



FDIC

# HEY YOU JR. & SR. HIGH TURKEYS!

Register now thru Friday, Feb. 6th

for our Cherry Pie Eating Contest, Friday, Feb. 6th

# Clinton County News

February 4, 1976

Serving the Clinton Area Since 1856

48 Pages-2 Sections

ST. JOHNS, MICHIGAN 48879

20 Cents

## Bicentennial calendar

Each week, the Clinton County News will publish Bicentennial events, dates, times and places. If your organization is planning Bicentennial events, send the information to Clinton County News, Bicentennial Calendar, 120 E. Walker, St. Johns 48879.



**BUFFET DINNER DANCE**—For people of all ages, will be sponsored by the Masons and Eastern Stars on Saturday, Feb. 28. The gala "George Washington Birthday Party," will be a celebration in keeping with the traditions of the time, with the band playing musical numbers of the past 200 years. The buffet will feature three meats, (chicken, ham and roast beef), two kinds of potatoes, five salads, three vegetables, special dessert and beverage. Dinner will be served at 7 p.m. and the dance will follow in the gymnasium at St. Josephs Catholic School. Cost for the entire evening's entertainment will be \$7.50 per person. For tickets call Frank Ursery, 224-7058 or Mari Eaton Sr., 224-4640, also at Clinton National Bank. A great evening out for the entire family.

**REGISTRATION FOR PIE EATING CONTEST**—From Feb. 2 thru Feb. 6, for junior high and high school students at Clinton National Bank, main lobby. The contest will be held Feb. 12, from 7 to 9 p.m. at the Municipal Auditorium. Prizes will be awarded, in four categories: Most pies eaten; sloppiest eater; most pits found; and neatest eater. Coffee and cherry tarts will be served to the spectators, and everyone is invited.

**GIRL SCOUT BICENTENNIAL PROJECT**—Area Girl Scouts are seeking persons with many years of service to Scouting for recognition in the Bicentennial year. Those with many years of service or those who know of someone are asked to call Jackie Plowman 224-3347 or Sharon Ludwig 224-3519.

**GREENFIELD VILLAGE**—Antique lecture by Roy Petre curator of properties, society for the preservation of New England Antiquities will be presented at 8:30 p.m. on Feb. 13.

**T.V. WITH A BICENTENNIAL THEME**—Wed. Feb. 4, Tony Orlando and Dawn. Ragtime music era on Channel 6, at 8 p.m.

## Area happenings

**FEB. 7**—The Adopted Sons will perform at the First Assembly of God Church, corner of U.S. 27 and Baldwin in St. Johns at 7:30 p.m. Admission is free.

**FEB. 12**—Tri-County Regional Planning Commission's Citizens Advisory Council will meet at 7:30 p.m. in the Delhi Township Hall, 1974 Cedar, Holt. Call 487-9424 for information.

## Residents respond with help for fire victims

**ST. JOHNS**—A St. Johns family lost their home in a Sunday afternoon fire while the family was away.

A passing motorist noticed the house on fire at 1101 S. Lansing about 1:30 and reported the blaze on his citizens band radio. Firemen fought the blaze in a blowing snow and freezing temperatures.

The only thing saved from the home were the clothes Mr. and Mrs. Kenneth Burns and their 3 children were wearing.

Wayne Banner, manager of the D&C Store in St. Johns opened the store Sunday afternoon to enable the Red Cross to purchase another outfit of clothing for each member

of the Burns family.

The Burns have 2 girls, ages 9 and 2½ and a 5-year-old boy.

The family was lodged in a local motel for the night and Willard Searies, a local developer, has furnished them with a mobile home in his mobile home park south of town until they can be relocated.

Bill Bradley, a member of the local citizens band radio club contacted other CBers who donated various items to the family. Bradley's home was used as a drop-off place for the donations.

The Burns were renting the house from Alvin Dickens.

## One car hit it, then another, then another and another

**ST. JOHNS**—Sunday just wasn't St. Johns police officer Kenneth Hatfield's day. He answered a call Sunday morning to investigate a traffic hazard and, when it was all over, his police car, was struck 3 times by 3 different vehicles.

Hatfield answered a call to assist the County Sheriff's Dept. about 11:50 Sunday approximately ½ mile west of the city limits on M-21.

Hatfield located a vehicle sitting on the south side of M-21 facing west, partially in the road.

He pulled the patrol car in front of the vehicle, turning on the emergency and warning lights.

As he was preparing to get out of the car, he looked in the rear view mirror and saw another vehicle sliding sideways.

The car hit the police car and slid into the ditch.

Hatfield got out of the car and, then, another vehicle slid out of control, hit the side of the police car and knocked it into the vehicle on the side of the road.

But, it wasn't over yet.

Another vehicle slid out of control and collided with the left rear of the police car. Driver of the car on the side of the road was Neil Rich of Ionia. Driver of the 1st vehicle to strike the police car was Lawrence Vitek, 4652 W. Walker Rd., St. Johns. Driver of the 2d vehicle to collide with the police car was Louis Lehemälin, 157 Jefferson, Pewamo and driver of the last vehicle that hit the police car was Dale LeRoy Drake of Ionia.

The accident was attributed to inclement weather and poor visibility caused by blowing snow and no tickets were issued.

No injuries were suffered in any of the collisions.

## St. Johns students

"rock around clock"

**ST. JOHNS**—Members of the Fellowship of Christian Athletes (FCA) at St. Johns High School will "rock around the clock" starting Feb. 6 to raise money for community and charitable uses.

The rock-a-thon begins at 3 p.m. Feb. 6 and will continue through to midnight Saturday, a total of 33 hours.

Approximately 36 students are scheduled to rock with donors pledging certain amounts of money per hour rocked by the individual students.

Proceeds from the activity will initially go into one fund and dispersed in specific community and charitable projects.

Proceeds from the 1975 rock-a-thon included \$100 to the American Red Cross, \$100 to Lansing flood relief, \$100 to the Clinton County Multiple Sclerosis Campaign, \$100 to the Football Boosters press box, \$100 to the Clinton County Senior Citizens Picnic and \$150 in the emergency fund.

The emergency fund money was used to send flowers to funerals, arrangement of a homecoming get-together for graduated FCA members, make Christmas candles filled with candy distributed at Clinton Memorial Hospital and help in the FCA canned food drive at Christmas.

The official start of the rock-a-thon will be at 3 p.m. in the high school gymnasium and will move to the cafeteria at 3:30 where the remainder of the activity will take place.

## Eagle plans family fun

**EAGLE**—The Eagle Park and Recreation Association is sponsoring a day of family snowmobile fun Sunday, Feb. 15 at the Eagle Park and Fairgrounds.

The day begins with breakfast and registration from 8 a.m. until 11 a.m.

Next is a snowmobile safari and timed events. Trophies and cash prizes will be awarded.

An alternate date has been set for Feb. 22.



Smoke pours out of Lansing Street house destroyed by fire Sunday.

## Fifth year in a row

# St. Johns takes district drama title

**ST. JOHNS**—St. Johns High School, for the 5th year in a row, has won first place in the District 9 drama competition.

The St. Johns dramatists took their 5th straight championship Saturday with the presentation of "Black Elk Speaks," foundation for the popular best seller "Bury My Heart At Wounded Knee."

Taking 2d place was Lowell High School with its production of "Pity The Golden Bird."

Competing in the District competition at St. Johns High School were St. Johns, Lowell, Ionia, Stanton, Central-Montcalm and Ashley.

All productions this year were required to be of a serious nature.

Contest rules require that the drama department take the stage, place the set, present the show and strike the stage within a 45-minute time period.

The productions are judged and critiqued by 3 college instructors in speech or theatre. The judges then award points with the school receiving the most points declared winner.

In addition to awarding points, the judges are also permitted to give individual awards for acting performance and technical work on the shows.

The St. Johns show deals with the Indians' side of the story as to what happened to tribes throughout American history. The show covers the stories of the elimination of the Arawak, Shawnee, Santee, Sioux, Cheyenne and Navaho Indian nations.

With the adaptation, St. Johns Dramatists, not only won the district title, but 5 of the cast and crew members were singled out for individual awards.

Laurie Brussel received a superior award for her costume designs and execution, Mary Bergdolt and Ann Schneider for makeup, Bob Dickman for his role of Manuelito and Keith Stork for his role of the dancing eagle.

In addition, the entire St. Johns company

received a special award of excellence for "ensemble" in its performance.

St. Johns now goes on to the regional drama competition at Ionia High School Saturday, Feb. 7.

The Redwing dramatists have won 4 regional titles in a row and will be trying for their fifth, competition against Hudsonville Unity Christian, Fremont, Portage Northern, Mattawan and Lowell.

The first show begins at 9 a.m. and admission to the entire regional competition is free.

The St. Johns production of "Black Elk Speaks" is under the direction of R.L. Koger, assisted by M. Muehlenbeck and Mrs. B. Markman.

## Dance to your heart's well-being

**ST. JOHNS**—Saturday night is the night to dine and dance and benefit Clinton Memorial Hospital at the same time.

The Annual Clinton Memorial Hospital Auxiliary Heart Ball will start at 7 p.m. at Highland Hills Country Club.

Proceeds from the ball go to the hospital Heart Fund which purchases equipment for

the coronary care unit at the hospital.

This year's proceeds will also go toward equipment for the proposed addition to the existing coronary care unit.

Tickets are \$25 per couple and may be purchased before Saturday by calling 224-2611 after 4:30 p.m.

Music will be provided by the Court Jesters of Lansing.

# Leon's welding creates little people-get the point?

By Patrice Hornak  
Special Feature Writer

When most men come home from work at the end of the day and try to "leave business at the office," Leon Exelby of St. Johns does just the opposite.

He comes home from his job as a welder at the Saylor-Beall Manufacturing Company in St. Johns and for relaxation after dinner he goes out into his garage and welds—and makes artistic figures out of horse shoe nails.

"You name it, I've made it," says Leon who has had his welding talents on display at several craft shows and has an exhibition at the Old World Village Mall in Lansing.

He won first prize in metal crafting with a diver he welded for the St. Johns Library craft contest last year and he hopes to enter other craft shows in the coming year.

### WELDING IN HIS BLOOD

Leon, age 61, has been a welder nearly all of his life and says that, "it gets in your blood."

His father was a blacksmith and that was how Leon was introduced to the iron

business but he has gone one step farther and found an esthetic use for his trade.

About a year ago Leon came up with the idea to use American horse shoe nails to make figurines. He says that horse shoe nails have a distinctive head that lend themselves well to being transformed into a foot or a head or a hand of a figurine.

**HOLDING A FIGURINE** of a hunter walking his dog, Leon pointed out, "See how well the heat of the nail makes a good head for this hunter?" And, he was right.

The hunter and his dog is one of Leon's favorite sculptures which he makes. "It comes out real looking," says Leon. "The secret is: When you make one of these characters, you have to get the action into it."

Now Leon's busy making the hunter walking with his dog in batches of 10 to 15 at a time, much like he makes many of his other creations.

Another favorite invention that Leon has come up with is a three-some Colonial drum and bugle corp. The three minutemen are welded together in a straight line. One plays the drum, one carries the flag and one plays the fife.

"I hope to have several of these made up for the Bicentennial," says Leon.

### HOBBY MORE INVOLVING

Now that Leon's welding hobby has also become a prosperous venture, he finds himself spending occasional weekends at craft shows which he never frequented before he worked with horse shoe nails.

He may spend a Saturday or a Sunday looking at other people's crafts and getting ideas to implement into his own craft, but admits that craft shows come in "binges" and that his pre-Christmas weekends were extremely busy with craft shows.

"The more involved you become, the more enthused you get," says Leon.

Leon's neighbor, George Cavanda, makes ecology boxes and together, with their wives, they sometimes attend a craft show together.

When asked what his wife Sophie does when he's out in the garage welding and creating, Leon smiled in his soft manner and teased, "She complains."

Sophie's seen her husband use his imagination to create these nail figures and has watched him as he has turned out more and more unique pieces of art.

(See Page 2)



Leon Exelby displays his horse show nail art. See story at left.

**STARTS FRIDAY**  
**CLINTON THEATRE**  
ST. JOHNS

**3 Days Only**  
Friday - Saturday - Sunday  
Feb. 6 - 7 - 8

**FUNNY LADY**  
THE BEST MUSICAL  
LOVE STORY EVER

STARRING  
BARBRA STREISAND and  
JAMES CAAN

and now everywhere!

Coming Attractions  
"Psychic Killer"  
and  
"Snow White"

SHOWTIMES:  
Friday - Saturday - Sunday  
2 Shows Nightly 7 & 9 p.m.

**\$200** Adults  
**\$100** Children

## Local firm offers unique alternative to garbage problem

ST. JOHNS - One of the toughest problems for local units of governments in the 1960s and 70s has been getting rid of garbage.

Prior to the 1960s, solid wastes were simply taken to the local "dump".

But, then "dumps" became a thing of the past with the advent of sanitary landfills. For health and pollution reasons, sanitary landfills became required by law.

Solid waste taken to a landfill is covered by dirt each day and after several years, the area is reclaimable for other uses.

However, sanitary landfills require many acres and

operation must cease when the landfill is filled to capacity. When that happens, the local unit of government must locate and purchase a large tract of land for the landfill or find other solutions to get rid of tons of garbage.

A St. Johns area business is currently in the process of constructing a facility that will help local governments in Clinton County put the lid on their garbage problems.

Dale and Larry Randolph are constructing a solid waste disposal transfer station across from Randolph's Redmix at the intersection of US-27 and Kinley Rd.

The station takes waste from

trucks hauling in the local area, reduces it by compaction and will haul it to various landfills throughout the mid-Michigan area.

The process compacts waste on a 4 to 1 ratio using 2 presses sheltered in a totally enclosed building 50 feet wide by 120 feet long.

To dump waste, haulers back up to a cell opening and unload.

An 8-foot by 9-foot steel plunger compacts the waste along a narrowing reinforced passage.

The project will cost approximately \$175,000 and is hoped to be completed in 2 months.



Breaking ground for a new way of disposing garbage in Clinton County is Dale Randolph (with shovel). Participating in the ceremonies are (from left) Teri Randolph, Dave Kraker of the Mid-Michigan Health Dept.; Jim Moore; Randolph's legal advisor; Harold Benson, Bingham Twp. supervisor, Larry Randolph and Jane Randolph. The equipment operator is Marvin English.

## Elect Raymond Parr to CNB&T board

A long-time St. Johns businessman has been elected to the Board of Directors of Clinton National Bank & Trust Company. Raymond G. Parr, president of Parr's Pharmacy, Inc., was elected and confirmed at the board's January meeting and assumed his official position at that time.

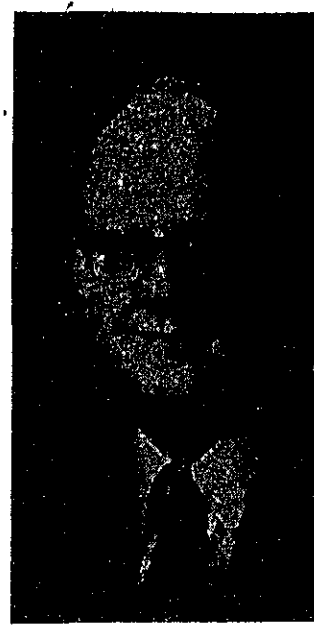
Parr has been associated with the pharmacy since graduation from the University of Michigan in 1947 and was elected president when the firm incorporated in 1973.

He was reared in St. Johns, graduating from the local high school, and has been active in numerous civic capacities through the years.

He has served for 20 years on the St. Johns School Board and nearly half that time was spent as its president. In addition, he is a board member of the St. Johns Cemetery Association, the Chamber of Commerce and has served in a number of official positions, of the First Baptist Church.

Professionally, Parr is a member of the American Pharmaceutical Association, the Michigan Pharmaceutical Association and the National Association of Retail Druggists.

The pharmacy of which he is president was begun in 1922 and was acquired by Parr's father in 1910 and since that time has been held by the Parr family.



Raymond Parr

Parr and his wife are natives of St. Johns and have resided here since their marriage in 1944. She is the former Elma Bates. The couple have 3 children and 2 grandchildren.

Their son, James, is a pharmacist with the Parr firm and a daughter, Marcia Patterson, is married to a St. Johns school teacher. Another daughter, Barbara Bittner, resides in St. Joseph, where her husband practices law.

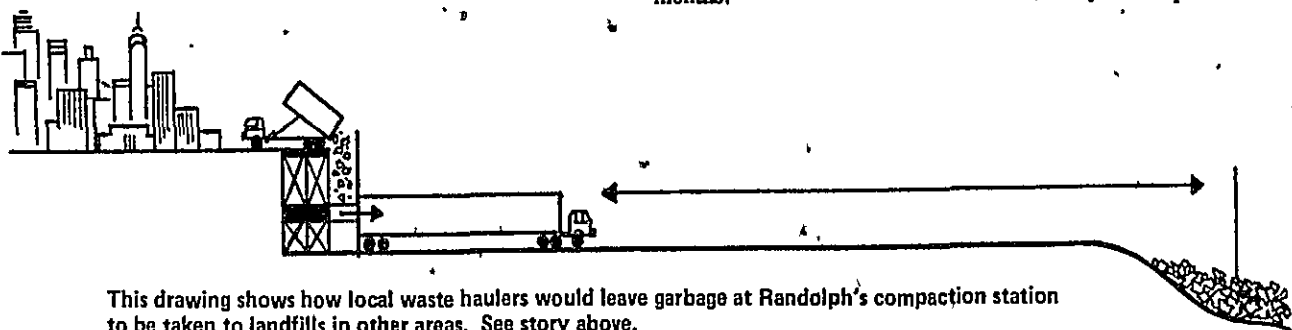
## St. Joe sets open house

St. Joseph School, St. Johns, will again be celebrating Catholic Schools Week, which is the week of Feb. 9.

They will have an open house

on Thursday, Feb. 12, from 9:30 a.m. - 11 a.m., and 1 p.m. - 2:30 p.m.

The public is invited to visit the school that day and see the classes in session.



This drawing shows how local waste haulers would leave garbage at Randolph's compaction station to be taken to landfills in other areas. See story above.

## Here's a slippery offer from the city

ST. JOHNS - Don't let the snow and cold get you down. Have a little fun this winter at the St. Johns City Park.

The ice skating rink at the park has been put in tip top shape by local businessman Walt Pierce and has attracted many local skating fans.

All residents are invited to use the rink.

## Health agencies keep close eye on outbreak of measles

Significant numbers of hard measles cases have been ob-

served in the 14-18 year old group in the Lakeview School

system. Some of the cases had previously received measles

vaccine with Gamma Globulin in the mid 1960's. There is some evidence to support the possibility that inoculations with Gamma Globulin or with inactivated vaccines did not provide lasting protection. Parents are encouraged to obtain measles vaccine for all children who have not been previously vaccinated or who received vaccine while less than 12 months of age.

The Mid-Michigan District Health Department; Michigan Department of Public Health; and Epidemic Intelligence Service Officers from the Center for Disease Control, Public Health Service, and H.E.W. are conducting an epidemiologic investigation of the outbreak. Parents should contact the Mid-Michigan District Health Department or their family physician for specific recommendations.

Individuals are communicable from 4-5 days before the rash appears to 4-5 days after it appears.

It is anticipated that measles immunizations will be provided via school systems as soon as possible in an effort to prevent further outbreaks.

Dates and times will be announced.

**City League volleyball standings**

Results of Jan. 29 games

Federal Mogul 3 - Green Printing 0  
City Turkeys 3 - Andy's I.G.A. 0  
Farm Bureau 3 - Osgood 0  
Dry Docked 3 - Post Office 0  
Co-ed 0 - Sealed Power 3  
Sillmans 3 - Clinton Theatre 0

Standings after Jan. 29 games

Team	W	L
City Turkeys	11	1
Sillmans	9	3
Sealed Power	9	3
Farm Bureau	8	4
Dry Docked	7	5
Post Office	7	5
Federal Mogul	7	5
Co-ed	5	7
Osgood	5	7
Clinton Theatre	3	9
Andy's I.G.A.	1	11
Green Printing	0	12

## His hobby is nails

(From Front Page)

She's seen him order horse shoe nails from the one manufacturer located in Massachusetts that still produces those hard spike-like metal pieces and she says she's looking forward to seeing a sculptured bird Leon has started to make and hopes to complete by spring.

### HISTORY OF HORSE SHOE NAILS

More than simply creating the nail art pieces, Leon has taken an interest in the history of horse shoe nails.

He reported the practice of nailing iron plates or rim shoes to the hoof of a horse began in the second century, B.C. Some cultures formerly used straw to wrap about the horse's hoof but the purpose of the shoe has remained the same—to protect the horny part of the hoof.

There are six to seven nails used in the fore horse's shoe and eight in the hind shoe. And, horses still wear horseshoes, though, like human fashions, styles have changed slightly.

WITH THE KNOWLEDGE about horse shoe nails which he has researched, Leon has typed up an informative page of historical notes on his craft and makes the information sheet available to interested persons passing one of his craft displays.

The potential customer may be looking at the orchestra which Leon has made out of the nails, a bug made out of a spoon, a bicycle, an automobile, a pool table and players or a go-go girl which Leon says jokingly is, "out of this world."

"There are so many different ideas you can make," says Leon, adding, "there is no end in what you can make."

WHEN LEON RETIRES, he hopes to work with his horse shoe nail hobby more frequently. Being the only person he knows of that works with horseshoe nails, his pieces of art are originals in more than one sense of the word.

Besides saying that Leon is original, however, one could also say that he has good horse (shoe nail) sense.



HUNTER AND HIS DOG



DRUM AND FIFE CORPS

# GRAND OPENING

## LOIS' RESTAURANT

formerly KWIK STOP

### UNDER NEW OWNERSHIP

Lois Jonas . . . Owner  
Lois Bendt . . . Mgr.

### FEATURING a DIFFERENT SPECIAL EACH DAY FOR LUNCHEON and DINNER

#### We Specialize in Take Out Orders

OPEN DAILY 7 - 9  
SOUTHGATE PLAZA

ST. JOHNS PHONE 224-2389

All new... Brand new

# 12 SERIES GAMERAMA

IT'S CARDS... IT'S BINGO... IT'S FUN!

## WIN UP TO \$10000

**IGA ST. JOHNS**

PRICES GOOD NOW thru FEB. 7  
NOTE: Not responsible for errors made in Printing. QUANTITY RIGHTS RESERVED.

**NO DEALERS ON AD ITEMS**

**SAVE ON FAME CAN GOODS!**  
Case Lot Sale Now On

... From Our Bakery

HOME BAKED  
**Buttercrust WHITE BREAD** 16 oz Loaf **39¢**

**BLADE CUT BEEF CHUCK STEAK**

BEEF AT IT'S BEST!

**77¢**

**FAME MARGARINE** FAMOUS FOR QUALITY!

QUARTERS

1-lb. Pkg. **29¢**

**FAME CATSUP** net 14-oz. Btl.

**29¢**

SAVE 51¢

**PEPSI COLA** 8/16-oz. PLUS DEPOSIT **98¢**

**BUFFET SUPPERS**

2-lb. Pkg. **99¢**

**FAME VANILLA ICE CREAM**

Gallon Ctn. **\$1.69**

## Brian Stork performs with Alma Kiltie Band

ALMA-Music and a Scottish heritage, two of the most colorful aspects of campus life at Alma College, will be the principal ingredients of an impressive program to be presented at Whiting Auditorium in Flint on Friday, Feb. 6.

The college's A Cappella Choir, Kiltie Band and dancing Kiltie Lassies, which will be featured in Alma College in Concert at Flint, have provided entertaining programs in Michigan and on tours throughout the country for many years.

On stages with these groups in the Flint performance will be Brian D. Stork, who plays in the Kiltie Band. A freshman at Alma, Stork is the son of L. Dean Stork of Mt. Morris and Mrs. Alice Stork of St. Johns. He is a 1975 graduate of St. Johns High School.

The approximately 150 Alma student musicians who will participate in the Flint program have helped to establish Alma's reputation for musical excellence. And these Alma groups, the Kiltie Band and Lassies in particular, have helped to develop the college's Scottish traditions.

Alma's athletic teams, first called Presbyterians or the Maroon and Cream, became known as the Scots in the 1930's. Shortly thereafter the college band acquired uniforms featuring kilts, and in the 1950's a group of coeds established the Kiltie Lassies to provide entertainment with their Scottish dances at campus events.

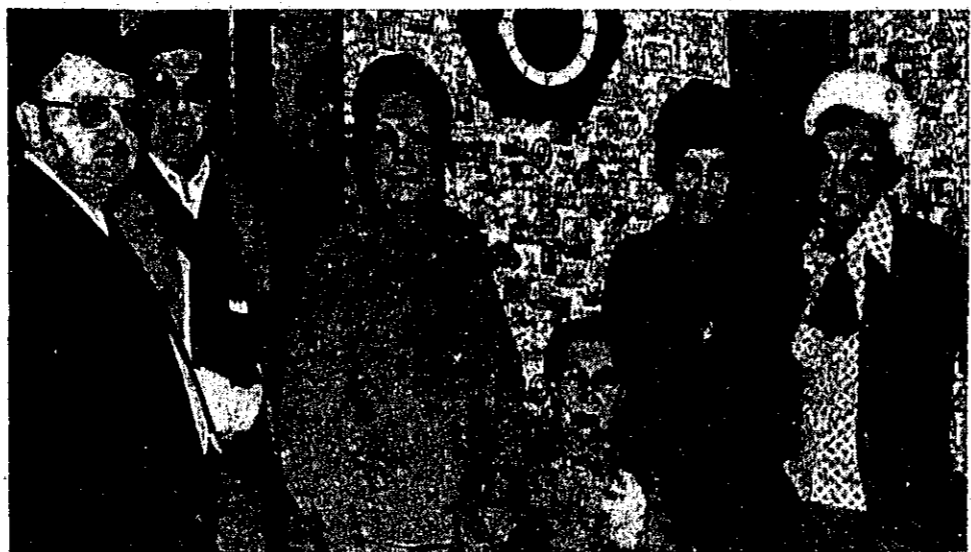
MOST MID-MICHIGAN residents are acquainted with the city of Alma's annual Highland Festival, a gala event that attracts thousands to the community. But several do not realize that the festival had its origin just eight years ago when a few alumni of the college proposed that a yearly gathering of the clans be held on the campus.

The Scottish heritage, which the college has passed along to the community of Alma, will be

reflected in the Flint program through the performance of several Highland dances by members of the Kiltie Lassies. Accompanied by a piper, the Alma girls will do typical Scottish dances such as the Highland Flint, Sword Dance and Shean Trews.

The Kiltie Band and the Alma A-Cappella Choir will present the major portion of the Flint program. The two groups will perform individually and then will combine in a concluding segment of the concert.

Tickets for Alma College in Concert are available at Presbyterian churches in the Flint area and at Whiting Auditorium.



Friends of Mabelle Durkee met at the Colonial Restaurant in St. Johns Wednesday, Jan. 21, to celebrate Mabelle's 88th birthday. A cake was made by Pierce Bakery for the occasion and Bill Chalmers, manager of the J. C. Penney store, presented Mabelle with a corsage. Mabelle retired from her hat shop business three years ago, after entering into a partnership with her sister, Sue, in 1911. The hat shop opened in downtown St. Johns in 1893. Attending the birthday party were (from left) Chalmers, E.L. Daley, Esther Hendershot, Durkee, Edna Selm and Elsie Dickinson.

## CYC holds honor council

The Free Methodist Church Christian Youth Crusaders in St. Johns held honor council for Heralds (grades 1-3), Cadets (grades 4-6) and Young Teens (grades 7-9), Jan. 11.

The director, Mrs. Sandra Cleveland, opened with all repeating the pledges to the United States flag, the Christian flag and the pledge to the Bible.

Mrs. Cleveland read the requirements for the Heralds, who have been working on a badge called "Help At Home." The first graders Bonnie Snider and Daniel Fleischer and 3d grader Jon Swargart received their Heralds neck scarfs and sashes. A 4th grader, Julie Pope, received her Cadet scarf and sash.

The Heralds leader, Mrs. Jackie Snider, presented to the parents of Danny Fleischer and Bonnie Snider their 1st grade

seal which was pinned on the scarf and the "Help at Home" badge was pinned on the sash. The parents of 2d graders Mark Pope and Tracy Spooner pinned their rank seal and badge on. The parents of Greg Snider and Jon Swargart pinned their rank seals and badge on.

Mrs. Cleveland read the requirements for the Cadets to earn the Belt of Truth and the Laurel Award pins. Their leader, Mrs. Dawn Dean presented the parents with the pins and rank seals. Julie Pope received her 4th grade rank seal, while Ross Pope and Theresa Pope received their 5th grade rank seals.

Rev. Rodney Dean is the Young Teens leader. Kelly Spooner, a young teen, has learned tennis rules and is learning how to play Chess.

Mrs. Betty Knapp played the

organ as the Heralds and Cadets sang their theme songs. All who attended joined with fellowship and refreshments in the church basement afterwards.

All children in grades 1 through 9 are welcome to meet at the Free Methodist Church on Church St. each Wednesday evening from 6:30 to 7:30 p.m.



# HEY YOU TURKEYS!!

FINAL WEEK TO REGISTER FOR OUR

## Cherry Pie EATING CONTEST

for JR. and SR. HIGH AGES ONLY

Boys and girls must register for this event now thru Friday, Feb. 6 in the main lobby of St. Johns office. Contest will be held Feb. 12 beginning at 7 p.m. in the Municipal Bldg. Auditorium. Prizes to both boys and girls in the following categories:

- Prizes:
- Most Pies Eaten - \$15 Cash and Trophy
  - Sloppiest Eater - \$5 Cash and Bib
  - Most Pits Found - \$5 Cash and Pitter Spoon
  - Neatest Eater - \$5 Cash and White Gloves



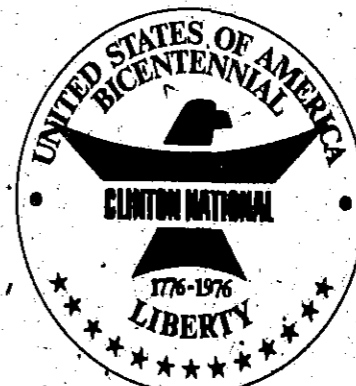
Participants MUST Register In Advance - No Sign Ups At Contest

Cherry Tarts & Coffee

Will Be Served To Visitors During Competition

CLINTON NATIONAL

your BICENTENNIAL bank



F.D.I.C.



Responds to letter

Dear Sir:

In response to Mrs. Blank's letter (Jan. 21 Clinton County News), I would like to say that Great Britain's medical care programme is not free!

Whether one uses any medical services or not, out of every pay cheque, a certain amount of money is taken for the health care programme.

Our transportation system is one of the best. Buses and trains run on schedule and cover all parts of the city. People here who have been used to having their own cars do not realize that this type of system is necessary and works in Britain.

As for the meals provided for senior citizens in our country, I seem to detect a feeling that she thinks these are handouts. As she herself said, we are the government, we are paying for them. For some people who can't get about too well, this is a chance to see old friends and enjoy each other's company again - it is more than a free meal.

Thank you,  
Sandy Hill

### Shepardsville

At a recent meeting of Morning Star Chapter No. 279 OES of Ovid it was voted to hold an initiatory on January 20. On January 20 Lena Goodrich received the degrees of the order. Guest officers were Jean Temple, Mary Lott, and Raymond Lawrence. Refreshments were served in the dining room by Irma Fowler and her committee. The next regular meeting will be on Tuesday, evening, February 10.

The Ovid Duplain Library Club will meet on Friday, February 6 at the home of Mrs. Charles Palen, Jr. Roll Call will be to bring an antique and tell its history. The speaker for the day will be Mrs. Beulah Holland of Ovid. Her topic will be on Antiques. Potluck luncheon at 12:30. Bring some one with you.

Those from out of town who attended the funeral of John Spencer were Mr. and Mrs. Don Barker of Lansing, Mr. and Mrs. Richard Barker and family of Monroe, Mrs. Kate Weideman and Mrs. Maxwell of Lansing, Mr. and Mrs. John Craig and family of Charlotte, Mrs. Edna Ross of Dearborn, Mrs. Dolores Hegwood and children of Inkster, Leo Spencer of Detroit, and Father Eugene Spencer of Williamston.

Clinton County News

# Family and Society

## Martha Jean Locher bride of James Dalton

Relatives and friends of Martha Jean Locher and James C. Dalton gathered at the First Congregational Church in St. Johns Saturday October 11 at 4:30 p.m. to witness the ceremony of their marriage performed by Rev. Averill Carson.

Mrs. William Hambleton, organist accompanied Sheila and Sheryl Pulliam who sang "The Wedding Song," "For All We Know," "Close to You," and "We Have Only Just Begun."

The bride is the daughter of Mr. and Mrs. Raymond F. Locher of 2820 Lehman Rd., DeWitt. The groom is the son of Mr. and Mrs. Roger J. Dalton of 4912 Allison, Lansing.

The bride was given in marriage by her father. She wore a floor-length gown of white silk knit. The dress featured a softly gathered empire bodice with a deep V-shaped yoke of English net, embellished with Alençon lace, pearls and beads. The long slim sleeves had a petite ruffle on the cuff. The skirt and chapel train was bordered with a ruffle. The bride wore silk flowers in her hair. She carried a bouquet of orchids and stephanotis.

The groom was also dressed in all white. He chose a white tux jacket, vest and matching trousers.

Nancy Ann Leiner of Bay City was her sister's matron of honor and attending as bridesmaids were Shirley Norman of Fort Lauderdale, Fla., friend of the bride, Heidi Dalton, sister of the groom, and Melanie Knight of Erie, Pa., friend of the bride. The attendants wore knit gowns in a beautiful shade of mango. The sleeveless gown was accented with a softly gathered skirt bordered with a ruffle. A matching cape with a ruffled edge completed the outfit. They carried yellow and peach

bouquets of daisy poms, carnations and star flowers. They wore matching flowers in their hair.

Barry Dalton of Novato, Calif., brother of the groom, was best man and serving as groomsman was Gary C. Leiner, brother-in-law of the bride. Dave Claus of Grand Ledge, friend of the groom and Darwin Petersen of Lansing, friend of the groom served as ushers.

They wore peach tux jackets and black trousers to complement the bridesmaid dresses.

For her daughter's wedding, Mrs. Locher chose a gown of peach jersey fashioned with a V-neckline edged with a narrow ruffle and long straight sleeves. The softly gathered bodice was accented with a diamond shaped insert. The floor length A-line skirt fell softly from an empire waistline. The bridegroom's mother wore a floor-length yellow chiffon dress with a matching jacket. Both mothers wore corsages of yellow and peach roses.

A buffet dinner, reception and dance was held at the St. Joe Gym. Music was furnished by the Music Makers of St. Johns for dancing.

Mr. and Mrs. David Huhn, cousins of the bride were host and hostess at the reception. Mrs. Fern Wellington cut and served the wedding cake. Also helping at the reception was Mrs. Steve Jackowski of Conn., Dianne Dalton, aunt of the groom, Mr. and Mrs. Bob Rehmman, Mr. and Mrs. Don Randolph and Mr. and Mrs. Lafayette S. Smith.

Special guest at the wedding and reception was Mrs. Beryl Dalton, grandmother of the groom.

Mr. and Mrs. James C. Dalton traveled to Florida before they returned to their home at 2920 S. Deerfield in Lansing.



Mr. & Mrs. James Dalton

## Dana Marie Droscha and Lynn Green exchange vows

On Saturday, Dec. 13, 1975, Dana Marie Droscha and Lynn Roger Green exchanged vows in a double ring ceremony performed by Rev. Verne C. Summers in the Lawrence Avenue United Methodist Church, Charlotte.

Organist for the occasion was Mrs. James Gammage of Charlotte and the vocalist was Marshall Hughes of Olivet. Vocals for the ceremony included "The Wedding Song," "Sunrise, Sunset," "Annie's Song," "Sometimes," and "Song of Joy". Parents of the bride couple are Mr. and Mrs. Robert F. Droscha of Charlotte, and Mr. and Mrs. Basil F. Green of DeWitt.

Escorted to the altar on the arm of her father, the bride wore a white Quiana double knit gown of her own design. The bodice and cuffs of the dress were accented with re-embroidered Alençon lace and highlighted with sequins and pearls. Attached to the gown was a necklace which belonged to her great-grandmother and also was worn by the bride's mother on her wedding day. The bride carried a cascade of white sweetheart roses tipped with light blue and white mums surrounded with ivy and baby's breath. The headpiece and veil made by the bride's mother completed the bridal ensemble.

Matron of honor was Mrs. Mark (MeaDora) Salemka of Ann Arbor, friend of the bride couple. She wore a light blue empire knit dress complimented by a royal blue velvet jacket. The shawl collar and sleeves were trimmed with light blue

Bridal attendants were Miss Regina Felton of Mason, friend of the bride and Miss Jean Green of Lansing, sister of the groom. They wore dresses and jackets identical to that worn by the matron of honor. All of the bridesmaids wore gowns designed and made by the bride. Flower girl was Miss Kelly Green of Swanton, Ohio, cousin of the groom. The bride's mother wore a pink, floor length double knit gown complimented by a self ruffle on the bodice and



Mr. & Mrs. Lynn Green

cuffs. The groom's mother wore a turquoise floor length flower print double knit dress and jacket. The mothers wore corsages of white sweetheart roses.

Best man was Mark Salemka of Ann Arbor, friend of the bride couple. Groomsman were

Denise Bergeon, all friends of the bride. Guest book attendant was Mrs. Glenn (Louise) Chamock of Oxnard, California, twin-sister of the groom.

After honeymooning in Florida and the Bahamas, the couple will be making their home in Lansing.

Dana is a 1968 graduate of Charlotte High School and attended Lansing Community College. She is presently employed by the Registrar's Office at L.C.C. Lynn is a 1968 graduate of DeWitt High School and a 1972 graduate of Michigan State University. He is employed as an auditor by the Office of the Auditor General, State of Michigan.

The former Miss Droscha was honored by several showers. On Oct. 14, a miscellaneous shower was given by Miss Denise Bergeon at her home in Mason. It was attended by several of Dana's great-aunts, aunts, and cousins.

Miss Joann Green and Miss Margie Brace gave an hour shower for Dana at their home in Lansing on Monday, November 10. Many friends employed by L.C.C. were present. A grocery shower for Dana and Lynn was given by Mrs. Claude Smith, Dana's aunt, Mrs. Philip Smith and Mrs. James Ireland, Dana's cousins, at the Ireland residence in Mason on Sunday, November 16. Fifty-one relatives were in attendance. On Nov. 20, a crystal and dinnerware shower was given by Mrs. Silas Chalfant and Mrs. Leland Smith at the Smith home in Charlotte. It was attended by several choir friends and neighbors. Mrs. Carl Droscha gave a surprise shower for Dana at her home in Davison on Sunday, November 30. Several Davison and Flint area friends were present. A miscellaneous shower was given for Dana by Mrs. Mark Salemka, Mrs. Jim Glisson, and Mrs. Donald Salemka at the Salemka home in DeWitt on Sunday, December 7. Several of Lynn's aunts and cousins and friends were in attendance. Many thanks to those who gave showers and for the many fine gifts received.

## North Bengal

Robert Eldridge, Jr. of California, who was on a business trip to Midland, visited his parents and brothers, Mr. and Mrs. Robert Eldridge, John and Michael over the weekend of Jan. 24.

Louis Moritz and Ann. Her brother, Randy, underwent a tonsilectomy at St. Lawrence Hospital on Tuesday, Jan. 27.

Little Janet Moritz of rural Grand Ledge spent from Sunday, Jan. 25 until Wednesday, Jan. 28 with her grandparents, Mr. and Mrs.

On Sunday, Jan. 25, Mr. and Mrs. Erwin Tiedt returned home from a three weeks trip to Arizona and other interesting places. While in Arizona they spent a few days with Mr. and Mrs. Lep C. Fox, former residents of this neighborhood.

## Marriage licenses

Alfred Lee Cooksey, 44, 130 W. Louisiana, Indianapolis, Ind.; Edith Joy Harvey, 40, 493 W. Pratt Rd. DeWitt.

Clare A. Koensgknecht, 30, R1 S. Talman Road, Fowler; Judy A. Schneider, 32, 716 Union St., Portland.

Dale Rodger Cole, 40, Wright Rd. R1, Eagle; Charlene Kay

Brownfield, 31, Wright Rd. R1, Eagle.

Eddie Edwin Mathers, 20, 5525 Howe Rd., DeWitt; Joan Marie Spagnuolo, 17, 14909 Harduke Drive, Lansing.

Terry Lee Mead, 30, 16815 DeWitt Rd., Lansing; Julia Mae Jensen, 18, 16641 DeWitt Rd., Lansing.

## Engagements

### Remus-Keen

Mr. and Mrs. Robert Remus, Rt. 5, St. Johns, announce the engagement of their daughter, Celia Jean, to Daniel Dwight Keen, son of Mr. and Mrs. Dwight Keen, 505 First Center Ave., Brodhead, Wis.

The bride-elect is a 1972 graduate of St. Johns High



School and 1975 graduate of Grand Rapids School of Bible and Music. The prospective groom is a



1976 graduate of Grand Rapids School of Bible and Music. A June 18 wedding is planned.

### Sigafoose-Weber

Mr. and Mrs. Evert Sigafoose, 203 N. First St., Bannister, announce the engagement of their daughter, Shari Lynn, to James H. Weber, son of Mr. and Mrs. Melvin

Weber of St. Johns. The prospective groom is a graduate of St. Johns High



### Kusenda-Gorney

Mrs. Donna Kusenda of Ovid is proud to announce the engagement of her daughter, Debra Ann, to James J. Gorney, son of Mr. and Mrs. Alex Gorney of Mt. Morris.

Miss Kusenda is a 1973 graduate of Ovid-Elsie High School. Her fiancé is a graduate of Western Michigan University and is currently employed by General Telephone in Muskegon.

A May 1 wedding is being planned by the couple.

## WEDDING PHOTOGRAPHY

Reasonable Rates  
Call 224-3911

February is our FREE



### DIAMOND SERVICE MONTH

1. Get your Diamond rings and Diamond jewelry inspected and cleaned without charge!
2. Bring in your worn, out-dated Diamond jewelry and we can discuss inexpensive remodeling possibilities to transform them into fine, modern Diamond jewelry.

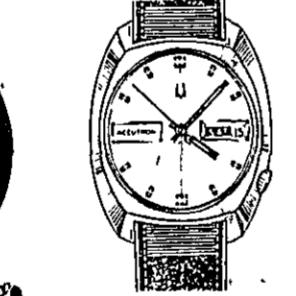
February Sale Month



Assortment of Gift Items at 1/2 price



Winter Costume Jewelry all at 1/2 price



GENTS & LADIES

All Watches at \$25 on up In Stock - Hand Wind & Selfwind at 20% off. Some group watches at 1/2 price. Lay away now for Valentine or other special occasions

32 Years Selling Diamonds in Clinton Area

Harr's Jewelry

114 N. Clinton Ph. 224-7443

COMPLETE BODY WORK AND GLASS REPLACEMENT  
**BOB'S AUTO BODY, INC.**  
800 N. Lansing Phone 224-2921

**NOTICE IS HEREBY GIVEN**  
That a Primary Election will be held in the  
**VILLAGE OF MAPLE RAPIDS**  
February 16, 1976  
Liane Tyler Village Clerk

"Notice is hereby given that Edward J. Werner, No. 3733 V.F.W., located at 126 N. Maple St., Fowler, Michigan, has applied to the Michigan Liquor Control Commission for renewal of its club license and that it is the intent of the Liquor Control Commission to grant said license upon expiration of the present license."

"Dated February 4, 1976.

Very truly yours,  
**MICHIGAN LIQUOR CONTROL COMMISSION**  
Roger J. Rosendale, Director  
Licensing and Enforcement Division



School and employed at Motor Wheel in Lansing. A March 6 wedding is planned by the couple.

## SHOP THE BARGAIN BASEMENT AT KURT'S

For Good Used Reconditioned Appliances . . .

RANGES-REFRIGERATORS-WASHERS-DRYERS-TV

Also . . . Fair Selection of Scratch & Dented NEW MERCHANDISE  
IF YOU'RE LOOKING FOR A BARGAIN - SHOP OUR BARGAIN BASEMENT!

## KURT'S APPLIANCE CENTER, INC.

DOWNTOWN ST. JOHNS

PHONE 224-3895

# St. Johns High School names honor students

**SENIORS**  
Evelyn Andrews, Shirley Andrews, Leanna Bailey, Janice Bancroft, Laureen Bancroft, Linda Boppert, Kenneth Barber, Robin Bearndt, Douglas Beaufore, Paula Beck, Michael Bellinger, Mary Lou Bergdoll, Mary Boettger, Rodney Bond, William Brewbaker and Bonnie Britten.

John Brooke, Jean Buggs, Kathryn Carson, John Chinko, Robin Clark, Stephanie Churches, Steve Cochrun, Dave Cole, Lee Cook, Linette Crosby and Patrick Cuthbert.

Terrie Daggett, Diane DeBoer, Sherri Desprez, Diana DiWitt, Barbara Dilts, Robert Dimer, Tom Duguay, James Eaton, Annette Eberhard, David Eger, Linda Eisler,

Cheryl Elliott, Cynthia Exelby, Frank Faivor, Lorie Fieldpausch and Kathleen Fero.

Evelyn Fields, Earl Flegler, Janice Flermoen, Frenda Flowers, Christel Foster, Sue Fox, Lynne Furry, James Galloway, Veronique Genty, Tod Gibson, Lucinda Gladstone, Katherine Griffith, Susan Fisher, Eric Grost and Tamra Harris.

Jennifer Harrison, Keith Haske, Stanley Hatch, Greg Hazle, Linda Hein, Luann Heller, Linda Henning, Paula Henning, Debra Hill, Janie Hinton, Suzanne Hopko, Judith Horan, Rita Horan, Rhonda Houska and Deborah Howard.

Tamra Hunt, Doug Iocco, Kathleen Iocco, Kenneth Jorae, Kathryn Karber, Lee Ann Kiel, Pauline Kissane, Tim Knaus,

Diane Knight, Joann Kruger, Patricia Kruger, Leslie Kuenzli, Clara Kurnez, Dorothy Kus and Corinne Lawrence.

Sue Leyman, Rosa Leonard, Loretta Lounds, John Love, Pamela Luttig, Elizabeth MacKinnon, John Malland, Frank Malusek, Jeffrey Massey, Deborah Maurer, Donald Mauer, Karen Mazzolini, Karen McCausey and Vicki Mee.

Paul Mehney, Patricia Meyer, Kathryn Miller, Robert Mills, Sonia Moriarty, Barbara Motz, Fred Motz, Pamela Motz, Melanie Nemcik, Thao Nguyen, Lori Ormston, Dawn Pardee, Leon Parker, Thomas Patton and Ryan Pertler.

Marcia Pierce, Thomas Ploszak, James Prall, Steven Purvis, Larry Rademacher,

Daniel Rehmann, Kathy Rhines, Cheryl Rice, Dawn Robbins, Billy Roll, Sharon Rosekrans, Martha Rosner, Mary Rosner and Carol Rozen.

Michael Salisbury, Robert Schmaltz, Mary Schneider, David Sears, Brian Seyfried, Randy Sillman, Craig Simpson, Susan Slagell, Craig Smith, Scott Smith, Jeanne Snider, David L. Snyder, Denise Snyder, Ruth Speerbrecker and Linda Sperry.

Cindy Spitzer, Julie Stevenson, Dana Swears, Sharon Taylor, Jamie Teichert, Brenda Terpening, Kevin Thayer, Lynn Thelen, Patrick Thelen, Cynthia Thornton, Jill Thrush, Beth VanBuren, Karen VanOrtwick and Elizabeth Verdesee.

Thomas Verlinde, James Wagner, Ruth Watson, Sallie

Wesner, Brandon White, Daniel Whitmore, Ruthann Williams, Tena Williams, Christina Wilson, Elizabeth Wirick, Cindy Wohlfert, Wendy Wood, Marie Woodbury and Eugene Worrall.

**JUNIORS**  
Susan Aylsworth, Terry Ballinger, Gerald Bashore, Nathan Beam, Robert Beck, Debra Bennett, Claude Bishop, Steven Bissell, John Bond, Cheryl Bouchey, Wendy Brockmyre and Philip Brooke.

Laurie Brussel, Lisa Burns, Emma Caruss, Jill Cook, Linda Cooper, Cathy Curtis, Jeff Dekers, Wayne Dedyne, Lynn Denovich, Dale Devereaux, Robert Dickman and Stephen Dietrich.

Laureen Douglass, Dru Downing, Linda Dubay, Wayne

Dush, Greg Elmore, Melanie Escher, Shirley Evans, Karrinda Federau, Kathleen Fedewa, Mark Geller, Philip Glowacki and Gerald Good.

Mark Grost, Laura Guenther, Denise Harrah, Joan Harris, Bruce Hebel, Joel Henning, Mary Hinton, Mary Horan, Sally Howe, Laura Hurst, Joan Idzowski, Gordon Iocco and Joseph Irner.

Pamela Jorae, Barbara Karber, Leanne Karber, Sharon Karber, Annette Keck, Steven Kellen, Shannon Kelley, Julie Kenfield, Mary Koenigsknecht, Lori Lashaway, Julie Latimer and Ronald Long.

Ernie Luttig, Pam Lutz, Diane Maier, Carol Mankey, Mike Martin, Susan Marton, Cathy Mice, Joseph Miller, Marilyn Miller, Robin Miller,

Michael Minarik and Peter Moore.

Debra Motz, Hein Nguyen, Linda Nurenberg, Judy O'Connor, Tamra Osborne, Mark Pardee, Jeannie Parker, William Penix, Gregory Petrick, Cindy Placer, Brian Puetz and Janet Purtil.

Bonnie Quick, Anne M. Rademacher, David Reha, Randy Rey, Jay Richards, John Richmond, Candy Scharnweber, Catherine Schlarf, Ann Schneider, Janette Schneider, Jeff Schneider and Theresa Schneider.

Linda Schomisch, Alexia Scott, Terry Sehlke, Marie Shinaberry, Linda Simon, Darlene Skym, Anne Slose, Bryan Smith, Eric Smith, Mary Stachel, Cheryl Stackenauer and C'leen Stoddard.

Keith Stork, Cheryl Stump, Sueann Suchek, Edward Thelen, Marcia Thelen, James Thurlow, Richard Vining, Lucinda Ward, Nancy Warstler, Michelle Wawczyk, Mary Whitford, Thomas Wilkie, Kimberly Wineland, Alison Winter, Teresa Wood, Susan Woodhams and Stephanie Worrall.

**SOPHOMORES**  
Steve Anderson, Jill Andrews, Dawn Archer, David Asher, Lois Ashley, Louise Bailey, Teresa Bappert, Jason Bargar, Rebecca Barner, Eric Brockmyre and Jeff Burnham.

Linda Burns, Kristie Cole, Jeff Cox, Karen Curtis, Mark Cuthbert, Dennis Demorest, Michelle Desprez, Stephanie (continued on page 16A)

## Chloe's Column

Tips on mail order clubs

Clinton County Home Economist

If you're thinking of joining a mail order record or book club, here are a few tips. Many of these clubs are operated under the "Negative Option Plan." You are given the option of accepting or rejecting the offered merchandise. If you do not send the company a notice of refusal, the merchandise will automatically be shipped.

Before joining the club, determine if the merchandise is sent to you automatically or if you have the right to select only the merchandise you want to receive. Also, determine the minimum quantity you have to purchase and within what time period. How much will postage and handling cost? Ask for a detailed explanation of the right to cancel.

Whether you are ordering an inexpensive set of coasters or a stereo by mail, take these precautions:

-Comparison shop. What does the same merchandise cost in a local store? If the product is available locally, consider the cost of postage and also the advantages of having the merchant available if there is a complaint about the product.

-Check with the Michigan Consumers Council to determine if there have been complaints registered about the company you are considering ordering from.

-Are there exaggerated claims in the advertising, and is the price ridiculously low compared to local stores? Carefully read the explanation of the product, and if you send for it, keep a copy of the ad or catalog you ordered from.

-Is the merchandise offered on a satisfaction guaranteed or money back basis? If so, who pays for the return postage if you are dissatisfied?

-Is there a time specified when you can expect delivery? If not, do you wish to wait 30 days?

-If you order, clearly indicate your name and address on the order form. If you order a gift for a friend, indicate where it is to be sent and clearly indicate the name and address.

-Keep a copy of your order form or the letter you sent. Make certain you have the correct name and address of the firm.

-Never send CASH. Pay by check or money order and be sure to include any shipping or handling charges and state tax

where applicable. There is a charge for Collect-on-Delivery (C.O.D.)

-Check the order promptly when you receive it to make certain it is exactly what you ordered. If it is not, notify the company immediately and return the merchandise for refund.

## Ovid woman to receive national award from VFW

Michigan VFW Auxiliary State President, Mrs. Orvel Walter, 6120 West Main Road, Ovid, will be honored for outstanding achievement in attaining state membership goals at the National VFW Mid-Winter Conference at the Flamingo Hilton Hotel in Las Vegas, Nevada, Feb. 20-22. As a "V.I.P." President, she will participate in a special "Night-on-the-Town" festivity for top rankers of the nation.



Mrs. Orvel Walter

Mrs. Walter will report on Michigan projects on the Bicentennial, Americanism, Community and Youth Activities, Voluntary Hospital Work, Safety, Rehabilitation and other patriotic and service programs. Over 500 national leaders will participate in the Conference.

Keynote speakers will be Mrs. Nancy Steorts, Special Assistant to U.S. Secretary of Agriculture, for Consumer Affairs, and Cooper T. Holt, Executive Director, VFW Office in Washington, D.C.

Presiding at the Conference will be Mrs. Glenn Grossman of Chicago, Illinois, National President of the over half-million member organization. Mrs. Grossman will report on her recent Goodwill Tour in the

Pacific area, visiting overseas Auxiliaries, veterans hospitals, and Korean school for children which has received longtime Auxiliary support.

During the past year, 553,000 members served 17 million volunteer hours and contributed \$24 million dollars to help others. \$90,000 in Cancer Research grants were given, plus \$539,000 in grants to members stricken with Cancer.

## Announce Elsie Junior High honor students

**Eighth Grade:** Keri Acre, Doug Acre, Alan Betz, Brenda Betts, Teresa Black, Lori Chapko and Gayle Furstenaue.

**Tracy Heimburger, Kathy Hofferbert, Teresa Hurst, Anna Kusnier, Ken Latz, Lori Mills, Lydia Ortiz and Laurie Pokorny.**

**Rhonda Porubsky, Lynette Purnford, Ed Rutkowski, Laurie Somers, John Sovis, Neil Samburgsky, Monica Truax and Charles Zemla.**

**Seventh Grade:** Cathy Adams, James Chapko, Bonnie Clark, Paula Clark, Angelo Fogarty, Julie Furstenaue, Dean Gilbert, Brenda Gingrich and Troy Ginther.

**Richard Griffin, Chris Jones, Christopher Horak, Joseph Hurst, Kristin Kellermann, Lori Kvalevog, Beth Latz, Kathy Maynard, Barry Moore, Cindy Nicholas and Lonnie Nixon.**

**Lisa Peck, Janella Price, Kent Reed (All A's), Gary Santrucek, Mark Schoch, Brenda Sipka, Teresa Smith, Susan Somers, Douglas Thering and Wendy Truax.**

## To celebrate 50th anniversary

Mr. and Mrs. James Earegood of Maple Rapids will mark their 50th anniversary with a small dinner on Feb. 6, with their children.

an open house. However, their children are planning a card shower and invite all friends to send cards to the couple at Box 2, Maple Rapids, Mi., 48853.

The couple are from the St. Louis, Michigan area.

**CLUBROMA** ROUND LAKE

Friday, February 6

**WOODY WOODBURY & HIS RHYTHM RASCALS**

9:30 - 1:30 No Cover Charge

Saturday, February 7

**ANNETTE & THE KEYNOTES**

9:30 - 1:30

FOR RESERVATIONS CALL 651-5308

**CITY OF ST. JOHNS**

**NOTICE OF PUBLIC HEARING**

Notice is hereby given that the St. Johns City Commission will hold a public hearing February 23, 1976 at 7:45 p.m. to be held in the Commission Chambers 121 E. Walker Street, St. Johns, Michigan for the purpose of hearing all persons interested in a proposed zoning amendment which, if adopted by the City Commission, would rezone the following parcel of land from R-1 to GC.

Part of Outlot N, Plat of the City of St. Johns, Section 16, T7N, R2W, Clinton County, Michigan, described as follows: Beginning at a point which is South 89 degs. 20'13" West 909.05 feet from a point on the East Section. Line which is North 00 degs. 39'47" West 1708.20 feet from the Southeast corner of said Section 16; thence North 45 degs. 41'10" West 150.00 feet, thence South 44 degs. 18'59" West 200 feet, for a place of beginning of this description; thence continuing South 44 degs. 18'50" West 100 feet, thence South 45 degs. 41'10" East 150 feet; thence North 44 degs. 18'50" East 100 feet, thence North 45 degs. 41'10" West 150 feet to the place of beginning of this description.

F. Bruce Wood  
City Clerk



During the Christmas holidays, McDonald's of St. Johns, owned and operated by Charles E. McCann, distributed McDonald playhouses to all kindergarten and pre-school classes in the area. Star members Barbara Ritz, and Trudy Falor did the honors of passing them out. Along with the playhouses the children also received Be My Guest Cards and Ronald McDonald stick-ons. Shown are students at Swegles Elementary School.

## DAR sponsors American History Month contest

River Watwaysin Chapter, Daughters of the American Revolution met with Mrs. Harold F. Millman for their monthly meeting. Devotions were given by the chaplain Mrs. Dale F. Calder and the president general's message was read by Mrs. Donald B. Couzens.

The National Defense report was given by the chairman Miss Shirley Fouch on "The Prayer

Amendment" by Phyllis Schlafly in the DAR National Defender.

The business meeting was conducted by the regent Miss Maralyse Brooks. Mrs. John F. Caudy reported that the students in the 5th and 6th grades at St. Joseph School were writing essays for the American History Month

contest.

Mrs. Couzens reported that the DAR Good Citizen had been chosen that the chapter is sponsoring. Contributions to DAR Schools Kate Duncan Smith, Tammassee, and to St. Mary's school for Indian Girls were sent as well as contributions for national projects.

Mrs. H. Manning Bross gave the program "Washington Marches On". George Washington appointed General, the first Victory and the Winter at Valley Forge from "Bicentennial Plays and Pageants," a collection by Adeline Fisher.

## LETTER TO THE EDITOR

To the Editor:

As president of the Capital Area United Way, I wish to express concern over a proposed door-to-door solicitation campaign planned by the Michigan Unit of the National Council on Alcoholism.

The Michigan unit is affiliated with the National Council on Alcoholism in Washington, D.C. and not the local Capital Area United Way. The national organization receives funds from Lansing and other Michigan communities through affiliation with the United Way of Michigan.

The local unit which receives direct support from Capital Area United Way is not involved in the proposed campaign.

The Capital Area United Way Agency Relations Committee (Solicitation Review Committee) feels strongly that the National Council on Alcoholism should prevent its affiliates from engaging in such fund-raisers in communities from which revenue is already

derived via United Way contributions.

James L. Bury  
President

## ONE OF BEE'S TEAM



CECIL VILES

Cecil is a member of the New and Used Car Preparation Department at Bee's Chevrolet-Oldsmobile and has been an employee for Bee's for 20 years.

He resides at 310 E. Fulton Street in Perrinton with his wife Neta. They have a son Dale and daughter Ann both of whom are married and live in Whitehall and Stanton, respectively.

Prior to coming to Bee's, Cecil had worked at the Borden Condensory in Perrinton for 12 years and left there when the business closed.

His hobbies include all types of hunting with a lot of his spare time spent working on his old Model A. In his younger days he was known in the Pompeii area as quite an aggressive boxer on the amateur level. His interest in boxing has continued thru the years as he's been an ardent follower of the Golden Gloves for the past 15 years.

PAID COMMERCIAL ADVERTISING  
Third in a series

*Norm Henry Fine Shoes*

After Inventory Sale

<p style="text-align: center;"><b>For Women</b></p> <p style="text-align: center;">WERE: \$11.99 TO \$31.95</p> <p style="text-align: center;">Now \$3.80 to \$17.80</p> <p style="text-align: center;">CHOOSE FROM LADY FLORSHEIM - AIRSTEP JACQUELINE - CONNIE - JOLENE SANDERS - CALIFORNIA COBBLER and BASS</p>	<p style="text-align: center;"><b>For Children</b></p> <p style="text-align: center;">WERE: \$7.99 TO \$21.95</p> <p style="text-align: center;">Now \$3.80 to \$10.80</p> <p style="text-align: center;">CHOOSE FROM BUSTER BROWN MOTHER GOOSE DEXTER BROOKS</p>	<p style="text-align: center;"><b>For Men</b></p> <p style="text-align: center;">WERE: \$15.99 TO \$46.95</p> <p style="text-align: center;">Now \$6.80 to \$28.80</p> <p style="text-align: center;">CHOOSE FROM FLORSHEIM - FREEMAN BASS - DEXTER - PEDWIN HUSH PUPPIES - BATES FLOATERS</p>
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ALL SNOW BOOTS REDUCED UP TO 50%

WOMENS STRETCH BOOTS 1st PAIR SALE PRICE 2nd PAIR \$1.00

HANDBAGS now from up to 50% OFF

SHOP MONDAY AND FRIDAY NITE TILL 9

FORMERLY ECONOMY SHOE STORE

*Norm Henry* FINE SHOES

ST JOHNS · OWOSSO · DURAND · IONIA

# Clinton County News



HAROLD SCHMALTZ—Advertising Director  
JIM EDWARDS—Editor

## British Fort at Detroit feared attack during Revolutionary War



Skyscrapers now tower over the section of Detroit that comprised Britain's most important post in the Old Northwest during the Revolutionary War. This view looks away from the Detroit River at Cobo Hall, a portion of which is visible in the foreground and at left.

There was plenty of fear on both sides of the palisaded walls of the British post at Detroit during the Revolutionary War. The redcoats at Detroit feared an attack by rebel forces might come at any moment. And American frontiersmen, particularly in the Kentucky settlements, lived in constant dread of attack by Indians sent out from Detroit.

The post, which was Britain's most important base in the West during the war, never was attacked by Americans. However, it wasn't because the colonies didn't have its capture in mind. Seemingly countless plans for assaults on Detroit were devised, but it never was possible to raise an adequate force for carrying them out.

THUS, NOT only did Great Britain control Detroit until the end of the war in 1783, but it kept its garrison at this western post for another 13 years before turning it over to the United States in 1796.

Nevertheless, the fear of an attack, particularly by troops of George Rogers Clark who succeeded in capturing posts elsewhere in the Northwest, was always present at Detroit. And besides fearing an assault by colonial forces from the outside, the British really didn't dare to turn their backs for long on their Indian allies or the French who were with them inside the settlement.

The lieutenant governor at Detroit, Henry Hamilton, wrote to a British officer in 1778: "When it is considered how many people in the settlement have connections with the Americans, it will not be surprising if the Virginians should have notice of anything projected against them from this Quarter and though a great deal if not everything depends upon secrecy I must not flatter myself 'till he conceals (as it should) since an Indian for a Gallon of Rum may be engaged to carry letters or intelligence."

After Hamilton was captured by Clark at Vincennes in February of 1779, there was even more concern about rebel sympathizers at Detroit. One of them, Grösse Pointe farmer James Cassity, was forced to leave the settlement for drinking to the success of the Americans and predicting that Clark would soon take the post.

CAPTAIN Richard Lernout, in charge of Detroit after the capture of Hamilton, wrote in April 1779 that "the Canadians (French) are exceedingly amused on our bad success and weakness. . . Not one of them will lend a hand. . . All the Canadians are rebels to a man."

Clark claimed that he received military intelligence from spies in Detroit and Frederick Haldimand, governor general of Canada, warned Lernout of enemies within the settlement. He ordered the Detroit commandant to arrest any persons suspected of aiding the Americans and to send them in irons to Fort Niagara.

Clark's capture of Hamilton also drove a wedge between the British and the Indians. Tribes in the Wabash country announced that they would either join the rebels or remain neutral. In the shadow of the palisades of the fort at Detroit the Wyandots declared that they would make peace with the Americans; and the Ottawa, Chippewa and Potawatomi indicated that they planned to have talks with the rebels.

But for the most part the Indians' service was retained by the British throughout the war, and the sight of them moving out for incursions against the frontier settlements was common to Detroiters. So, too, were the disheartening scenes when they returned, clutching bloody scalps and herding haggard prisoners.

INDEED, DETROIT was a thorn in the side of Americans who sought to gain control of the Northwest during the revolution. It was, as George Washington wrote, "a constant source of trouble to the whole western country."

Not only did Detroit constitute a key position from which the British and Indian forces launched their hand assaults against the colonists along the frontier, but it was also a base that enabled them to control the upper Great Lakes. All that took was a naval force of two armed schooners and three sloops. And not one of the sailors that manned the vessels in 1776 was a gunner.

Sen. Richard Allen

Remember you heard it first here. A politician who says publicly we need a higher tax. Lower taxes and higher spending in your particular area makes for better election success. (Although I think a little better understanding of economics and the causes of inflation would reverse this.) I think we need an increase in the gas tax. Here's why. Local gas tax revenues are insufficient to maintain present local roads and streets, let alone improve them. The recent winter weather brings this point home. Has your road or street been plowed as frequently as it would have been three years ago? Mine hasn't and neither have most. Gas tax revenues are down, cost up. Property taxes and state and federal revenues sharing funds are being used by local govern-

## Back Through the Years



From the Clinton County News Files of 1974, 1965, & 1950

### TEN YEARS AGO

Feb. 3, 1966

Cold weather heating took a heavy toll in fire losses in the St. Johns area during the last week, particularly Tuesday. Two homes were destroyed and another damaged Tuesday; last Thursday a home on North Watson Road was damaged. Perhaps the most tragic of the fires was the one which destroyed the Manuel Alcaraz home on East Walker Road, leaving Alcaraz, his wife and their 13 children homeless.

The Mid-Michigan District Health Department was formerly organized by representatives of the three participating counties Wednesday. Ionia County will not participate. The action taken by the representatives of Clinton, Gratiot and Montcalm counties is the first big step toward releasing state funds for the project. The state must approve the plans before the funds can be released.

The Ovid Register Union is celebrating its 100th year of service in the community of Ovid. In 1866, shortly after the Civil War, the Ovid Register was published in the community of Ovid. This was three years before Ovid was incorporated as a village.

### TWENTY YEARS AGO

Feb. 2, 1956

Old Man Weather was to blame in most cases as seven persons suffered injuries in a rash of minor traffic accidents in Clinton county over the blustery, icy weekend. Five accidents and four injuries were reported on Saturday alone, when a freezing rain made traveling at any speed hazardous throughout the county.

Sealed bids for the construction of a bridge carrying the southbound lanes of U.S.-27 over a drainage ditch 3.6 miles north of St. Johns will be accepted next Wednesday, February 8, State Highway Commissioner Charles M. Ziegler announced this week.

The Michigan Public Service Commission last week authorized an increase in rates for telephone service to the Union Telephone Company to be effective February 1, 1956. The increase granted will amount to \$492,000.00 per year or about

### THIRTY YEARS AGO

Feb. 7, 1946

Albert N. Ketchum, 42, of Elsie escaped serious injury early Monday when the oil truck he was driving exploded after being struck by another truck belonging to the Ace Carriage Co. of Lansing and driven by Dale W. McDowell.

Claims paid to unemployed persons in Clinton county show a steady rise as shut-downs in neighboring factories continue and veterans are being discharged from service in increasing numbers.

Treking home from separation centers such as Fort Sheridan and Great Lakes, along with many others, 106 Clinton county veterans have returned to civilian life in the past 10 days.

Construction work will begin this spring on a new divided four-lane pavement on U.S.-27 between St. Johns and Lansing, according to an announcement this week from Chas. Ziegler, state highway commissioner.

### FORTY YEARS AGO

Feb. 6, 1936

Buffeted by blizzards and shivering in a severe cold wave (that sent the mercury down to a record mark for the winter, Clinton county joined all of Michigan and a vast section of the nation this week in experiencing the worst storm in several years.

Originally scheduled for Tuesday, Feb. 4, the examination of George Blank on the charge of first degree murder in connection with the death of his wife, Mrs. Bernice Blank, Jan. 5, at his farm home near Maple Rapids, has been postponed until 9 a.m. Monday, Feb. 10. It will be held before Justice Howard A. Potter at the city hall in Ithaca and may last two days. As his conclusion, the defendant will probably be bound over to circuit court for trial, although this action may be delayed should Prosecutor Robert L. Arnold decide to petition for a one-man grand jury; investigation, due to the "unwillingness of some of the witnesses to talk."

There is controversy over whether the bill will actually do what it is intended to do, deter crimes with guns. We hope that it will act as a deterrent and cut down on the number of crimes committed with a gun.

With a concern for health and pollution, we recently passed legislation which would sharply restrict the use of polychlorinated biphenyls (PCBs), a poisonous industrial chemical that has become a major pollution problem.

The bill eventually would halt foreign manufacturers' sales of PCBs for uses that state officials say would lead to water pollution. Monsanto Company, the sole U.S. manufacturer of PCBs, has already limited sales voluntarily.

In humans, PCBs affect liver function and can cause skin lesions. The chemical interferes with the reproductive process of many animals, including birds, whose eggs may have defective shells if they consume even tiny amounts.

PCBs have been found in Lake Michigan salmon, I'm told, at levels four times the maximum allowed.

Once the bill becomes law, the Department of Natural Resources says the PCB level in fish would begin declining in as little as two years.

Legally our Upper Peninsula can secede from the State of Michigan and form the State of Superior as some of my colleagues from the north are suggesting.

They asked the Attorney General for a ruling to see if it could be done. They claim they are dominated by the wishes of the Lower Peninsula and wish to make it on their own.

First the Legislature and the U.P. residents themselves must

# Report from the capital

## State Representative

### by Stanley Powell

My colleagues in the Senate are deciding the fate of several bills relating to smoking. They are considering a four-bill package which would restrict smoking in food stores, hospitals, restaurants and public meetings.

We in the House approved all but the public meeting room bill earlier by comfortable margins. The public meeting room bill is facing its first big test since it was introduced by a Senator and hasn't come before us yet.

The legislative package would require: -Food stores to post "no smoking" signs in all areas except limited places set aside for smoking by employees and customers.

-Restaurants with a seating capacity of more than 50 persons to prohibit smoking in specified areas marked off by signs.

-Hospitals to adopt policies that would protect patients against exposure to tobacco smoke, if they desire protection; to outlaw sale of tobacco products on their premises and to restrict to designated areas smoking by patients, hospital staff and visitors.

-Public bodies to designate space where smoking is allowed.

Violation of any provisions of the proposed laws would be a misdemeanor. Enforcement of the restaurant, hospital and grocery store bills would be aided by the fact that the state licenses such institutions.

Probably, the most controversial one will be the proposal to restrict smoking in public meetings.

MANDATORY SENTENCE. We're getting closer to mandatory prison sentences for those convicted of committing a felony with a gun.

The Senate recently approved our House bill and we are now asked to concur in some amendments made to it by the Senate. As the Senate amended the bill, it would take effect January 1, 1977, and would require a two-year mandatory sentence upon conviction of first offense, a mandatory five-year sentence for a second conviction and a 10-year sentence upon a third or subsequent conviction.

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Legally our Upper Peninsula can secede from the State of Michigan and form the State of Superior as some of my colleagues from the north are suggesting.

They asked the Attorney General for a ruling to see if it could be done. They claim they are dominated by the wishes of the Lower Peninsula and wish to make it on their own.

First the Legislature and the U.P. residents themselves must

approve the action. Then the area would become a territory of the United States and would have to apply to Congress for admission to the union.

The Attorney General said the U.S. Supreme Court has in several cases found no prohibition against a segment of a state forming a new state. The last such separation was in the Civil War era, when a part of Virginia asserted independence and became West Virginia.

LAND PRESERVATION. Since Governor Milliken signed the Farmland and Open Spaces Preservation Act of 1974, I'm told that some 88,000 acres of active farmland in Michigan have been placed in the program.

The purpose of the program is to allow farmers to keep farmland in production and to preserve natural areas and historic sites. It provides property tax benefits to those who commit their lands to the program for a minimum of 10 years.

As of mid-January, I'm told that 580 applications were received. Of those, 300 were approved for 1975 tax purposes. Some 33 contracts have been signed, officially accepting applicants into the program.

The remaining applications are expected to be approved when the State Tax Commission completes appraisals of the land.

The 33 contracts signed to date represent 3,894 acres of farm land and 2,537 acres of local open space.

FOR SENIOR CITIZENS. Two bills aiding our senior

citizens were acted upon recently, one providing transportation and the other meals for them.

We in the House approved action to allow local school boards to waive the cost of transportation for senior citizen groups that use school buses for special events. This would help our elderly people get out more often by removing a cost restriction which may have kept them home before. This bill has gone to the Senate.

The other bill, first passed by the Senate and now by us also, allows school districts to contract with senior citizen groups or agencies for the use of the school kitchen facilities to prepare meals. Many schools currently contract with "Meals on Wheels" or similar food programs for senior citizens. By passing this legislation, we're insuring that such use of public school facilities is legal.

IDENTIFY YOURSELF. Anyone who doesn't drive can now apply for an official Michigan identification card. Applications are available at all Secretary of State driver licensing offices.

The ID's are not limited to non-drivers. However, they are designed to substitute for driver licenses where proof of identification is necessary. Previously the cards were issued by the Michigan State Police.

An original card will cost \$3 and renewal will be \$1.50. The cards will be labeled "Michigan Personal Identification Card" and will include a photograph of the individual, an ID number, name, address, birthdate, sex and signature.

## Letters to the Editor

### A taxpayer's lament

Dear Editor,

In regard to the editorials in the Clinton County News of Dec. 24 and Jan. 21, I don't see criticism, just the plain truth. Why should district judges have an increase in pay when we have inflation as they call it?

They have to give a name to make it legal. Any district judge who gets \$30,000 a year is enough. Does Governor Milliken know where his bread and butter comes from?

Give to the taxpayer what the district judges got and nobody around here will have to take his savings to pay taxes.

Governor Milliken in his state message said now is the time to apply new things to solve old problems.

The people never find out the truth until 2 or 3 years after it happens or never.

Look at the Watergate affair. The only thing the taxpayer got was more taxes. The people that have money will not go into any business because the government sticks their nose in everything from shoeing to your name it and they are right there to see how many thousands they can get.

Let the people have what they earn. And why should anybody pay income tax?

They say the state and government will them everything they want. That is why we have 84,000 on supplemental security and Medicaid. Who is the state or government? (The taxpayer).

The political life requires financing, that may be why we have so many wealthy in the House and Senate. The New York Times reports there are 22 millionaires in the Senate and probably, more than 22 in the House.

If we could raise our pay

when we felt like it, we would not be living on peanuts. Why such men have a job? They could live on interest.

I hope and pray that the president, vice president, governor, mayors, representatives and senators come to their senses before it is too late.

No president, vice-president, governor, mayor and senators should be allowed to raise their own pay or have someone else do it for them.

That should be up to the people when they vote. When do we get our check from the governor like the district judges? Or say when is the governor going to make it legal and give.

It is not what you know, it is who you know.

As far as the school busing goes, it is communism. Let the children go to school where they always did. It is as stupid as the day is long. To bus a child to the other end of town when they have school across the road or a couple of blocks away.

The government and lawyers telling the people what to do is communism. That is what we got when Franklin D. Roosevelt came in the White House and it has been going strong ever since. I wonder where our president, governor, representative and senator were when the busing law was made. The judge and lawyers that are involved in the district busing are not doing right.

Where are they saving gas and the taxpayers money? Have they been in Cuba?

Don't they know that we have inflation. That is what they tell from Washington. Everybody has inflation but the big shots in Washington.

Miss Cecilia Thelen  
Fowler, Michigan  
Rt. 1, Box 5

## FOR SALE

1972 Chevrolet 1/2 ton Pickup with flasher, tool box and Veeco Crane. Bids will be received by Clinton County Department of Public Works at 1003 S. Oakland St., St. Johns, Michigan until 7:30 p.m. February 17, 1976. D.P.W. reserves the right to reject any or all bids.

Signed,  
Clinton County D.P.W. Board

## RESIDENTS OF FOWLER

The last day to register for the Village Election is February 9, 1976. The Fowler Village Office is open every Friday, or you may register at 10910 E. Fifth St., Fowler any time.

Winnie McKean  
Village Clerk

## NOTICE OF BID

The Board of Clinton County Road Commissioners will receive sealed bids at 701 West State Street, St. Johns Michigan until 11:00 A.M. Wednesday, February 18, 1976 for the following item.

### SUPPLYING 22A GRAVEL ON COUNTY ROADS

Specifications may be obtained at the Road Commission office.

The Board reserves the right to reject any or all bids and to accept the bid that is, in their opinion, in the best interest of the Commission.

### BOARD OF COUNTY ROAD COMMISSIONERS

Paul Nobis, Chairman  
Marvin Platte, Member  
Cleo Friend, Member

## Report from the Senate

ments for roads. There are other needs for these source revenues. Transportation should pay its own way.

WE DO NEED a broader transportation program. Our railroad system needs preservation and updating both because it is fuel efficient and because the high quantities of farm products and heavy industrial materials it carries simply could not be put on our present highway system.

Metropolitan areas need mass transit to save gasoline, relieve congestion on existing freeways and maintain inner city viability. It can be argued the gas tax should not be used for these purposes, but I would only ask is the property tax or income tax a better choice? In my opinion, no.

You could argue that gas taxes are already high and I

would agree. But not high compared to other costs of transportation. You need three things to operate an automobile. An automobile, gasoline and a road. A typical driver spends yearly \$500 to \$900 on auto maintenance and depreciation, \$300 to \$800 on gas and \$150 to \$400 on roads through gas taxes. If he finances the car bankers get as much of his transportation dollar as road builders and maintainers.

You can even throw in the argument that our country must decrease its consumption of foreign oil and that an increase in gas tax will do this more fairly and cheaper than rationing.

The Governor is currently giving consideration to a new transportation program. Right now he is considering primarily other sources of revenue than the gas tax. I think the gas tax would be the best choice.

### Ag. Dept. updates farm publication

The Michigan Department of Agriculture is updating its listing of pick-your-own farms and farm markets for 1976 publication.

Growers who wish to be listed are asked to send information by February 10, 1976 to the Information Division, Michigan Department of Agriculture, Lewis Cass Building, Lansing, MI 48913.

Information should include:

Name of farm or market, name of farm owner, mailing address, directions to farm or market, products available, dates open, whether operation is pick-your-own or farm market, telephone number.

Name of farm or market, name of farm owner, mailing address, directions to farm or market, products available, dates open, whether operation is pick-your-own or farm market, telephone number.

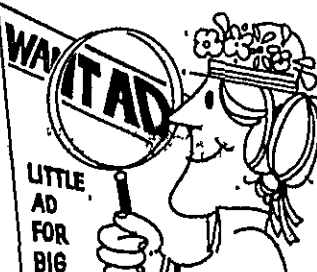
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## NOTICE

### VILLAGE OF OVID RESIDENTS

Monday, February 9, is last day to register for Village Annual Election. I will be at the Village office until 5 P.M. and at my residence, 228 W. Pearl St. until 8 P.M.

Dale Crosslan  
Village Clerk

# Elsie

Funeral services were held Sunday, Feb. 1 in Grand Rapids for Michael Cobb, seven-year old son of Mr. and Mrs. Lee Cobb of Grand Rapids, and grandson of Mrs. E. Jean Cobb of Elsie. Michael had been in ill health for several weeks and passed away Friday night.

Survivors included: his parents and grandmother; a twin sister, Cynthia and a brother, Mark Cobb.

Several area men, who have been under treatment at area hospitals are now able to be out and some back to work. Among them are Frank Ladisi, Oliver Darling and Ira Bashore. Durward Conklin has also returned home from a Flint Hospital and is now at home, convalescing from serious injuries in his recent accident. Boyce Wooley is being cared for in his home.

Mrs. Elaine Sturgis underwent major surgery at Carson City Hospital recently.

Mrs. Hazel Blayney is under

medical treatment at the Owosso Memorial Hospital.

The Woman's Literary Club will hold its next meeting at the home of Mrs. Gene Schoendorf at 240 E. Pine St., Elsie, Tuesday evening at 7:30 p.m. on Feb. 10.

Mrs. Thelma Rule will present the book review. Plans will be completed for the dinner party on Feb. 24 for a program on Village Management.

The Elsie Lions Club is sponsoring an essay contest, the topic "Why I Like To Live In Elsie" in 250 words or less. There will be cash prizes awarded.

Following are the rules: 1. Any student grades 5 through 8 living in the Elsie area may enter and 2. Essays must be completed and subjected no later than midnight of February 28, 1976. Mail or deliver your essay to Norman Snyder, President of Lions Club, 211 W. Oak St., Elsie.

Leroy Winans has accepted a position as plant manager of Gould Battery Co. at Dunmore, Pennsylvania. The past eight years he has been at the Shreveport, Louisiana plant and previously at Ford Motor Co., branch in Owosso.

Mrs. Winans and four children will remain in Shreveport until spring when they will move to Clark's Green, Pa., near her husband's work. Winans is the oldest son of Mr. and Mrs. Carl Winans of Elsie.

Mrs. Pearl Loynes celebrated her 93rd birthday Wednesday, Jan. 23 when she was surprised at the home of her neighbor, Mrs. Thelma Rule.

Special visitors were Mrs. Cleo Parks, soon to be 91, Mrs. Collins, nearly 88 and Mrs. Esther Tweedie who is spending the winter with her son and family, Mr. and Mrs. Ernie Tweedie at Thompson in the Upper Peninsula.

Other guests were: Wilma Miller, Francella Walling, Ellie Micka, Ruth Peltier, Christine Kremer and Daisy Talley with whom Mrs. Loynes resides at 120 E. Maple St. Elsie.

The refreshment table was decorated in pink, blue and white and featured a beautiful birthday cake. The guest of honor received several nice gifts.

Upon arriving home, Mrs. Loynes found a bouquet of pink carnations from her nephew, Jim Loynes of California.

## Airman Conger

SAULT STE. MARIE -- Airman First Class Michael P. Conger, son of Mr. and Mrs. Paul R. Conger of 5552 N. Flrigger Road, Elsie, is a member of the Outstanding B-52 Stratofortress Crew of the Month at Kincheloe AFB, Mich.

Airman Conger's crew was cited for extraordinary performance during operational training missions. He is an aircraft maintenance specialist with the 449th Organizational Maintenance Squadron of the Strategic Air Command.

The airman is a 1972 graduate of Owosso High School. His wife, Karla, is the daughter of Mr. and Mrs. T.J. Sternad of Los Angeles.

1000 lids a minute. Those two lines alone will generate approximately three million lids each 24-hour day, Kerr and Bernardin both announced plans to increase their production capacity and Owens-Illinois has announced its intention of becoming a major factor in the home canning equipment business. There are also several smaller companies that have announced plans to produce home canning caps and lids. With this added production, we (Ball Corporation) don't believe that the citizens of Michigan will have any problems securing adequate supplies of home canning jars and/or caps and lids during the 1976 season.

This increased production capability by Ball will about double their 1975 figures, Spaniola claimed.

--Bes Lid of Rochester, Michigan, a new company being established, will be producing lids for the area's canners.

"It was estimated by the United States Department of Agriculture that the average canner uses 150-250 lids or 13-20 dozen per season. Based on 797,000 canning families in Michigan, they estimated the canner could have expected five to six dozen lids (5-6 packages) per family last season. I would anticipate a figure about sixteen dozen for 1976, provided the number of canning families stabilizes around 800,000. By comparing these estimates, I believe it is evident there is little chance for a surplus of lids as the manufacturers suggested," said Spaniola.

"Last season the manufacturers claimed that hoarding was a major cause of the shortage. Now as we look back, it is apparent that canners were unable to buy any extra quantities of lids. There were cases though, that some purchasers bought and sent lids or redistributed lids to their friends and relatives who were having more difficulties in finding lids in their areas. Black market and other unethical operations had a minimal impact on the shortage," Spaniola noted.

"Therefore, barring some unpredictable event or continuing increases in the number of canners, there should be a supply of canning lids closer to our needs, but possibly not enough to completely satisfy our needs in 1976," Spaniola summarized. "I believe that focusing on this industry by this committee has certainly helped increase the manufacturers' awareness of their responsibilities to their consumers."

## Ovid-Elsie Area School report

The meeting was called to order at 8:06 p.m. by President David Hill with the following members present: Richard DePond, Merle Green, David Hill, Frank Riveat, Glenn Webster and Thomas Winkler. Members absent: Charles Bracey.

The meeting was opened with the Pledge of Allegiance to the flag of the United States of America.

Motion by T. Winkler, supported by F. Riveat to dispense with the reading of the minutes of the regular meeting of January 12, 1976, and approve them as printed, Motion carried.

Motion by R. DePond, supported by G. Webster to approve payment of general fund bills represented by checks numbered 2824 thru 2943 in the amount of \$131,630.00. Motion carried.

President Hill read a letter of resignation from Mrs. Marie Holem, of St. Charles, Michigan. Mrs. Holem had previously been granted a maternity leave but it became apparent to her she would not be returning to Ovid-Elsie, therefore, offered her resignation from the position of home economics teacher.

Motion by R. DePond, supported by M. Green, to accept with regrets the resignation of

Marie Holem. Motion carried. President Hill read a letter received from Mrs. Marjorie L. Parmenter stating her acceptance of the Board's alternative proposal of two (2) weeks suspension with no grievance filed, and return to her classroom January 28, 1976.

Mark O'Donnell, athletic director, was present to present the financial report of the income from football game's gate receipts and expenditures for officials, equipment and other game management activities. His report also included expenditures assumed from the golf and the girls' basketball season.

Mr. O'Donnell also stressed the need for a better practice field for the football teams. A projected expense for football helmets was predicted by Mr. O'Donnell. By 1980, to qualify, helmets must meet certain new specifications.

Superintendent Kenney remarked on the results of the assessment tests, required by the State of Michigan, given to fourth and seventh graders. The Ovid-Elsie students tested above the state average.

Hugel Leonard, East Olive Elementary Principal, was present to elaborate on the testing program with its goals and objectives.

Motion by M. Green, supported by F. Riveat to hire Mrs. Juva Lea Thomlinson for the fourth grade-teacher at Bannister school. Motion carried. Superintendent Kenney disclosed to the Board that due to the expansion of the kindergarten enrollment in the Ovid elementary, resulted in the necessity of an equalization move and the retention of aides for these rooms.

Superintendent Kenney related the plans to implement free lunches for Senior Citizens of the Ovid-Elsie area. Tentative plans allow for one day of serving lunches at each village. The meals would be served at the junior high school buildings after the students' lunch hour. The goal is to institute this program by mid February. Final plans will be announced as soon as possible.

Motion by G. Webster, supported by R. DePond to adjourn meeting at 9:20 p.m. with an executive session to follow.

## Elsie Library Historical Assoc. discusses membership drive

The Elsie Library Historical Association met Wednesday evening, Jan. 23 to discuss a membership drive at the home of its president, Mrs. Thelma Rule. It was decided to hold the next meeting at the Historical Room of the Elsie Public Library on Wednesday evening, March 17.

There will be many committees assigned to work in various areas. Someone will be telephoning about this and those interested are asked to attend

and bring someone who also would be interested.

Some of the work areas are: genealogy, decorations, arts and crafts, rare books, picture photographs, old records and papers. Among the collections there could be: glass and china, silver and carvings, antique dolls, minerals and stones, records of organizational items and those of servicemen.

Other committees needed are: publicity, displays, selection and screening, old primers, patchwork quilts and

## Elsie Lions have two special February nights

ELSIE (c) -- The Lions Club met in the Masonic dining rooms for Monday night dinner catered by Jim Hurst. Norman Snyder presided for the business meeting. The budget was discussed for January through June and approved. This month there are two special meetings planned. Feb. 1 is Farmer's Night and Feb. 16 is Past President's Night.

Among the fund-raising projects announced for the next

few months were: fish supper, white cane week, pancake supper, car wash and carnival.

Work functions for projects within the community were: membership drive, indoctrination classes for new members, attendance to State Convention in March and clean-up project on Maple River. There will be a 35th anniversary of the Lions Club Feb. 23, 1976. Other projects were: anticipating party for han-

dicapped children of Elsie, essay contest and attendance to Belding Camp.

In the spring, work has been planned to assist the Senior Citizens and a drive to collect eye glasses to be sent overseas, and a possible visit to Leader Dog School, a tea for wives of new members with Mrs. Snyder as hostess, visit to school for the Blind in Lansing.

The following committees have been appointed: Duane Green - Leader Dog; Eldon Baese - state convention; Joe Thering-financial; Al Pontack-program; Burton Tabor - public service; Harry Huntoon - administrative; Russell Libby - white cane; Bob Bloomer - sight conservation; and George Keck - public relations.

A new film (Internal Revenue Service) "Appeal Rights of a Citizen if audited by IRS," was shown.

## Cederberg liaison visits county

Congressman Elford A. Cederberg's liaison man, Ronald V. Stolz, will be visiting

the Clinton County Courthouse in St. Johns on Monday, Feb. 2, from 11 a.m. to noon.

## Financially strapped residents may get sewer tap-in break

Financially beleaguered Michigan residents may be getting a break on their sewer tap-in fees under a recently-passed bill (H.B. No. 5802) sponsored by State Representative Francis R. Spaniola (D-Corunna).

Spaniola's bill would permit total or partial fee deferments for property owners who, due to hardship, are unable to pay the required tap-in fee for connection to the public sewer system.

"During last session, the legislature attempted to do the same thing by passing Public Act 38 of 1974," said Spaniola. "Unfortunately, that act amended an act which was earlier declared unconstitutional, so it had no beneficial effect."

The unconstitutional act was replaced by another measure which met constitutional

requirements, but the earlier act was not repealed. Spaniola's bill would amend the effective act and repeal the unconstitutional act.

"This is an important measure for two reasons," said Spaniola. "It clears up a legislative error which occurred during the previous session, and it provides relief to persons who have difficulty coming up with the necessary funds for adequate sewer facilities."

"This money does not take money away from the state," said Spaniola. "It only delays payment until a date when it may be easier for some persons to come up with the necessary funds."

"As a condition of deferment, the agency granting it may require mortgage security on the beneficiary's property, or on before death or on the sale or transfer of the property."

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# Golf pro refuses to let blindness change lifestyle

To most golfers, shooting a 91 for 18 holes is a dream. But, to Greg Matthews, a blind golf professional, shooting a 91 is a beginning and shooting in the 80's is his goal.

In his address to the students of the DeWitt Middle School on Wednesday, Jan. 28, Matthews said, "Life is full of challenges," and proceeded to tell the students of his life as a blind person.

Certainly, this man who lost his sight as a result of diabetes at the age of 36, has had many challenges during the past five years in which he has lost his sight.

"IN THE FALL OF 1970, I started going blind. By May of 1972 he was told by his doctor in St. Louis, Mo., that his chances of regaining his sight were one in 100.

"The one chance is the Man's up above, and His chances aren't that good," joked Matthews about his doctor's report.

Up until this time in his life, he felt, he "had the tiger by the tail" as he put it. He was happy with his wife, two children and a blooming career as a golf professional at the Elks Country Club in Kalamazoo.



Though blind for the past five years, Greg Matthews still has kept his job as a golf professional at a Kalamazoo golf course. During the winter he visits schools and talks about his experiences at the Leader Dog School and gives golfing tips to the students.

"I WENT INTO A DEPRESSION," admitted Matthews, referring to his post-diagnosis period. "I felt I was run over by a steam roller."

"You know, many people think money is the most important commodity in this world. With it you can get almost anything. I believe the most precious commodity are people who give 110 per cent of themselves to help others. I believe the most precious commodity is a friend," Matthews philosophized to his young audience.

With the help of friends, Matthews was encouraged to obtain a leader dog and the following October he entered the Leader Dog School in Rochester sponsored by Lions Club throughout the United States.

FOR 30 DAYS he learned how to co-exist with a dog. "The first time I called out his name, Teddy, he came up and licked my face," reminisced Matthews.

At first he didn't like the idea of putting himself at the mercy of a dog, and yet he didn't want to be dependent upon people's elbows as a source of guidance throughout the rest of his life.

He worked hard at the Leader Dog Training School and took his share of bumps and bruises during his first couple days walking with his dog which would "be his companion forever.

He hit dozens of trees, dumped into parking meters, buildings, fell twice, and even walked into a steel pole and knocked himself out.

The trials and tribulations were well worth it, however, according to Matthews who said, "I finally got on my feet, shakey as I was."

"Today I am one of the happiest people you will ever know," he exclaimed. "I'm surely not happy with being blind, but I am happy with myself."

IN 1973, MATTHEWS was named the Michigan Section Golf Professional of the Year, and award given for dedication to golf, to the Professional Golfer's Association, to the golfers at his course, for his activities as a professional and for his interest in his community.

The Michigan Section members, many of whom held high national positions in the PGA, honored Matthews for his determination and decision to reach out for goals and try to achieve.

Following his own personal experiences as a blind person, he asked two students to cooperate in an experiment to demonstrate how difficult it is to walk when one is blind.

The two students, Dave Howland and John Smailey, were blindfolded and given Matthews' white cane and told to navigate through a maze of chairs set out on the basketball court so that all students could see them stumble into chairs and come up against the walls of the gymnasium.

For the audience, these two students brought laughter and yet all understood that being without the use of one's eyes is a terrible disadvantage.

MATTHEWS THEN DEMONSTRATED how he could negotiate the maze of chairs with the aid of his dog, Teddy, before he demonstrated his golf abilities.

He told how his coaches place the ball in front of his club, tell him how far he is from the hole in which direction he should aim. From then on, it's his job to hit the golf ball.

Matthews hit a few golf balls, relating the fact that some golfers have a tendency to look up at their ball too soon after they've hit it. "I've got no reason to peek now," he joked.

Now he is learning braille with the help of his daughter who is playing the role of his teacher. He also received a special watch from his wife, Jan, for Christmas and has learned to read the time by feeling the hands of the watch.

"You know, there are advantages and disadvantages to every situation. I probably wouldn't have gotten this watch if I hadn't been blind," he said thankfully in his closing remarks.

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Oct. 4, 1833

News photos  
features  
from the  
**DeWitt Area**

## You can raise a leader dog

Students who wish to raise a puppy for the Leader Dog program may contact David Lusty, president of the DeWitt Lions Club at 494-2124.

Speaking during Matthews' assembly, Lusty told the audience of a 4-H Leader Dog puppy program entitled the Tail Waggers Club. Members of the club raise the Leader Dogs until they are old enough to go to the

Leader Dog Training School in Rochester.

The Lion's Club offers to pay any veterinarian or medical bills incurred by the dog while it is in the puppy program.

Students may also contact the 4-H extension office in St. Johns. There are three puppy programs within the county including St. Johns, Ovid-Elsie and Pewamo-Westphalia.



On behalf of the DeWitt Middle School student body, Student Council secretary Leigh Stauffer presented Greg Matthews with a check for \$50 to go toward the Leader Dog Training School in Rochester.

## Sgt. Mary Mitchell at Kincheloe AFB

SAULT STE. MARIE - U.S. Air Force Sergeant Mary T. Henderson, daughter of Mr. and Mrs. Louis Epkey of 11415 Francis Road, DeWitt, Mich., has arrived for duty at Kincheloe AFB.

Sergeant Henderson, a flight simulator technician with a unit of the Strategic Air Command, previously served at Carswell AFB, Texas. A 1971 graduate of Fowler

High School, the sergeant attended Alma College. Her husband, Robert, is the son of Mr. and Mrs. Robert I. Henderson of Barberville, Fla.

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## The Clinton Republican

EXTRA

St. Johns, Mich., Sept. 17, 1901.

### MEMORIAL SERVICES FOR THE LATE PRESIDENT.



### Proclamation By President Palmer:

Pursuant to the proclamation of the President of the United States and the natural wish of every loyal American citizen, upon this sad occasion, the death of Wm. McKinley, and the nation's loss of a beloved President, it is desirable that appropriate expressions of grief and sorrow, by outward and visible observance of proper forms of mourning, to give expression to the inward sense of national loss and personal sorrow. In the line of such observance I ask and recommend, that during the day set apart for the funeral observances—Thursday, Sept. 19, 1901, all places of business, of all kinds, and schools of the Village of St. Johns, be closed from 12 a. m. to 5 p. m. and at the hour arranged for the funeral, appropriate religious services be arranged for and held.

HENRY PALMER,  
President.


Religious services will be held in M. E. Church, Thursday afternoon at 2:30. Judge S. B. Daboll, Mr. J. C. Dooling, and possibly others will speak.

The above was published in the Sept. 17 extra edition of the Clinton Republican and tells of the memorial for President William McKinley, victim of assassination. The clipping belonged to Ralph Woodruff who has donated it to the DeWitt Public Library.

# DEWITT BUSINESS DIRECTORY

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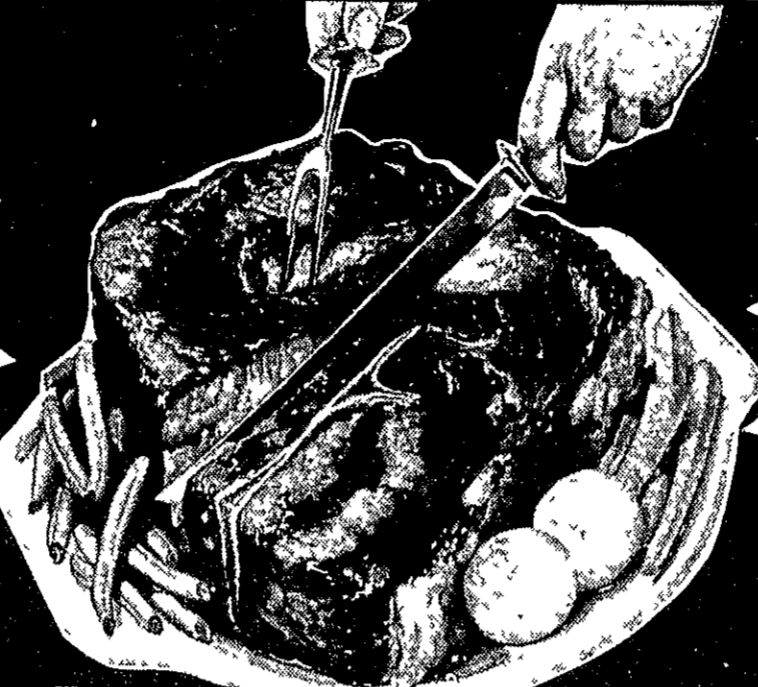
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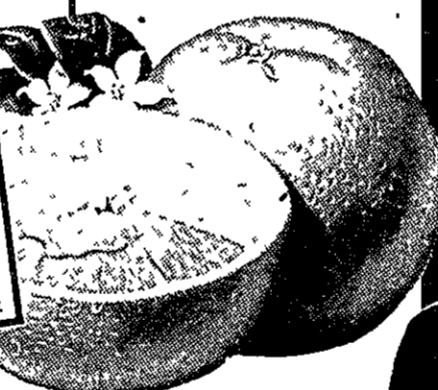
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Sweet Fresh Pineapple

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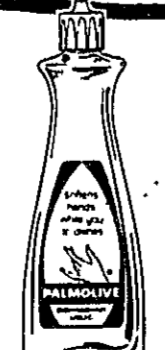
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# Farming and 4-H - - - in Clinton County

## 4-H Chatter

### Named to State 4-H program

By JOHN AYLSWORTH



Mary Bergdoll, St. Johns, and Mark Walsh, Grand Ledge, have been named to the Michigan 4-H TEAM (Teen Enrichment & Maturity) Program. These two Clinton County 4-H'ers join 27 other outstanding 4-H'ers throughout Michigan in this special program.

The TEAM program includes a series of involvement activities across the state designed to create social awareness opportunities, as well as personal development experiences.

The first of these activities, held in Jackson the weekend of January 16-18, featured visits to public housing programs, emergency dispatch center and Southern Michigan Prison. The group also attended the 4-H Mall Show and the Stone Village theater production.

Future activities will include a look at local and state government in the Kalamazoo area and a visit to the Clare-Gladwin Day Care Center for the handicapped. A special program activity will be participation in the 4-H Exploration Days and Salute '76, the Michigan 4-H tribute to the bicentennial.

The TEAM program will also serve as a vehicle for selection of participants for the Danforth Leadership Camp Program, Michigan 4-H State Council, National 4-H Conference and other various state activities. Mary is a member of the Willing Workers 4-H Club, taking projects in Teen Leadership, Vegetables and

Foods. She is a senior at St. Johns High School, where she also won the Voice of Democracy speech contest. Her 4-H club leader is Joann Witt. Mary is the daughter of Mr. and Mrs. Raymond Bergdoll.

Mark is a member of the Eaglettes 4-H Club, taking projects in Beef Cattle, Vegetables and Teen Leadership. His club leader is Alice Sullivan. Mark is a Junior at Lansing Catholic Central High School and is the son of Mr. and Mrs. Ronald Walsh.

Mary and Mark also represent the 4-H teens on the County 4-H Council.

All TEAM participants were initially selected by counties last fall. After participating in district program workshops, the State TEAM delegates were selected. This program is jointly sponsored by the Michigan 4-H Youth Programs and the Michigan 4-H Foundation.

**HOST JAPANESE YOUTH**  
Clinton County 4-H'ers have an opportunity to host a Japanese Youth this summer for 4 weeks from late July and early August. Michigan is again planning to participate in the Japan-Labo Exchange by hosting 75 Japanese youth and adults. We are limited by the Labo Foundation to having farm families serve as host families. Any 4-H family interested in serving as a host family should contact the County Extension Office in St. Johns for an application and more information. It is hoped that whoever is selected as a host family this year will be

able to send one of their family members to stay with a Japanese family next summer.

**HANDICRAFT WORKSHOP**  
4-H Handicraft leaders are urged to attend a meeting on Thursday, February 12th, 7:30 p.m. at the Central National Bank Community Room in St. Johns. Clarence Hargraves, Capital City Lumber in Lansing, will present a program on different finishes 4-H members might use on their projects.

**CRAZY CREATIONS**  
The Village Elves 4-H members attended the "Crazy Creations Day" on January 31 and plan to decorate their jeans with embroidery. Demonstrations were given by Mrs. Charles Wittenberg on Cake Decorating. The members tried their skill and enjoyed it even if it was messy. Angie Elder gave a demonstration and the members enjoyed the refreshments.

**TRIPLE C NEWS**  
The Triple C 4-H Horse Club members gave suggestions for their litter barrel exhibit for the fair. The members are working on their Vet Science project and plan to visit MSU Vet Clinic sometime soon. Tracy Mohrke, the club leader, read an article on house safety and suggested the members try to do something to improve house safety this winter.

**PLAN COOKOUT**  
The Show Offs 4-H Dog Club members are planning a cookout on Feb. 21, 2:00 p.m., for members in the club. Dues were collected, items in the Leaders' Green Letter were discussed, and the dogs were worked through a number of exercises.

**ROLLING ALONG**  
The Stoney Creek 4-H members are busy with their projects and plan to go roller skating Feb. 19, 7 p.m., at the Ranch Roller Rink in St. Johns. Three of the members are taking roller skating for one of their projects.

**DALLAS DUSTERS**  
The Dallas Dusters 4-H Club members enjoyed their Christmas Party at Kathy Thelen's home. Earlier the group had gone Christmas caroling at the County Farm. Each member bought a small gift of cookies and candy for each of the people at the County Farm.

**LEARN ABOUT HEALTH**  
The Green Acres 4-H Club members learned about health, as Dr. R.L. Wohlers, a dentist from St. Johns, discussed how sugar affects our lives and teeth. The members felt the program was very informative and interesting. Brenda VanVleet gave a report on the Club's Christmas Party and Mrs. Gladys Irish discussed various items in the Leaders' Green Letter, affecting the 4-H program. Mrs. Nancy Miller and Mrs. Gwen Tait discussed the 4-H roller skating activity.

**SNOW CAMP TRIP**  
79 Clinton County 4-H members and leaders had an enjoyable weekend, Jan. 24-26, at Traverse City for Clinton County's 4-H Snow Camp Trip weekend. The group enjoyed the fun of tobogganing and snowmobiling, but there was actually too much snow for good snowmobiling. Armond Smith and Gerilyn Favor of Green Acres 4-H Club were selected as King and Queen of the Sunday Evening Party, with the theme Winter Magic Moments. The meals were terrific again, as Mrs. Evelyn Helms and staff turned out everything very successfully in the kitchen with plenty to eat. Dates for the 1977 Clinton County Snow Camp will be January 29-31.

## Meet your 4-H leaders

### Barbara McKeachie



BARBARA MCKEACHIE

Barbara McKeachie enjoys doing ceramics and has been a leader in that project for 3 years. Her children, Lecia and Philip, also enjoy it. Going to stock car races with her husband, Philip, roller skating, camping and collecting antiques are among her favorite pastimes.

When the 4-H club in their area had so many members wanting to take ceramics that one leader couldn't handle them all, Barbara decided to help. She said, "I found I really enjoy showing kids how to make a ceramic piece." This year she is helping 8 4-H'ers with their ceramic project.

Barbara is a homemaker and lives with her husband, Philip, and children at 4080 Lehman Road, near DeWitt.

### William Brasington



WILLIAM BRASINGTON

How to use a carpenter's square for your woodworking project is just one example of what Bill Brasington teaches as a woodworking leader in the 4-H Wonders Club. Brent Brya is shown getting help from Bill. Bill became involved with 4-H as a child enrolled in the Montcalm County 4-H Program, and has been a 4-H leader in Clinton County for 8 years. He also leads the Hunter Safety Project. Joyce, his wife, and sons Joe, Doug, Phillip, Tim and Jeff, and their daughter Vicki get involved with 4-H, too. "Seeing the 4-H'ers get a blue ribbon on their projects at the fair is very rewarding," says Bill, "especially if they have worked hard."

Bill is employed by Federal Mogul in the Engineering Department and enjoys fixing cars in his spare time.

## Former Oregon grower will speak during MSU Farmers' Week

EAST LANSING - Former Oregon Gov. Tom McCall will be a featured speaker during Michigan State University's annual Farmers' Week, March 22-26.

McCall will be on campus Thursday, March 25, as part of MSU Natural Resources Days. He will speak during the "MSU Friends of Natural Resources" banquet at the Brody complex across from Kellogg Center.

McCall, calling himself an independent Republican, was elected Oregon secretary of state in 1964, and was governor from 1966 through Jan. 13, 1975.

He is credited for implementation of comprehensive environmental protection laws, bonding issues for pollution control, creation of state bicycle and hiking trails. During his administration Oregon passed the nation's first "bottle bill," requiring a deposit on all beer and carbonated soft drink containers.

He received the American Scenic and Historic Preservation Society's "Medal of the Society Award" for contributions in the field of conservation and preservation of the American heritage. In 1974 he was cited as "Conservationist of the Year" by the National Wildlife Federation, as "Environmental Educator of the Year" by the National Association of Environmental Education, and as "Education Citizen of the Year" by the Oregon Education Association. He also received the 1974 "Distinguished Achievement Award" of the Sierra Club.

A reception prior to McCall's appearance, and the banquet are open to the public. The banquet menu consists of whitefish and Michigan-grown buffalo.

The reception starts at 6:30 p.m. and costs \$2.50 per person. The banquet begins at 7:30 p.m. and costs \$7.25 per person. Reservations must be made in advance with Dr. Rupert Cutler, 323 Natural Resources, MSU, East Lansing, MI 48824. MSU Natural Resources Days runs from Wednesday (March 24) through Friday (March 26), featuring sessions ranging from water pollution control to bird watching.

"We put together a program touching nearly all facets of our natural environment. Most of the state's major government and private environmental organizations dealing with natural resources will be on campus," says Cutler.

MSU faculty members will make 35 presentations regarding research developments. State regulatory and advisory agencies scheduled to hold public meetings during the sessions include the Natural Resources Commission, the Agriculture Commission, the Environmental Review Board, the State Soil Conservation Committee, the Air Pollution Control Commission, the Recreation Advisory Committee, the Essential Lands Committee, and the Wilderness and Natural Areas Advisory Board.

Wednesday (March 24) topics

include use of rural zoning ordinances and aerial photography to help resolve land use conflicts as explained by Department of Resource Development personnel. Department of Fisheries and Wildlife faculty will discuss how to prevent wildlife damage, control aquatic weeds, provide improved fish and wildlife habitat.

Thursday presentations include Department of Resource Development staff reports on environmental impact assessment techniques and a statewide public opinion survey. Department of Park and Recreation Resources will have a panel on "Better Utilization of Michigan's Recreational Resources" featuring discussion of the state's under-water park potential.

Research reports scheduled for Thursday afternoon include three Department of Fisheries and Wildlife staff presentations on the environmental consequences of power plant siting decisions; four Department of Forestry faculty presentations on "Using Forests to Clean Our Water," "Intensive Poplar Culture," and "Getting the Most Out of Wood."

MSU family ecology personnel will have a panel discussion on ways in which families can conserve energy.

Friday and Saturday MSU's Department of Park and Recreation Resources will host all-day sessions aimed at assisting both private campground operators and campers.

## Local leaders attend A.F.B.F. convention

Four members of the Clinton County Farm Bureau attended the American Farm Bureau Federation annual meeting in St. Louis Mo. Jan. 4-9. Mr. and Mrs. Bill Cassane, county president; Mr. and Mrs. Fran Motz, roll call managers traveled to St. Louis via Am-trac.

One of the highlights of the convention was the address by President Ford at the Tuesday morning general session. The vesper service on Sunday afternoon is the traditional first session of the meeting. It is always a very inspirational experience to attend.

Monday evening gave all in attendance an opportunity to see some very talented young people perform during the

Young People's Talent show. All Michigan delegates were very proud as the Michigan Farm Bureau was awarded 8 gold stars for program achievements. Michigan also received the Golden Eagle award for service to member programs. These awards also received the Golden Eagle award for service to member programs. These awards recognized Michigan as the number one State Farm Bureau in the nation.

Between the various convention sessions the delegates visited various attractions of the St. Louis area. The highlight of the sightseeing was a trip to the top of the Gateway Arch overlooking the Mississippi River and downtown St. Louis.

The Dallas Dusters 4-H Club members enjoyed their Christmas Party at Kathy Thelen's home. Earlier the group had gone Christmas caroling at the County Farm. Each member bought a small gift of cookies and candy for each of the people at the County Farm.

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## Extension calendar

- Feb. 7: 4-H Photo Workshop - St. Johns High School - 1-4 p.m.
- Feb. 7: Craft Workshop - Smith Hall - 10 a.m. - 2:30 p.m. - Bring sack lunch.
- Feb. 7: Bred Sow and Open Gilt Sale - M.S.U. - 1:00 p.m.
- Feb. 7: Clinton Soil Conservation District Annual Meeting - Ovid-Elsie High School - 12 noon.
- Feb. 9: 4-H Horse Leaders - Central National Bank - 7:30 p.m.
- Feb. 11: Michigan Livestock District Meeting - Smith Hall - 8:30 p.m.
- Feb. 11: County Planning Commission - 7:30 p.m. - Courthouse
- Feb. 12: Woodworking Meeting - 7:30 p.m. - Central National Bank, St. Johns
- Feb. 14: State Holstein Annual Meeting - Hillsdale College
- Feb. 17: Family Living Area Council - 1:00 p.m. - Central National Bank, St. Johns
- Feb. 19 & 26: Workshop on Partnership Arrangements - Central National Bank
- Feb. 23: 4-H Horticulture Meeting - 7:30 p.m. - Smith Hall, St. Johns
- Feb. 27-29: Shiawassee organized tour to New York State for area dairy farmers
- Feb. 28: Telfair Cooperator Training Meeting at M.S.U.
- Feb. 28: 4-H Photo Workshop - St. Johns High School - 1-4 p.m.
- March 3: Family Living Council - 9:30 a.m. - Smith Hall, St. Johns
- March 3: Family Living Lesson, "How Does Your Garden Grow," 1:00 p.m. - Smith Hall
- March 6: 4-H County-wide Paper Drive
- March 9-11: Regional Spring Conference for Extension Agents
- March 24: Tested Boar and Open Gilt Sale at M.S.U. - 4 p.m.

## Jim's Column

### Fuel, fertilizer, pesticide and machinery outlook

Jim Pelham

Clinton County Extension Director

Farmers should have no trouble obtaining most of their fertilizer, fuel or pesticide supplies this spring.

Robert Reinsel, USDA agricultural economist, contributing to the Michigan State University agricultural outlook for the 1976 season, says inventories are up and price hikes should be within reason.

**FERTILIZER**  
Prices nosedived between April 15 and Oct. 15 of last year and are continuing to fall. As a result, fertilizer use probably will increase, particularly if prices decline to their April 1974 level or lower by spring.

If nitrogen use is to be brought into line with historical consumption, farmers will have to use more than two million more tons this year than last. If resistance to current prices continues in-face of these high inventories at all levels of the industry, additional price declines are likely to occur in nitrogen and phosphate materials.

With larger inventories and considerable excess capacity for phosphates, production probably will decline and down pressure on price will continue. Domestic supply of potash fertilizers, corrected for inventory changes, has not exceeded 76 percent of current domestic capacity. Domestic production has been about half the domestic use with the gap filled by Canadian imports.

**FUEL**  
The overall supply outlook is good. Gasoline and diesel fuel supplies are plentiful. But natural gas shortages will affect LP gas supplies, as 70 percent of LP gas comes from processing natural gas. Other than that, most petroleum fuels

will be plentiful for farming operations. Some retailers have dropped gasoline prices one or two cents per gallon.

**PESTICIDES**  
Adequate supplies for the year are expected. Of 29 manufacturers surveyed, 21 were expanding or planning production capacity increases. This includes 13 planning insecticide expansion, 18 for herbicides, 13 for insecticides and 5 for other pesticides.

Inventories are improved over last year. Carryover is expected to be greater with inventories closer to normal for the 1976 season.

Prices are expected to hold steady or increase only slightly. The overall price increase may be about five percent.

**FARM MACHINERY**  
The supply of farm machinery appears to be catching up with demand. Inventories for some types have been rising from their severely depleted levels in the past 18 months.

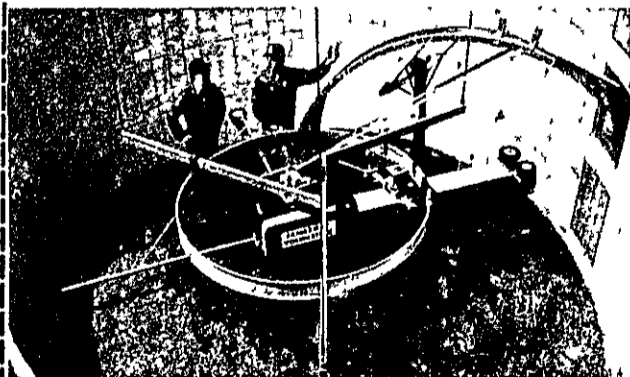
Overall, inventories for machines ready for sale should return to normal levels by early 1976. The behavior of prices has been similar to other price indicators for the economy as a whole.

The November wholesale price index for all agricultural machinery equipment was up nine percent from its level a year before. Although there appears to be a continued slowing of the rate of increase of prices paid the past few months, the jump seen from October to November indicates a resumption of retail price increases.

### SPECIAL BULLETIN:

With our revolutionary new Hexapod Installation System

**WE CAN INSTALL A NEW JAMESWAY DISTRIBUTOR-UNLOADER IN YOUR SILO NOW**



No longer do you have to wait 'til your silo's filled to enjoy the benefits of Jamesway's

- \* True Three-Point Suspension
- \* Power Ring Drive

Now you can replace your old silo unloader with a new Jamesway Volumatic II silage distributor-unloader whether your silo's empty, full or partially filled.

With no weights to adjust, no bull wheel to manhandle, you have fewer trips up the silo. Call us today.

### NEMANIS ELECTRIC

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We know credit is one of your essential production tools. Your risks are big. Your costs high. Our 40-plus years of know-how helps us do a better job of credit counseling. It's know-how that works for you.

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### JEWELRY

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### R.E. BENSON

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### 2 MASTER PLUMBERS

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In pioneer days, good neighbors helped rebuild when a home was destroyed. Today, a State Farm Homeowners Policy with **INFLATION COVERAGE** applies that same "good neighbor" principle to home insurance.

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**RICHARD HAWKS**  
108 Brush St. ST. JOHNS

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STATE FARM FIRE AND CASUALTY COMPANY  
Home Office, Bloomington, Illinois

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It can provide you with a monthly check if you're disabled.

What if you're sick or hurt and can't work? State Farm's Disability Income policy can help make sure you get a regular monthly income... even if you're laid up for several years. It can mean money to help pay many of your family's expenses, even if you can't work. Let me show you how.

**HAROLD GREEN**  
108 Brush St. ST. JOHNS  
Phone 224-7160

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the market place

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224-2361

NOW!

Jobs Wanted 3

JOB WANTED - Experienced married man would like job working on farm, call 669-3159, 40-3-p-3

Real Estate 4

LAND CONTRACTS - To sell seller's interest, write or call, LaNoble Realty Co., 1516 East Michigan Ave., Lansing, Michigan 48912. Phone (517) 482-1637. Phone (517) 482-1637. 38-1f-4

60 ACRES with 47 acres of good farm land. Older farm home. 1 1/2 miles east of Maple Rapids near Maple River. 60-1. Hiser Real Estate, 543-5610. 41-3-p-4

FOR SALE - DeWitt - Owner transferred, 4-bedroom older home, 2-car garage, reasonable taxes, convenient to stores and good schools. Asking \$26,900. open to offers. Ph. 669-3688. 41-3-p-3

FOR SALE - Older home at 708 W. Park, improved frontage on Park and Baldwin Sts. Highest spot in town, new basement. Call 224-4163 evenings. 40-2-p-4

YOUR SHELTER NEEDS - New, used housing-country or town lots. Plans ours or yours. Pole or Steel buildings - farm, commercial. Plans, Finance, Service. Let's discuss your needs. Also we'll sell your property or talk trade. Fedewa Builders & Brokers, 6218 Wright Rd., between Fowler and Grand Ledge. Phone 517-587-3811. (If direct dial doesn't work, have your operator assist.) 48-1f-4

MIDDLETON - 3 bedroom home, attached 2-car garage on large corner lot. Call 236-5123 for appointment. 36-1f-4

For Rent 6

FOR RENT - 2-bedroom fully carpeted apt. Stove, refrigerator and garage, no pets, deposit required, phone 224-6558 after 4:00 p.m. 41-1-p-6

FOR RENT - Country home NW of Lansing, nice 1-bedroom, 2-car garage, nice yard and garden space, no pets, \$150 per month. Call 627-6129 after 5. 40-3-p-6

COMMERCIAL on US-27, 1200 square feet. Building in-

COUNTRY STORE ANTIQUE FLEA MART (formerly Ionia Flea Mkt.) New location - New Hours Better and Wider Selection of Merchandise Closed Monday and Tuesday Only Open all other days 10 a.m. - 6 p.m. 3 Blocks south of Fairgrounds on M-66 at South Ionia City limits. Dealer space available, call (616) 527-9260

mediate occupancy. Gas heat, air conditioning, large parking area in Southgate Plaza. Call 517-463-6126. 21-f-6

FOR RENT - Furnished efficiency apartment with all utilities paid. Separate unit, single adult only, no pets. South on US-27, 224-7740. 39-3-p-6

Mobile Homes 10

WANTED - Cash for used Mobile Homes 1970 & over. R & H MOBILE HOMES 489-7888. 30-1f-10

Automotive 11

FOR SALE - 1974 Olds. Omega, 20,000 miles, excellent condition, new tires, tape deck. Call 224-7439. 41-1-p-11

Snowmobiles 14

USED SNOWMOBILE - A-1 condition. Used very little, electric start, complete trailer and covers. Can be seen by calling 224-3895 or evenings, 224-2234. 40-3-p-14

Farm Produce 19

FOR SALE - First cutting mixed hay, good quality, never wet, 626-6683. 39-3-p-19

STRAW FOR SALE - 2500 bales, ph. 224-2793. 39-3-p-19

HAY FOR SALE - First and second cutting. Conditioned, no rain, very nice Alfalfa with some brome, also Mammoth Clover seed, cleaned in bushel bags. Keith Nelson, Stanton 831-5379. 39-3-p-19

HAY FOR SALE - Second cutting alfalfa, no rain, conditioned, big bales. Ph. Westphalia, 587-6709. 41-1-p-19

Miscellaneous 27

FOUND - Girls Timex wrist watch near park. May be had by identification. Call 224-3984 after 5 o'clock. 38-1f-dh

I HAVE THREE elegant long dresses for sale. Colors are light blue, yellow and burgandy. All are in excellent condition. Sizes ranging 9, 11 and 13. Call 224-6122. Can be seen anytime. 18-3-D.H.-27

NEED ready mix concrete, poured walls, or cement work done? We have a fleet of radio dispatched trucks plus a crew of men if needed. Fedewa Builders, Inc., 6218 Wright Road at Price Road, Phone 587-3811. 38-1f-27

Wanted Miscellaneous 28

TIMBER WANTED - Logs and standing timber. Logs delivered.

WANT ADS

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OR MAIL TO Clinton County News 120 East Walker St. St. Johns, Mich. 48879

DEADLINE: EACH MONDAY. 1 P.M.

to our yard. DEVEREAUX SAWMILL, INC., 2872 N. Hubbardston Rd., Pewamo, Mich. Phone 593-2424 and/or 593-2552. 40-1f-28

WANTED - Old barn wood. Will tear down barns, insured, 351-2777, Lansing. 39-6-p-28

FOR SALE - SNOW TIRES - E-78-14 Radial, 224-7415. 41-1-p-28

Notice 29

HAVE ROOM in my home for elderly man or woman, 224-8295. 40-3-p-29

I WILL NOT be responsible for any debts except my own after January 28th, 1976. William J. Perry. 40-3-p-29

FOR SALE - Parts for all electric shavers. Levey's Jewelry, Elsie, 1-1f-29

PAINTING - Reasonable rates, interior, exterior, free estimates, experience plus satisfaction guaranteed. Phone 224-7777. 24-1f-29

FOR ALL AUCTION NEEDS - contact THELEN AUCTION SERVICE. Call 593-3426. 20-32-p-29

CUSTOM BUTCHERING AND PROCESSING, by appointment. We butcher on Wednesdays and Fridays. Beef, Pork, Halves and quarters, also retail cuts. All meats MDA inspected. Vaughn's Meat Processing, West City Limits on Bussell Rd. just off M-57, Carson City. Phone 584-6640. 41-1-p-29

THERE IS now a Timex Repair Service in Michigan. Free estimates will be sent on all repairs, do not send money. We also repair all other makes of watches. Please send watches to Timex Repair Service, P.O. Box 128, Kinde, Mich. 48445. 40-1f-29

RILEY TOWNSHIP - The regular board meeting will be held February 9 at the Township Hall at 8 p.m. Victor Hopp - Clerk 41-1-p-29

BINGO - Holy Family Church, 510 Mabbitt Rd., Ovid. Mondays 7 p.m. 16-1f-29

AM LOOKING FOR ALL KINDS OF POSTCARDS, especially old ones, if you have any to sell please contact the POSTCARD LADY 224-2361 days or 224-7051 evenings. 14-1f-dh-29

Card of Thanks 30

CROWLEY - We cannot begin to fully express our thanks and deep appreciation to everyone who expressed sympathy and concern through prayers and acts of kindness to help us in our grief at the time and following the loss of Diane and Frank. To Bob Sirrine and Osgood Funeral Home, a special thanks for their kindnesses. To Pastor Darold Boyd, who was so comforting, the UMW of the Price United Methodist Church for the meal served, divisions of the State Highway Department, The Clinton County and Calhoun Sheriff Departments, Coffee Cup Bowling League and friends and neighbors at Duck Lake. To all who brought food and communicated by cards, letters, telephone and visits, our heartfelt thanks, as they helped so much. And to the relatives a

very special thanks for being near and continued support. Mr. and Mrs. Harold Crowley and family Mrs. Mary Pierce 41-1-p-30

PLINE - I wish to express my sincere thanks to Father Schmitt, Father Benjamin, my family, relatives, neighbors and friends for their many prayers, cards and visits while I was in the hospital and since my return home. Robert Pline 41-1-p-30

SPENCER - The family of the late John Spencer wish to express their heartfelt thanks to the friends, neighbors and relatives for the beautiful floral offerings and the many other acts of kindness shown during our recent bereavement of our husband, father, brother and grandfather. Mrs. Lucille Spencer Mrs. Guy Fox Mrs. Nelie Green Also his many grandchildren and great grandchildren 41-1-dh-30

MESH - The family of George B. Mesh wish to thank all our friends, relatives and neighbors for the food, cards, flowers, Masses and any other expressions of sympathy extended to us in our time of sorrow. Words can't express our appreciation to Father Mike Howell for his tender words of comfort and his service, and to Father Goehring for the Scripture service. Thanks to the Ambulance Service for their quick response and to Bob Sirrine and all his staff at the Osgood funeral Home, their genuine concern was felt by all the family. A special thanks to Nancy Chmko, Barbara Taft, Janice Parker and the St. Mary's Guild for the dinner they served after the funeral. The loss is great, but a little easier to bear, knowing that so many others really care. God Bless You All. Mrs. Eva Mesh Mr. and Mrs. George Mesh, Jr. Mr. and Mrs. Joe Mesh Mr. and Mrs. Jack Mesh Mr. and Mrs. Dave Mesh Mr. and Mrs. Robert L. Miller Grandchildren and Great Grandchildren 41-3-p-30

In Memoriam 31

In Memoriam In memory of Ulus Rininger who passed away 2 years ago: "Loving Memories" Your gentle face and patient smile With sadness we recall, You had a kindly word for each, And died beloved by all. The voice is mute and stilled the heart That loved us well and true, Bitter was the trial to part From one so good as you. You are not forgotten, loved one; Nor will you ever be, As long as life and memory last. We will remember thee. We miss you now, our hearts are sore, As time goes by, we miss you more. Your loving smile, your gentle face, No one can fill your vacant place. Sadly missed by his wife, daughters and son, grandchildren and great grandchildren. 41-1-p-31

Radio & TV 33

MARK'S C.B. SALES - Johnson, S.B.E. and Pace. Complete accessories for the serious C-Bers. 201 W. Steel. 224-3787. 38-1f-33

Probate Court HON. TIMOTHY M. GREEN Judge of Probate HELENA M. BURK Register of Probate Wednesday, February 11, 1976

Real Estate Transfers (From records in office of Register of Deeds)

Jan. 20: Donahue, Joseph F. and Isabel C. to Robert S. and Karen Allemier property in Sec. 10 Olive.

Jan. 20: Griffith, Margaret V. to Merwyn M. Ellis property in Sec. 22 Olive.

Jan. 20: Ellis, Merwyn M. to Garry and Charlotte Grady property in Sec. 22 Olive.

Jan. 20: Wheeler, Gertrude to Kenneth Jerome and Vivian June Wheeler property in Sec. 20 Eagle.

Jan. 20: Wheeler, Gertrude to Lawrence Vernon and Thelma G. Wheeler property in Sec. 20 Eagle.

Jan. 21: Lindner, Rodney R. and Linda A. to Thomas E. and Linda L. Sutton property in Sec. 30 Bingham.

Jan. 21: Briggs, Ransom Ahr and Carol S. to Marian M. Wojan Lot 6, 7, Bk. 2, Walker's St. Johns.

Jan. 21: Youngs, Beulah F. to Richard L. and Sandra K. Reverts property in Sec. 25 Olive.

Jan. 21: Boos, Danny W. and Dotly L. to Laurence Clark and Judy A. Wineland property in Sec. 22 Olive.

Jan. 22: Underhill, Bessie Sherman, Sherman Ivan to Roberts Sr. and Genevieve Whittenburg property in Sec. 32 Victor.

Jan. 22: Larry T. Schaeffer Inc. to William D. and Mary S. Godwin property in Sec. 17 Olive.

Jan. 22: Godwin, William D. and Mary S. to Mickey L. and Joyce E. Wahr property in Sec. 17 Olive.

Jan. 22: Harter Harry E. and Cherry to Kenneth L. and Barbara J. McCready property in Sec. 35 Bath.

Jan. 23: Dunckel, Jerry L. and Barbara K. to Richard G. and Sharon L. Sherwood property in Sec. 11 Bath.

Jan. 23: Ball, James S. and Nancy L. to William P. and Ruth A. Sloat Bk K. Ovid.

Jan. 23: Valley Homes Co. (Mauer, Eugene N. and Jack T.) to Loren L. and Helen L. Purchis; Elizabeth Walsh Lot 19 Chateau Hills.

Jan. 23: Taber, Carroll R. and Sharon M. to J. William and Marian Hamm property in Sec. 31 Victor.

Jan. 23: DeWitt Donald M. and Dolores M. to Raymond E. and Jeanette M. Schornisch Outlot D, St. Johns.

Jan. 23: Smith Jennie L. to Leon and Joan Miller property in Sec. 30 Greenbush.

Jan. 23: Eaton, Justin B. and Jean to Donald A. and Hazel Fox property in Sec. 3, Olive.

Legal news

State of Michigan, In the Circuit Court for the County of CLINTON.

MARTINA SALAZAR, Plaintiff, vs. DANIEL R. SALAZAR, Defendant.

ORDER TO ANSWER On January 20, 1976, an action was filed by Plaintiff in this Court to obtain a decree of absolute divorce.

IT IS HEREBY ORDERED that the Defendant, DANIEL R. SALAZAR, shall answer or take such other action in this Court as may be permitted by law on or before April 5, 1976. Failure to comply with this Order will result in a Judgment by Default against such Plaintiff/Defendant for the relief demanded in the Complaint filed in this Court.

IT IS FURTHER ORDERED that the fees or costs of publication be paid by CLINTON County.

Hon. Leo W. Corkin Countersigned) Dolores Hiller, Deputy Clerk DATE OF ORDER: January 20, 1976.

Greater Lansing Legal Aid Bureau By: /s/ Chris Campbell (P25247) 300 North Washington Avenue Lansing, Michigan 48933 41-5

PUBLICATION OF NOTICE OF HEARING State of Michigan, The Probate Court for the County of CLINTON.

Estate of MARY COLE a/k/a

MARY JANE COLE, Deceased. File No. 19397.

TAKE NOTICE: On February 25, 1976, at 10:00 A.M., in the Probate Courtroom, Courthouse, St. Johns, Michigan, before the Hon. TIMOTHY M. GREEN, Judge of Probate, a hearing will be held on the petition of Richard Ely, Executor, for allowance of his final account, assignment of residue and discharge of said executor.

Dated: January 27, 1976. Richard Ely Petitioner Route 1 St. Johns, MI. 48879 Attorney for Petitioner: Walker & Moore 117 E. Walker St. Johns, Mich. 48879 Phone 517-224-3241 41-1

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Dated: January 30, 1976. /s/ Annabelle Heath Petitioner 259 East Main Street Elsie, Michigan 48831 Attorney for Petitioner: Maples & Wood P.A. Maples 306 North Clinton Avenue St. Johns, Mich. 48879 Phone (517) 224-3238 41-1

COIN & STAMP SHOW Meridian Mall 1982 W. Grand River Okemos, near E. Lansing FEB. 6, 2 to 9 p.m. FEB. 7, 10 a.m. to 9 p.m. FEB. 8, 12 to 5 p.m.

HETTLER'S MOTOR SALES, 24 Hr. Wrecker Service, Good Used Trucks.

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CREDIT BUREAU Clinton County CREDIT BUREAU, Phone 224-2391, Credit Reports - Collections.

DRUGS PARR'S REXALL DRUGS, Open daily 7:30 a.m. to 9 p.m., Sunday 8:30-12:30 & 5-7 p.m.

STEVE'S REFUSE SERVICE License Refuse Service St. Johns, Eureka Ovid - Elsie and Bannister Area. COMMERCIAL & CONTAINER SERVICE PHONE 834-5539 4007 Carland Rd. Elsie

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ORDER TO ANSWER On January 20, 1976, an action was filed by Plaintiff in this Court to obtain a decree of absolute divorce.

IT IS HEREBY ORDERED that the Defendant, DANIEL R. SALAZAR, shall answer or take such other action in this Court as may be permitted by law on or before April 5, 1976. Failure to comply with this Order will result in a Judgment by Default against such Plaintiff/Defendant for the relief demanded in the Complaint filed in this Court.

IT IS FURTHER ORDERED that the fees or costs of publication be paid by CLINTON County.

# Legal news

## NOTICE TO CREDITORS OF RESORT PROPERTIES, INC.

NOTICE IS HEREBY GIVEN, pursuant to Section 841 of the Michigan General Corporation Act, that Resort Properties, Inc., has been dissolved and all persons who are creditors of Resort Properties, Inc., shall file their claims in writing, with the corporation, attention of John J. Dillon, Secretary, 3900 Capital City Boulevard, Lansing, Michigan 48906, on or before July 31, 1976.

As used in this Notice, the term "creditor" means a person to whom Resort Properties, Inc. is indebted and any other person who has a claim or right against Resort Properties, Inc., liquidated or unliquidated, matured or unmatured, direct or indirect, absolute or contingent, secured or unsecured.

RESORT PROPERTIES, INC.  
By: John J. Dillon  
Its: Secretary  
Dated January 14, 1976

## NOTICE OF MORTGAGE FORECLOSURE SALE

Default having been made in the terms and conditions of a certain mortgage made by David M. O'Dell and Sharon J. O'Dell of the Township of Duplain, County of Clinton and State of Michigan, said mortgage being dated the 14th day of February, 1975, and recorded in the Office of the Register of Deeds in Clinton County, Michigan, on the 18th day of February, 1975 in Liber 279 of Mortgages on Page 552, which mortgage is claimed to be due at the date herein, in the amount of \$4,496.63 together with collection fees and interest thereon, and, no suit or proceeding at law having been instituted to recover the debt secured by said mortgage or any part thereof;

NOW THEREFORE, by virtue of the power of sale contained in said mortgage and pursuant to the statutes of the State of Michigan in such case made and provided, NOTICE IS HEREBY GIVEN, that on the 26th day of February, A.D., 1976 at 10:00 A.M. Eastern Standard Time, said mortgage will be foreclosed, by sale at public auction to the highest bidder, at the front door of the Clinton County Courthouse, located in the City of St. Johns, Michigan, that being the place for holding Circuit Court in the County of Clinton, State of Michigan, and

being the County in which the premises described in said mortgage are located, and so much therefor as may be necessary to pay the amounts due as aforesaid, on said mortgage with interest thereon, at the rate of seven (7%) percent per annum, and all legal costs, charges and expenses, including attorney fees allowed by law, and also any sums which may be paid by the undersigned to protect its interest in said premises, which premises are legally described as follows:

Beginning 330 feet East of the Northwest corner of Section 12, T8N, R1W, Duplain Township, Clinton County, Michigan, running thence East 66 feet, thence South to the center of Thomas Drain, thence Westerly along said drain to a point 330 feet East of the West line of Section 12, thence North to the place of beginning.

There being more than two-thirds (2/3) of the original indebtedness still due and owing, the redemption period shall be six (6) months from the date of sale as aforesaid.

Dated at St. Johns, Michigan this 5th day of January, A.D., 1976.

Maples & Wood  
Attorneys for Plaintiff  
Dated: January 5th, 1976  
By: Robert H. Wood (P 22531)  
306 N. Clinton Avenue  
P.O. Box 37  
St. Johns, Michigan 48879 38-4

## CLINTON COUNTY NEWS, ST. JOHNS, MICHIGAN

NOTICE OF MORTGAGE FORECLOSURE SALE  
DEFAULT HAVING BEEN MADE in the conditions of a certain mortgage made by ROBERT H. SCHMIDT and SHIRLEY ANNE SCHMIDT, of 5916 Round Lake Road, Laingsburg, Michigan, as Mortgages to CLINTON NATIONAL BANK & TRUST COMPANY, a national banking corporation, with its principal offices situated in St. Johns, Michigan, as Mortgagee, dated October 25, 1973, and recorded in the office of the Register of Deeds for the County of Clinton, State of Michigan, on October 30, 1973, in Liber 273, pages 867-870.

Mortgagee having elected, under the terms of said mortgage to declare the entire principal and accrued interest thereon due, which election it does hereby exercise, pursuant to which there is claimed to be due and unpaid on said mortgage on the date of this notice for principal and interest, the sum of TWENTY-FIVE THOUSAND ONE HUNDRED TWENTY-SIX and 33/100 (\$25,126.33) DOLLARS and no civil suit or action or proceeding at law or in equity having been instituted to recover the debt secured by said mortgage, or any part thereof.

NOW, THEREFORE, by virtue of the power of sale contained in said mortgage and pursuant to the statutes in such cases made and provided, NOTICE IS HEREBY GIVEN that on the 26th day of February, 1976, at 10:00 in the forenoon, at the North Main

entrance of the Clinton County Courthouse, in the City of St. Johns, County of Clinton, State of Michigan, (that being the place of holding the Circuit Court within the said County) said mortgage will be foreclosed by a sale at public auction to the highest bidder of the premises described in said mortgage, or so much thereof as may be necessary to pay the amount due as aforesaid, and any sum which may be paid by the undersigned at or before said sale for taxes and/or insurance on said premises, and other sums paid by the undersigned, with interest thereon, pursuant to law and to the terms of said mortgage, and all legal costs and expenses, including the attorney's fees allowed by law, which premises are described as follows:

2 acres of land in the Northwest corner of the East 1/2 of the West 1/2 of the Northeast 1/4 of Section 29, T7N, R3W, Bengal Township, Clinton County, Michigan, described as beginning at the Northwest corner of the East 1/2 of the West 1/2 of the Northeast 1/4 thence East along the North section line being the center of Parks Road, 417.42 feet, thence South perpendicular to the North line 417.42 feet, thence West 417.42, thence North along the West line of the East 1/2 of the West 1/2 of the Northeast 1/4 of Section 29, 417.42 feet to the beginning.

There being more than two-thirds (2/3) of the original indebtedness still due and owing and said property having been abandoned, the mortgagors, their successors and assigns, or any person lawfully claiming from or under them shall, within ONE (1) MONTH from the date of the aforesaid sale, be entitled to redeem the entire premises sold, by paying the purchaser, his executors, administrators, or assigns, or to the register of deeds in whose office the deed is deposited for benefit of such purchaser, the sum which was bid therefor, with interest from the time of the sale at the rate percent borne by the mortgage plus any other sums required to be paid by law.

DATED: January 23, 1976  
Clinton National Bank & Trust Company  
Mortgagee  
Randy L. Tahvonen  
Attorney for Mortgagee  
103 East State Street  
St. Johns, Michigan 48879 40-5

## NOTICE OF MORTGAGE FORECLOSURE SALE

DEFAULT HAVING BEEN MADE in the conditions of a certain mortgage made by MILLBROOK MEADOWS INC., a Michigan Corporation, of 2201 East State Road, Lansing, Michigan 48906, as Mortgagee to CLINTON NATIONAL BANK & TRUST COMPANY, a national banking corporation with its principal offices situated in St. Johns, Michigan, as Mortgagee, dated June 7, 1974, and recorded in the office of the Register of Deeds for the County of Clinton, State of Michigan, on June 13, 1974, in Liber 276, pages 333-336.

And the property encumbered by said mortgage hereinafter described, having been duly conveyed by warranty deed dated November 28, 1974, and recorded in Liber 353 of deeds, page 301 in the Office of the Clinton County Register of Deeds to DAVID W. JOLLY and JULIE A. JOLLY, of 1825 Peppertree Lane, Lansing, Michigan, subject to said mortgage.

Mortgagee having elected, under the terms of said mortgage to declare the entire principal and accrued interest thereon due, which election it does hereby exercise, pursuant to which there is claimed to be due and unpaid on said mortgage on the date of this notice for principal and interest, the sum of FORTY-TWO THOUSAND NINE HUNDRED SIXTY-NINE and 01/00 (\$42,969.01) DOLLARS and no civil suit or action or proceeding at law or in equity having been instituted to recover the debt secured by said mortgage, or any part thereof.

NOW, THEREFORE, by virtue of the power of sale contained in said mortgage and pursuant to the statutes in such cases made and provided, NOTICE IS HEREBY GIVEN that on the 26th day of February, 1976, at 10:00 in the forenoon, at the North Main entrance of the Clinton County Courthouse, in the City of St. Johns, County of Clinton, State of Michigan, (that being the place of holding the Circuit Court within the said County) said mortgage will be foreclosed by a sale at public auction to the highest bidder of the premises described in said mortgage, or so much thereof as may be necessary to pay the amount due as aforesaid, and any sum which may be paid by the undersigned at or before

said sale for taxes and/or insurance on said premises, and all other sums paid by the undersigned, with interest thereon, pursuant to law and to the terms of said mortgage, and all legal costs and expenses, including the attorney's fees allowed by law, which premises are described as follows:

2 acres of land in the Northwest corner of the East 1/2 of the West 1/2 of the Northeast 1/4 of Section 29, T7N, R3W, Bengal Township, Clinton County, Michigan, described as beginning at the Northwest corner of the East 1/2 of the West 1/2 of the Northeast 1/4 thence East along the North section line being the center of Parks Road, 417.42 feet, thence South perpendicular to the North line 417.42 feet, thence West 417.42, thence North along the West line of the East 1/2 of the West 1/2 of the Northeast 1/4 of Section 29, 417.42 feet to the beginning.

There being more than two-thirds (2/3) of the original indebtedness still due and owing and said property having been abandoned, the mortgagors, their successors and assigns, or any person lawfully claiming from or under them shall, within ONE (1) MONTH from the date of the aforesaid sale, be entitled to redeem the entire premises sold, by paying the purchaser, his executors, administrators, or assigns, or to the register of deeds in whose office the deed is deposited for benefit of such purchaser, the sum which was bid therefor, with interest from the time of the sale at the rate percent borne by the mortgage plus any other sums required to be paid by law.

DATED: January 23, 1976  
Clinton National Bank & Trust Company  
Mortgagee  
Randy L. Tahvonen  
Attorney for Mortgagee  
103 East State Street  
St. Johns, Michigan 48879 40-5

## NOTICE OF MORTGAGE FORECLOSURE SALE

DEFAULT HAVING BEEN MADE in the conditions of a certain mortgage made by MILLBROOK MEADOWS INC., a Michigan Corporation, of 2201 East State Road, Lansing, Michigan 48906, as Mortgagee to CLINTON NATIONAL BANK & TRUST COMPANY, a national banking corporation with its principal offices situated in St. Johns, Michigan, as Mortgagee, dated June 7, 1974, and recorded in the office of the Register of Deeds for the County of Clinton, State of Michigan, on June 13, 1974, in Liber 276, pages 333-336.

And the property encumbered by said mortgage hereinafter described, having been duly conveyed by warranty deed dated November 28, 1974, and recorded in Liber 353 of deeds, page 301 in the Office of the Clinton County Register of Deeds to DAVID W. JOLLY and JULIE A. JOLLY, of 1825 Peppertree Lane, Lansing, Michigan, subject to said mortgage.

Mortgagee having elected, under the terms of said mortgage to declare the entire principal and accrued interest thereon due, which election it does hereby exercise, pursuant to which there is claimed to be due and unpaid on said mortgage on the date of this notice for principal and interest, the sum of THIRTY-NINE THOUSAND THREE HUNDRED THREE and 89/100 (\$39,303.89) DOLLARS and no civil suit or action or proceeding at law or in equity having been instituted to recover the debt secured by said mortgage, or any part thereof.

NOW, THEREFORE, by virtue of the power of sale contained in said mortgage and pursuant to the statutes in such cases made and provided, NOTICE IS HEREBY GIVEN that on the 26th day of February, 1976, at 10:00 in the forenoon, at the North Main entrance of the Clinton County Courthouse, in the City of St. Johns, County of Clinton, State of Michigan, (that being the place of holding the Circuit Court within the said County) said mortgage will be foreclosed by a sale at public auction to the highest bidder of the premises described in said mortgage, or so much thereof as may be necessary to pay the amount due as aforesaid, and any sum which may be paid by

the undersigned at or before said sale for taxes and/or insurance on said premises, and other sums paid by the undersigned, with interest thereon, pursuant to law and to the terms of said mortgage, and all legal costs and expenses, including the attorney's fees allowed by law, which premises are described as follows:

Lot 54 Millbrook Meadows No. 2, a subdivision of a part of the Southwest 1/4 of Section 5, T8N, R2W, City of DeWitt, Clinton County, Michigan as recorded in Liber 5 of plats, pages 94-95. There being more than two-thirds (2/3) of the original indebtedness still due and owing, the mortgagor, their successors and assigns, or any person lawfully claiming from or under them to redeem the entire premises sold, by paying to the purchaser, his executors, administrators, or assigns, or to the register of deeds in whose office the deed is deposited for benefit of such purchaser, the sum which was bid therefor, with interest from the time of the sale at the rate percent borne by the mortgage plus any other sums required to be paid by law.

DATED: January 23, 1976  
Clinton National Bank & Trust Company  
Mortgagee  
Randy L. Tahvonen  
Attorney for Mortgagee  
103 East State Street  
St. Johns, Michigan 48878 40-5

## North Bengal

Mr. and Mrs. Louis Moritz and Ann were guests of their son and daughter-in-law, Mr. and Mrs. Clare Moritz and family of rural Grand Ledge, Friday evening, Jan. 23. They celebrated the 3rd birthday of their little granddaughter, Janet.

MORTGAGE SALE  
Default having been made in the terms and conditions of a certain real estate mortgage, whereby the power of sale contained therein became operative, made by HERBERT G. ANDERSON and NELLIE M. ANDERSON, husband and wife, of Grand Ledge, Michigan, the mortgagors, to the AMERICAN BANK AND TRUST COMPANY, a Michigan Banking corporation, of One Washington Square, Lansing, Michigan, mortgagee, dated September 7, 1973, and recorded in the office of the Register of Deeds for the County of Clinton and State of Michigan, on the 11th day of September, 1973, in Liber 273 of Records on page 237, upon which mortgage there is now claimed to be due and payable for principal and interest the sum of Twenty-one Thousand Eight Hundred Sixty-six and 91/100 (\$21,866.91) Dollars; and no suit or proceeding at law having been instituted to recover said debt, or any part thereof, said mortgagee having declared its election to consider the whole sum unpaid on said mortgage, debt to be now due and payable by reason of the nonpayment of certain installments of principal and interest as provided for by said mortgage, notice is hereby given that on Thursday, March 4, 1976, at ten o'clock in the forenoon of said day, at the North entrance to the Court House Building in the City of St. Johns, Clinton County, Michigan, (that being the place where the Clinton County Circuit Court is held), said mortgage will, by virtue of the

Maurice Tiedt of Monroe, New York made a short visit with his parents, Mr. and Mrs. Rudolph Tiedt and brother, Phillip and grandmother, Mrs. Ida Schrader. Maurice, his wife, and family were called here by the sudden death of Mrs. Tiedt's father, Mr. Williams, who lived near Bancroft.

Mrs. Herman Rossow returned home on Friday, Jan. 23 after spending most of the week with her grandson and family, Mr. and Mrs. Richard Rossow and children of Flint.

power of sale in said mortgage and in pursuance of the statute, sell at public auction the land described therein, or so much as shall be necessary to satisfy the amount due at the time of sale, together with all legal costs, interest at eight and three-quarters per cent (8-3/4%) from date hereof, and an attorney fee as provided by statute, and, as therein provided, a parcel described as:

The West 1/2 of the East 1/2 of the West 1/2 of the Southeast 1/4 of the Southwest 1/4 of Section 28, Town 5 North, Range 4 West, Eagle Township, Clinton County, Michigan.

The length of the period of redemption on foreclosure of the within mortgage shall be one (1) year from the time of sale.

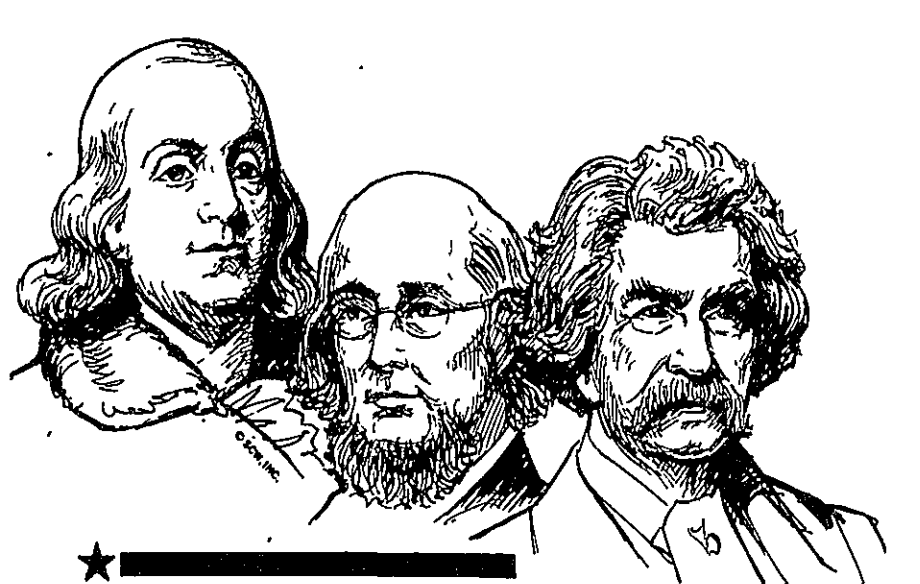
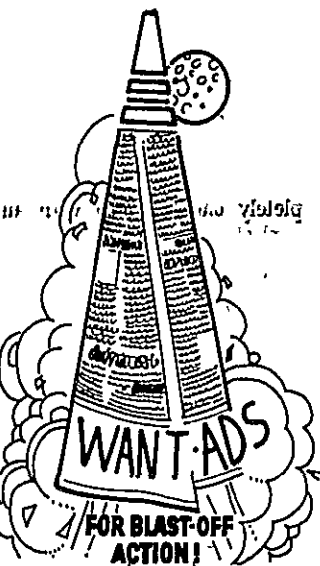
Dated at Lansing, Michigan, January 7, 1976.  
AMERICAN BANK AND TRUST COMPANY  
A Michigan banking corporation, Mortgagee  
Raymond R. Beham (P10630) Schram and Behan  
Attorneys for the Mortgagee  
Business Address:  
702 American Bank & Trust Bldg.  
Lansing, Michigan 48933  
Phone: 484-3737 40-5

## North Bengal

MORTGAGE SALE  
Default having been made in the terms and conditions of a certain real estate mortgage, whereby the power of sale contained therein became operative, made by HERBERT G. ANDERSON and NELLIE M. ANDERSON, husband and wife, of Grand Ledge, Michigan, the mortgagors, to the AMERICAN BANK AND TRUST COMPANY, a Michigan Banking corporation, of One Washington Square, Lansing, Michigan, mortgagee, dated September 7, 1973, and recorded in the office of the Register of Deeds for the County of Clinton and State of Michigan, on the 11th day of September, 1973, in Liber 273 of Records on page 237, upon which mortgage there is now claimed to be due and payable for principal and interest the sum of Twenty-one Thousand Eight Hundred Sixty-six and 91/100 (\$21,866.91) Dollars; and no suit or proceeding at law having been instituted to recover said debt, or any part thereof, said mortgagee having declared its election to consider the whole sum unpaid on said mortgage, debt to be now due and payable by reason of the nonpayment of certain installments of principal and interest as provided for by said mortgage, notice is hereby given that on Thursday, March 4, 1976, at ten o'clock in the forenoon of said day, at the North entrance to the Court House Building in the City of St. Johns, Clinton County, Michigan, (that being the place where the Clinton County Circuit Court is held), said mortgage will, by virtue of the

Maurice Tiedt of Monroe, New York made a short visit with his parents, Mr. and Mrs. Rudolph Tiedt and brother, Phillip and grandmother, Mrs. Ida Schrader. Maurice, his wife, and family were called here by the sudden death of Mrs. Tiedt's father, Mr. Williams, who lived near Bancroft.

Mrs. Herman Rossow returned home on Friday, Jan. 23 after spending most of the week with her grandson and family, Mr. and Mrs. Richard Rossow and children of Flint.



# 1776-1976 AMERICAN BICENTENNIAL

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**USED EQUIPMENT**

JOHN DEERE JDX8 Snowmobile (1973)  
McCULLOCH 19" Chain Saw  
HOMELITE 20" Chain Saw  
JOHN DEERE FB8 - 17 x 17 Grain Drill  
GLEANER A-2 Combine w/11 ft. Grain Platform, w/Bean Header and Pickup  
JOHN DEERE NO. 186W 6-Row Planter w/Fertilizer-Fill Auger, w/No. 71 Planting Units.  
JOHN DEERE NO. 494A Planter w/No. 295 Planting Units for Corn, Beans and Sugar Beets.  
JOHN DEERE NO. 894 8-Row Planter w/Transport.

**LAETHEM'S INC.**  
1365 E. Monroe Road St. Louis, Mich. Ph. 681-2440

**USED EQUIPMENT**

<b>FORAGE HARVESTERS</b> UNI HARVESTER w/FORAGE HARVESTER FOX 2000 FOX 3000	<b>USED TRACTORS</b> 1 - J.D. 720 DSL I.H. 460 GAS 1 - J.D. 4020 DSL DAVID BROWN 880 w/LOADER
<b>USED COMBINES</b>	
J.D. 55 HI. J.D. 45 W/CORN HEAD J.D. 95 W/CORN HEAD	NEW HOLLAND 975 W/CORN HEAD
<b>OWOSSO IMPLEMENT</b>	
3495 W. M-21 OWOSSO, MICH. PHONE (517) 723-7323	

## Redwings bounce back with win over Charlotte

CHARLOTTE—After losing their first game of the season to Okemos earlier in the week, the St. Johns Redwings got right back on track to dispose of conference opponent Charlotte, 73-61.

The Redwings lost to non-conference foe Okemos 75-57 Tuesday, but Friday's win over Charlotte still leaves St. Johns unbeaten in the West Central Conference.

They lead the league with a 5-0 record. Ionia is in 2d place with a 3-2 record. For the season, the Redwings are 9-1.

The Redwings had little trouble with last place Charlotte Friday, breezing to an 11-point

lead, 21-10 in the opening quarter.

Charlotte came back in the 2d quarter to outscore the Redwings 17-16, but never seriously threatened to close the gap.

In the 3d quarter, it was St. Johns on top in scoring again, this time outshooting Charlotte 16-13.

With reserves getting experience in the final quarter, Charlotte pulled within 10 at 1 point, but that's as close as they ever got.

Mark Geller took the scoring honors for St. Johns, pouring in 19 points.

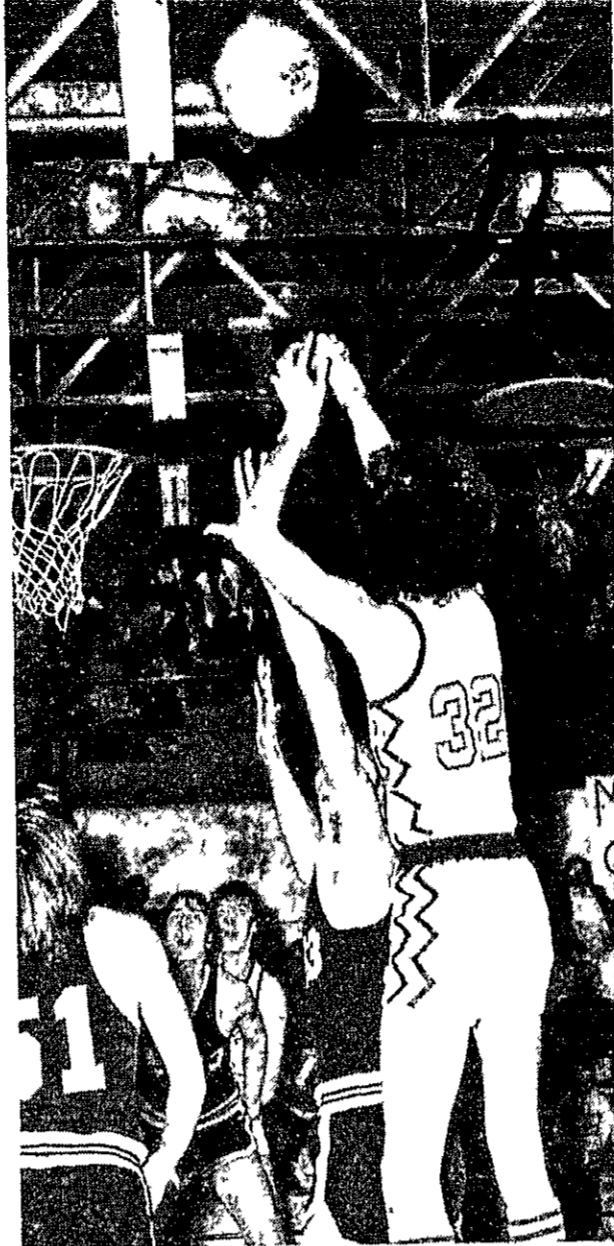
Wayne Dedyne was also in double figures, hitting for 10 points.

After Tuesday's non-conference game with Chesaning, the Redwings will host West Central rival Grand Ledge. Grand Ledge is 2-3 in the conference and 4-8 overall.

After the Feb. 13 conference game at Ionia, hometown fans will see the Redwings in action during the last 3 games of the regular season.

The Redwings host non-conference Eastern Feb. 17, conference foe Hastings Feb. 20 and end the season with another non-conference opponent, Corunna Feb. 24.

The junior varsity won their Friday contest in a 79-72 victory over Charlotte.



Tim Doyen cans 2 for Ovid-Elsie Friday night.

## Ovid-Elsie, down by 12, comes from behind to win

Bullock Creek had Ovid-Elsie on the ropes Friday, but the Marauders came back to beat the Lancers and pick up their 5th Mid-Michigan B victory against 3 losses.

Ovid-Elsie trailed by 12 points going into the last period, but fought back to take a last minute 58-57 victory.

Tim Doyen put the game in the bag for the Marauders when he dropped in 2 free throws with 14 seconds left in the contest.

Doyen hit 11 of his 15 points in the last period. He and Brian Brynes, who hit 8 of his 14 points in the last quarter, led the comeback charge for the Marauders.

Bullock Creek led by 5 at the end of the opening quarter 11-6.

Both teams were even in the 2d quarter, each hitting for 16 points.

Then, in the 3d period, it appeared Bullock Creek might be pulling away for good when they outscored Ovid-Elsie 18-11 to take a comfortable 45-33 lead into the final period of play.

But, that's when the Marauders went to work and sent the Lancers home with their 5th loss of the season in the MMB this year.

Ovid-Elsie is 5-3 in the league while Bullock Creek holds a 2-5 record.

After Tuesday's game with Portland, Ovid-Elsie travels to Corunna Friday and Alma Feb. 13.

After the game at Alma, the remainder of the Marauder's regular season games are at home and include Hemlock, St. Louis, Swan Valley, Ithaca and Bay City All Saints.

## Pirates lose at the buzzer to Webberville

A last second basket by Webberville's Larry Franks sunk the Pewamo-Westphalia Pirates Friday night 65-63.

The Pirates had built an early lead in the game, fell behind and then came back before having the game slip away in the last 6 seconds.

P-W jumped out ahead of Webberville 24-18 in the first quarter.

Webberville fought back to outscore the Pirates 18-14 in the 2d period.

At the half the Pirates held a slim 38-36 lead.

Then, in the 3d period, Webberville outscored the Pirates 18-9.

The Pirates came back in the last period to outscore Webberville 16-11, but Webberville's Franks hit on a 15-foot shot with 6 seconds remaining to clinch the game for Webberville.

Dave Belen led the scoring for Pewamo-Westphalia with 25 points, joined in double figures by Luke Pohl who added 15.

The Pirates are 4-6 in the CMAC while Webberville is 6-3.

Pewamo-Westphalia takes on league-leader Fowler Friday away and then hosts Fulton Tuesday. Fulton is tied for 2d place in the CMAC with an 8-2 record.

## Fowler victories vault them into first place in CMAC

BELLEVEUE—Last week was a productive one for the Fowler Eagles, who, for the first time this season, were on top all by themselves in the CMAC cage circuit.

The Eagles started their charge to the top last Tuesday when they floored a blistering shooting to defeat Fulton who previously held down first place in the CMAC.

Four Fowler players hit in double figures to pace the Eagles to an 82-75 victory.

Dave Schmitt had a hot night to lead the scoring with 26 points.

He was joined in double figures by Steve Simon with 20,

Dale Koenigsnecht with 16 and Don Schrauben with 12.

In a sharp shooting contest, Fowler and Fulton went into the final quarter all tied up at 57-57.

But, Fowler finally took the momentum and outscored the Pirates 25-18 in the last quarter.

Fowler had jumped into a 4-point lead at the end of the first quarter 21-17, but Fulton fought back with 23 points in the 2d period and kept on coming in 3d period until the Eagles took charge in the last period.

In Friday night's 67-63 win over Bellevue, Fowler jumped into a 16-10 lead in the opening quarter. However, Bellevue came back with 23 points in the 2d quarter and held a 1-point

lead 33-32 at the end of the half.

Then Fowler outscored Bellevue 19-13 in the 3d quarter to pull away.

The scoring was nearly even in the final period with Bellevue outscoring the Eagles 17-16.

Steve Simon led the scoring for Fowler with 16 points and was joined in double figures by Dale Koenigsnecht with 15, Don Schrauben with 14 and Dave Schmitt, also with 14.

Fowler hosts Pewamo-Westphalia Friday. The Pirates are currently 4-6 in the CMAC and 6-6 for the season.

The Eagles take on DeWitt in an away game Tuesday. The Panthers, with an 8-2 mark in the CMAC, are tied with Fulton for 2d place.

## Announce second ping pong tourney

The 2d annual Pewamo-Westphalia Quarterback Club Ping Pong Tournament will be Sunday, March 28 at Pewamo-Westphalia High School.

Starting times will be announced and entry deadline is

March 14.

Partial entries will be accepted and are to be completed as soon as possible.

For additional information, call Roger Schaefer 593-2541.

Entry fee is \$3 per single entry.

## Bees keep buzzing along

FOWLERVILLE—The Bath Bees just keep buzzing along victory lane and they weren't about to let Fowlerville change things Friday night.

Bath jumped into an early 20-8 lead and Fowlerville was never really close until they came back in the final period against the reserve Bees.

The Bees established that 20-8 lead after the first quarter and stretched that by 3 more, outscoring Fowlerville 17-14 in the 2d period for a 37-22 halftime lead.

Bath continued to take charge of the game in the 3d period and outshot the Gladiators 18-15.

Going against Bath's reserves

in the final quarter, Fowlerville managed to pull within 9, outscoring the Bees in that last period, 23-14.

Again, Dan Bass was the strong man for Bath, connecting for 23 points. He also hauled down 19 rebounds.

Dave Kesson also hit in double figures with 17 and Steve Hawks finished with 11.

For Bath, it was the 13th victory of the season without a loss. They are in first place in the Ingham County League with a perfect 7-0 record.

Williamston is their closest challenger in 2d place with a 6-2 record.

After Tuesday night's game with Leslie, the Bees take on

## DeWitt Panther cagers trounce Olivet 78-51

DEWITT -- The DeWitt Panthers, tied for 2d place in the CMAC cage circuit, bombed last place Olivet Friday night 78-51.

The Panthers started off with a 29-9 lead at the end of the first half and put the game completely out of reach with an explosive 30-point final period.

After establishing the 20-9 lead in the first quarter, DeWitt

was outscored by Olivet 12-10 in the 2d period.

DeWitt then edged Olivet by 2 points in the 3d quarter 18-16.

And, then came the last quarter and DeWitt bombarded Olivet 30-14.

Dave Wilson led the Panther scoring, with 22 points. Marty DeBow, added 17 and Chris Skoczylas was also in double figures with 15 points.

DeWitt plays Webberville in an away game Friday. Webberville holds a 6-3 record in the CMAC while DeWitt is tied with Fulton, both with 8-2 marks, DeWitt is 9-3 for the season.

DeWitt hosts Fowler Tuesday and travels to Fulton next Friday. Both games are crucial to determine where DeWitt stands in the CMAC.

## Students hit the slopes

A total of 155 enthusiastic 8th graders from Rodney B. Wilson, Jr. High attended the 5th annual ski trip, sponsored by the Junior High Ski Club, Saturday, Jan. 24.

The young skiers, 99% of

whom have never skied before, traveled the 70 miles by bus to Snow Snake Ski Lodge, just north of Harrison. Bruce Barber, ski club sponsor said, "The response has been fantastic. We had 10 experienced teachers help teach the students

to get their equipment on and to try the slopes."

"Luke and Rosemary Koenigsnecht, Jim and Sue Lamond, Lannie Fisher, Dick "Ski" Blink, Joe Boyd, Bruce Foersch and Wayne Morrison all helped tremendously," Barber said.

Many parents also helped with the chaperoning duties and learned to ski.

The purpose of the trip is to give as many students as possible a chance to learn to ski. Because of the size of the group they were given reduced rates and it made for a fun, inexpensive introduction to snow skiing.

### St. Johns City League basketball standings

Standings as of Jan. 28		W	L	Hub Tire	0	4
Briggs	4	0	Briggs 72 - Hub Tire 45	0	4	
Dry Dock'd	3	1	Dry Dock'd 66 - Allaby-Rehmann's	3	1	
Rehmann's	3	1	Brewbaker 40	3	1	
Buckeye	3	1	Rehman's 92 - Car-Dale Farms	2	2	
Teachers	2	2	52	2	2	
Car-Dale	1	3	Teachers 70 - Buckeye 69.	1	3	

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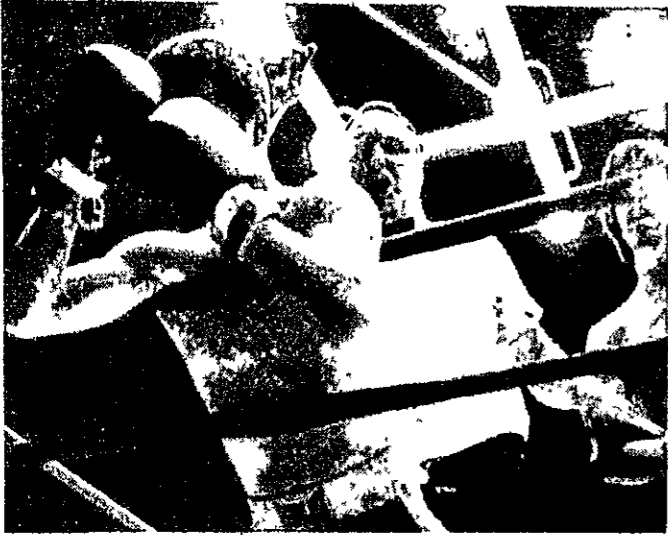
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Geoff Catlin of St. Johns sends Lansing's Trace Weaver reeling into the ropes during Golden Gloves action. St. Johns boxers won 3 bouts and lost 3 bouts in last Wednesday's competition.

## Fun and safety is aim of snowmobile class at St. Johns High School

A total of 375 9th grade boys and girls at St. Johns have participated in the 4th year of snowmobile classes, conducted by Wayne Morrison at St. Johns High School. When the course is completed, the students receive

certificates allowing them to operate snowmobiles by themselves.

Starting next year, the course will be offered in 8th grade and the 9th grade class will be more of a recreation and refresher course.

The junior high class will include classroom instruction only.

At the end of the course, currently, those scoring high enough on the written and driving test are issued certificates of completions.



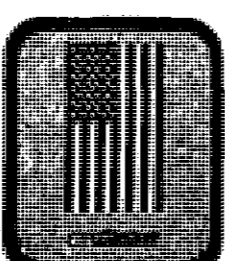
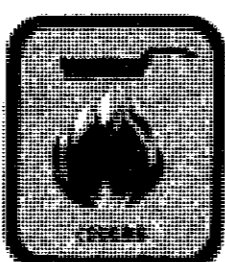
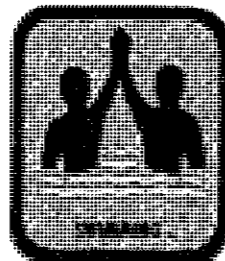
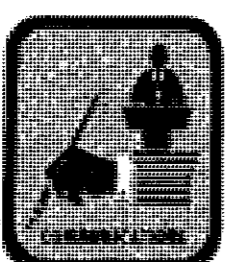
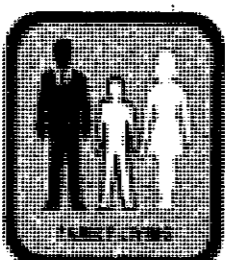
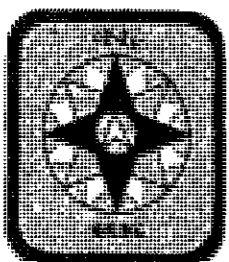
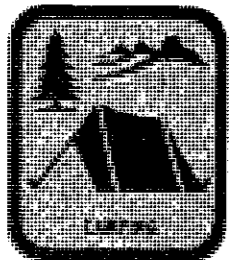
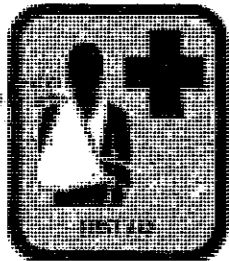
St. Johns students learn snowmobiling the safe and fun way.







Small Ads... Big Results! **CLASSIFIED ADS!**







# Saluting the 66th Anniversary of the BOY SCOUTS of AMERICA



The Boy Scouts of America are teenagers on the move! They're achievers, doers, participants and leaders. They are committed to the pursuit of excellence in a lifestyle that includes education, recreation, adventure, and future careers. We are proud of the contributions made by the Boy Scouts in this community and we take this opportunity to congratulate and salute scouting during National Boy Scout Month.



-  SCOUTS ARE TRUSTWORTHY
-  SCOUTS ARE LOYAL
-  SCOUTS ARE HELPFUL
-  SCOUTS ARE FRIENDLY
-  SCOUTS ARE COURTEOUS
-  SCOUTS ARE KIND

-  SCOUTS ARE OBEDIENT
-  SCOUTS ARE CHEERFUL
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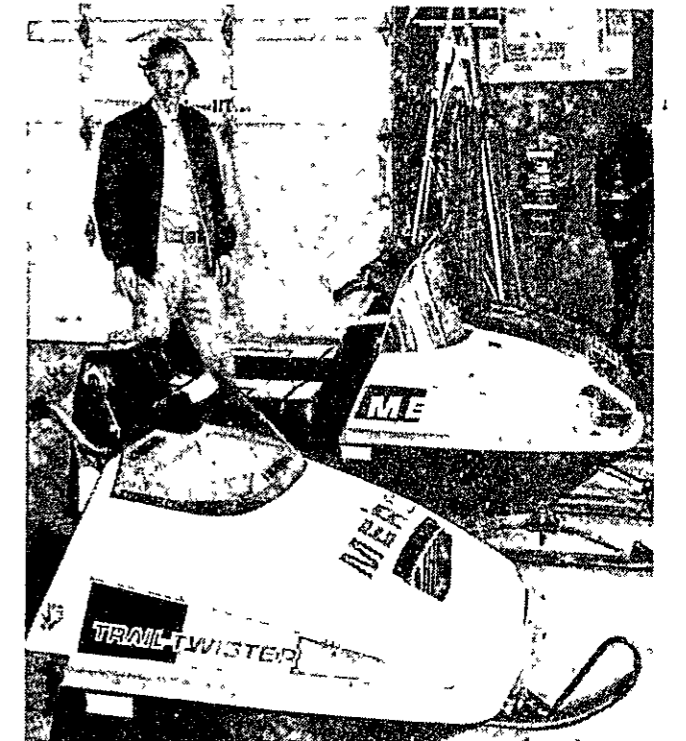
ALL "BIG C" SAVINGS ACCOUNTS ARE INSURED UP TO \$40,000!

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Volunteer Art Stratton offers pointers to St. Johns High School students during snowmobile class.

*...These local dealers provided free snowmobiles and fuel for St. Johns snowmobile class*



Mark Munger of Bee's Sports Division



Eugene Havens of S&H Farms



Bon and Dan Beck of Beck's Farmarina



# Clinton area obituaries

## Pearl Knickerbocker

ST. JOHNS--Funeral services were held Jan. 30 from Osgood Funeral Home for Mrs. Pearl E. Knickerbocker, 82, former resident of 306 E. Railroad St., St. Johns.

She died Jan. 26 in Traverse City following a short illness. Rev. Douglas Jones of Salem United Methodist Church officiated, with burial at Union Home Cemetery.

Mrs. Knickerbocker was born Jan. 11, 1894 in Clinton County, the daughter of William and Maude Tucker.

She was married in DeWitt in 1914 to Jay A. Knickerbocker. She lived most of her life in the St. Johns and Lansing area, moving 5 years ago to Traverse City.

Surviving are 4 daughters, Mrs. James (Joan) Bancroft of St. Johns, Mrs. Charles (Joyce) Sutterby of Waterville, Ohio, Mrs. William (Virginia) Hibbard of Traverse City and Mrs. Clifford (June) Kerns of Anaheim, Calif.; 2 sons, James R. Knickerbocker of Jacksonville, Fla. and Jack Knickerbocker of Fontana, Calif.; and 27 grandchildren. Her husband and 2 brothers preceded her in death.

## Mina M. Secord

ST. JOHNS--Funeral services were held Tuesday, Feb. 3 from Osgood Funeral Home for Mina M. Secord, 74, 4253 E. Centerline Rd., St. Johns, who died Feb. 1 at Owosso Memorial Hospital.

Rev. Robert Prange officiated with burial at South Bingham Cemetery.

Mrs. Secord was born in Ovid Sept. 13, 1901, the daughter of Vernon and Ella Jones.

A homemaker, she lived all her life in Clinton County and attended Wilson and Price Schools. Surviving are 2 sons, Robert of DeWitt and George of Lansing; 2 daughters, Mrs. Josephine Parmenter of St. Johns and Mrs. Marion Case of St. Johns; 1 brother, Emory of Corunna; 2 sisters, Mrs. Gladys Fivecoat of Ovid and Mrs. Novella Francis of Union Lake; 46 grandchildren; 41 great grandchildren and 1 great, great grandchild.

## Arnold Huhn

DEWITT--Arnold A. Huhn, 72, Rt. 2, 8195 Forest Hill Rd., died Sunday, Feb. 1 at his home.

Services were today (Wednesday) from St. Joseph Catholic Church in St. Johns.

Father William Hankerd officiated with burial at Mt. Rest Cemetery.

Scripture service was held Tuesday evening.

A native of Westphalia Twp., Mr. Huhn was born Aug. 31, 1903, the son of Anthony and Susan Huhn.

He attended Portland Schools and resided in Clinton County's Riley Twp. most of his life.

He was married to the former Alberta Berlin in Lansing April 20, 1935.

Mr. Huhn retired from Oldsmobile in 1965. He was a member of St. Joseph Catholic Church.

Surviving are his wife; 1 son, David of St. Johns; 2 daughters, Mrs. Marilyn Daniker of Owosso and Mrs. Suzanne Churches of St. Johns; 2 brothers, Harold of Portland and Raymond of Lyons; 4 sisters, Mrs. Minnie Hoppes, Mrs. Marion Snyder and Mrs. Regina Schneider all of Portland and Mrs. Mildred Nurenberg of Ionia; and 9 grandchildren.

## Gertrude Fedewa

WESTPHALIA -- Funeral services were held Feb. 2 from St. Mary's Catholic Church for Gertrude Fedewa, 77, 5934 Hever St., Westphalia, who died Jan. 30 at Clinton Memorial

## CLINTON COUNTY NEWS, ST. JOHNS, MICHIGAN

Hospital. Rev. Father James Schmitt officiated with burial at St. Mary's Cemetery.

A resident of Westphalia most of her life, Mrs. Fedewa was born March 26, 1898 in Clinton County, to Joseph and Mary Simon.

A housewife, she was married to Julius Fedewa.

Mrs. Fedewa was a member of St. Mary's Catholic Church.

Surviving are her husband; 3 sons, Francis of St. Johns, Gerald of Pawamo and Marvin of Westphalia; 1 daughter, Mrs. Monica Hatt of Portland; 3 brothers, Alfred and Victor Simon of St. Johns and Oscar Simon of Fowler; 2 sisters, Mrs. Catherine Simon of Fowler and Mrs. Laurina Sohn of East Lansing; 20 grandchildren and 4 great grandchildren.

Arrangements were by Neller Funeral Home.

## Sophia Pewoski

ST. JOHNS--Mrs. Sophia Pewoski, 85, 311 1/2 N. Clinton Ave., St. Johns, died Feb. 1 at her residence.

Funeral services will be held today (Wednesday) from St. Joseph Catholic Church at noon, Father William Hankerd officiating, with burial at Mt. Rest Cemetery.

Rosary will be held Tuesday evening at Osgood Funeral Home.

A native of Poland, she was born May 15, 1890 and resided most of her life in St. Johns.

A housewife, she was a member of St. Joseph Catholic

Church and Clinton County Farm Bureau. She was married to John Pewoski.

Surviving are 2 sons, John and Henry, both of St. Johns; 1 daughter, Mrs. Cecelia Skopek of St. Johns; 3 grandchildren, Stanley Pewoski, Larry Pewoski and Sister Janet Pewoski; and 2 great grandchildren.

One son, Stanley, preceded her in death.

# St. Johns honor roll

(continued from page 5A)

Dhondt, Gene Dunsmore, Kelly Eaton, Diane Estes and Denise Evitts.

Gerilyn Faivor, Lisa Falor, Karen Feldpausch, May Foo, Carol Fox, Todd Furry, Lori Goldman, Michael Greene, Dawn Groenke, Timothy

Halfman, Jeanna Hallenback and Sheri Harte.

Brian Hazle, Christina Haviland, Lori Henning, Lisa Hicks, Ronald Holmer, Lan Hott, Cindi Houska, Coleen Jorae, Mark Kemper, Raymond Kentfield and Kamie Kintigh. Lisa Kuenzli, Jamie Lindow,

Lori Mack, Gary Martin, Carlos Martinez, Elijo Martinez, Spencer Martin, Steven Massey, Susan McCausey, Kelly McDonald, Kelly McElroy, Kelley Meyer, Alan Miller, Rose Miller and Cheryl Minarik.

Connie O'Connor, Lisa Ormston, Marie Orson, Mark Pardee, Darla Parker, Tracey Peterson, Lorraine Phillips, Sue Pung, Patrick Purtil, Julie Reynolds, Laura Richards, Mary Roesser, Michael Roesser and Dora Rogers.

Brian Romig, Jon Salminen, Suzanne Schumaker, James Shanley, Richard Simmer, Pat Sipkovsky, Cheryl Smith, Wayne Sperry, Debra Steavens, Nancy Stevenson, Stanley Stoddard, Bill Straus, Susan Studer and Renee Stump.

Deborah Telling, Brian Thelen, Therese Thelen, Renee Towne, Susan Tucker, James Vitous, Lisa Voisin, Sheila Wadsworth, John Watkins, Tim Whittaker, Cindy Wieber, Lance Williams, Terry Witt, Dennis Wood, Terry Wood and Linda Zuker.

## FRESHMEN

Donald Andrews, Kristine Aylsworth, Tod Ballinger, Brenda Bancroft, Todd Baribeau, Teresa Barker, Gary Barbelor, Tim Bates, Brenda Bennett, Alan Biddinger, Mathew Bishop, Steve Bower and Timothy Brasington.

Sheryl Brussel, Sally Buggs, Karen Camum, Denise Cerny, Lisa Chapko, Terry Churches, Tyann Cobb, Susan Coleman, Cheryl Conklin, Dawn Cortright, Jane Fox, Dean Cronkite and Corena Daggy.

Julie Daker, Robert Davis, Scott Davison, Mary Devereaux, Jean Droste, Kathleen Eaton, Bonnie Eisler, Michael Eldridge, Daric Escher, Margaret Faivor, Karen Fedewa, Lynn Feldpausch, Lisa Foy and Lance Gardner.

Marcia Geller, Lon Gibson, Craig Goff, Don Goodknecht, Alan Gove, Donna Grant, Mark Grennell, Timothy Gros, Bruce Guenther, Daniel Halstead, Dorris Harrah, Sarah Haviland and Sheila Hayes.

Shari Hebele, Julie Holm, Chris Howe, Stacie Hufnagel, David Hurst, Elizabeth Johnson, David Jorae, Layne Keck, Brian Kiel, Victoria Kingsley, Elizabeth Kirschenbauer, Patrick Klein and Marie Lenon. Rodney Lounds, Bill Lutig, Barbara Mack, Larry Maier, Martin Kimberly, Lisa Martin, Diane Maurer, Dalene McClintic, Debbie Menovske, Marie Miller, Hoa Nguyen, Kimberly Pask, Scott Pardee and Sheldon Parker.

Karen Penix, Laurie Pittman, Felice Rappuhn, Donna Richardson, Reri Ritz, Linda Roesser, Roberta Sample, Sandra Schaefer, Russell Schlarf, Laura Sears, Erin Seavey, Janelle Shultz and Mark Slagell.

Lisa Smith, Susan Smith, Michael Stafford, Patricia Snyder, Jeffrey Stauffer, Kurt Stork, Scott Strahle, Michelle Stricker, Nils Strombon, Jeffrey Swears, Tama Sweeney, Marilyn Thejen and Thomas Thurston.

Marsha Tracy, Brenda Vahovick, Randall Vandermark, Steve VanNott, Rodney Vanorsdol, Anne Verhaeghe, Ann Vitous, Tammy Wagar, Geoffrey Washburn, Klay Watson, Robert Watson, Paula Whitford, Margaret Wood and Edward Zamarron

## Legal news

### NOTICE OF MORTGAGE SALE ON FORECLOSURE BY ADVERTISEMENT

#### NOTICE OF MORTGAGE SALE

Default having been made in the conditions of a certain Mortgage made by Alvin Leon David, Jr. and Betty David, husband and wife, to Administrator of Veterans Affairs, dated February 13, 1968, and recorded in the office of the Registrar of Deeds for the County of Clinton and State of Michigan, on February 15, 1968, in Liber 251 of Mortgages, on page 913 on which Mortgage there is claimed to be due at the date of this notice, for principal and interest, the sum of Eleven Thousand Eight Hundred Seventy-five and 14/100 Dollars, (\$11,875.14), and no proceedings having been instituted to recover the debt now remaining

secured by said Mortgage, or any part thereof, whereby the power of sale contained in said Mortgage has become operative;

Now Therefore, Notice is Hereby Given that by virtue of the power of sale contained in said Mortgage and in pursuance of the statute in such case made and provided, the said Mortgage will be foreclosed by a sale of the premises therein described or so much thereof as may be necessary, at public auction, to the highest bidder, at the North Entrance of the Clinton County Courthouse in the City of St. Johns, and County of Clinton, Michigan, that being the place of holding the Circuit Court in and for said County, on March 19, 1976, at 10 o'clock local time in the forenoon of said day, and said premises will

be sold to pay the amount so as aforesaid then due on said Mortgage together with 6 per cent interest, legal costs, Attorneys' fees and also any taxes and insurance that said Mortgagee does pay on or prior to the date of said sale; which said premises are described in said Mortgage as follows, situated in the Township of Eagle, County of Clinton, State of Michigan, to-wit: Commencing at the East 1/4 post of Section 17, Town 5 North, Range 4 West, running thence West 3 rods, thence North 20 rods, thence West 22 rods, thence North 12 rods, thence East 25 rods to the East section line, thence South 32 rods to the point of beginning in the Twp. of Eagle, County of Clinton, and State of Michigan. 4115

## Elsie OES holds

### old-fashioned card party

ELSIE (c) - The Elsie O.E.S. held a public old-fashioned card party with a large crowd in attendance from Owosso, Ovid, St. Johns and Elsie-Bannister area, Thursday evening, Jan. 29. It was held in the dining rooms of the Masonic Temple.

Progressive pedro was played with high scores to Mrs. Joan Lotridge and Lester Becker while low score prizes were won by Mrs. Algortha Clark and Charles Walker.

Tag cards, pinned to each guest were miniature Liberty Bells with their signature and

from these Orville Ade's name was drawn for door prize. Mrs. Anna Dunay received a prize for selling the most tickets and other prizes were won by Mrs. Ruby Levey, Mrs. Norman Nelson, Mrs. Neva Keys, Robert Ade and Howard Peltier.

A buffet lunch was served at the close of the evening by Mrs. Jennie Loznak, Mr. and Mrs. Orville Ade and Mr. and Mrs. Jim Litomisky.

It was announced that the Masons will hold an old-fashioned box social and entertainment.

## Vet's Bonus Section--out of applicants and 40,000 have not applied

More than 160 million has been paid to 360,000 eligible Michigan Vietnam Era Veterans and qualified survivors since funds became available last February. Captain Michael J. Rice, director of the Bonus Section (a division of the Michigan

Department of Military Affairs) announced that the Section has surmounted the initial deluge of applications and the resulting backlog of claims.

Applications sent in now are being processed for payment within 3 to 4 weeks, providing there are no irregularities.

Captain Rice urges the estimated 40,000 Vietnam Era Veterans who have not yet applied for their bonuses to do so without further delay. "We're compelled to keep our employee strength in line with claim volume, and we're hopeful that those veterans who have not filed will do so soon before the decreasing workload necessitates further reductions in our staff."

Rice further stated that conservative estimates place the unclaimed bonuses in excess of \$18 million.

A veteran did not have to participate directly in the Vietnam conflict to be eligible for the bonus.

The basic qualifications are:

1. Discharge under honorable conditions.

2. At least 190 days active duty service between Jan. 1, 1961 - Sept. 1, 1973.

3. Must have been a resident of Michigan for at least 6 months prior to entering active military service.

Eligible applicants are entitled to draw a bonus of \$15 for each month of service up to a maximum of \$450. Veterans eligible to wear the Vietnam Service Medal or the Armed Forces Expeditionary Medal are entitled to receive a flat rate \$600 cash bonus. Eligible next-of-kin are entitled to receive the same bonus that the respective deceased veteran or veteran listed as missing-in-action would have received.

Application requests for Veterans (V-1) and Next-of-Kin (Form V-2) will be filled by writing the Michigan Vietnam Veteran Era Bonus Section, Department of Military Affairs, P.O. Box 1500, Lansing, Michigan 48904.

# What every businessman should know about his telephone system.

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about your telephone.

The right system can probably save you money, and make more money for you at the same time...

Your Communications Consultant can show you how.

Call our Business Office, and a Communications Consultant will be out to talk to you.

After all, what you don't know about your telephones can cost you.



GENERAL TELEPHONE



# Honoring A Memory

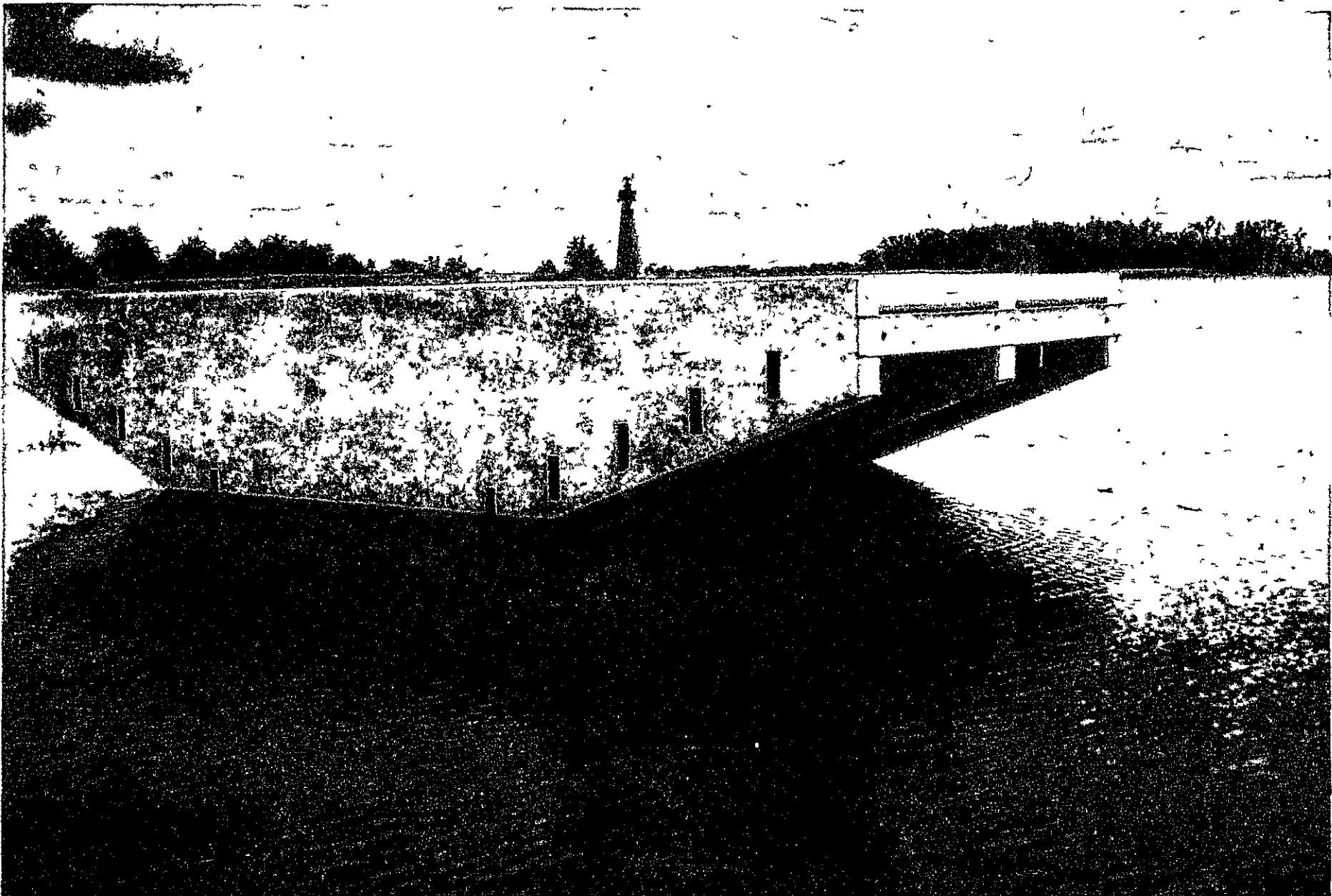
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# Clinton County News *Soil Conservation District Annual Report*

ST. JOHNS, MICHIGAN 48879

February 4, 1976



*Sleepy Hollow - -  
now a reality*

This multiple-purpose structure of the East Upper Maple River Watershed Project backs up a 410 acre permanent lake and 471 acre flood control lake at the Sleepy Hollow State Park. The compacted earth fill dam is about 1080 feet in length with a maximum fill height of 27 feet and used about 37,000 cubic yards of compacted fill material.

## Extension agent Bill Lasher to relate Peace Corps experiences

Bill Lasher, county extension agent will speak at the Annual Meeting of the Soil District Feb. 7 at Ovid-Elsie High School.

Lasher served two years with the Peace Corps in Guatemala, Central America. Guatemala is located south of Mexico in Central America. The official language is Spanish, however, twenty-two Indian dialects are spoken throughout the country. Lasher worked with the Extension Service of Guatemala in the small town of Cubulco in the Central Highlands. Cubulco is about 75 miles north of the capitol Guatemala City.

Lasher worked with the Extension agent in the county.

The people were of Mayan Indian descent and spoke Quiche as their main language and Spanish as a second language. The main crops in the area are corn, black beans, and

sugar cane. Livestock included beef animals, hogs, chickens, horses and mules, and a few dairy animals.

Lasher lived in the town of Dubulco; it has a population of about 1000 people, running water and electricity three hours a day.

Farming practices in the area were about 300 years behind the U.S. The land is plowed using wooden plows, seed is hand planted, and hand cultivated. The only mechanical items used in production of corn is a hand powered corn sheller to shell the corn.



William Lasher  
Clinton County Extension Agent

Lasher helped form a co-operative to buy fertilizer. With a small amount of fertilizer, corn yields could be raised from 10 to 25 bushels per acre. Many of the farmers never used fertilizer before and the yield increase really amazed the farmers.

Each house had a pila in the back yard. This looked like a wishing well; they are about four feet square and about three feet high. Water continuously flowed in and out of the pila. They are used for washing clothes, dishes and taking a

bath. Lasher imported fish from the coastal area of the county to stock the pilas. These fish were a type of carp and gained about 3/4 of a pound per month. In short order, many people had fish on their table. Most people had meat only once a week and the addition of fish really improved their diet.

The National Grange donated some bred gilts to the people of Guatemala. These gilts were used as a base to start a hog chain. A farmer would receive a weaned gilt, raise it till it had a litter, then return a weanling gilt, then the gilt he received and the litter were his and the gilt he gave back was given to another farmer.

In addition to these projects, Lasher started a 4-H club, worked with gardens, beekeeping, chicken projects, and with improving the quality of the seed corn.

**4-COLOR ARTWORK ON FRONT PAGE**

*Courtesy Of*

**CENTRAL NATIONAL BANK OF ST. JOHNS**

It is often said that man profits by his mistakes. Yet, many large cities as well as small ones, and a few houses are located in floodplains of streams and rivers which are subject to periodic flooding of varying magnitude at regular intervals. The people seem to accept the inconvenience and losses. Our Indian predecessors did not build permanent encampments within the floodplains.

## THE GOOD EARTH

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# Complete drainage of agricultural land

E. H. Kidder

The big rains of last August which totaled over 10 inches in many areas of the county certainly made us aware of our drainage problems. For many years, we have installed tile drains in the wetter, tighter soil areas of our fields and if the soil was classified as Brookston, we probably installed a complete tile drainage system to remove the excess water from the root zone of our crops. Last August's rains, however, point up our neglect of surface drainage that should be planned for and installed with tile drainage for a complete drainage program.

The surface drainage options that we have are:

1. random ditches
2. land smoothing
3. surface inlets to tile drains.

Random ditches are almost the same as grassed waterways without the grassed surface. When properly designed and constructed, they should have 8 to 1 or 10 to 1 side slopes which could easily be crossed with any of our field equipment and the

grade or slope of the channel to be so gradual that erosion will not occur. We recommend a maximum depth of 3 feet. Admittedly, when we make a cut of 3 feet and use a 10 foot bottom width and 10 to 1 side slopes, we have disturbed a 70 foot surface area; and, we have to haul this dirt someplace probably with a scraper to fill in other low areas in the field. We can also have legal problems if we find we have to route this water across a neighbor's farm to reach a county drain.

Land smoothing is being done in the state to remove shallow water pockets like 6 or 12 inches deep. We, in effect, drag in soil from the adjacent higher ground with a land plane to fill this shallow pocket. We should request our District Conservationists help on this project as he will want to take survey elevations and soil borings to be sure that we might not remove too much topsoil.

Surface inlets to tile drains if properly designed, installed and maintained, may be a better solution to our larger ponding problems than a random ditch. I

must emphasize proper design. If all we do is to make a connection with a few 4 inch tile put on end from the lowest place in the pond to an existing 4 inch tile lateral line that is 3 or 4 feet below the ground surface, we have done an inadequate or "half way" job that will eventually, but slowly, drain out of the pocket.

To do this job in the right way, you will want to call your District Conservationist to do the necessary surveying work to calculate the size of tile line needed to remove a ¼ inch depth of water in 24 hours from the land area that drains into this pocket. Your District Conservationist will have information on the construction of these inlets. I like to see at least a 2 foot deep sediment trap below the outlet tile line. We need a beehive or slotted grate on the top of the inlet at the ground surface. I also like to see a 10 foot square woven wire fence around this inlet. I want to catch loose hay, corn stalks, straw, etc. on this fence rather than have it clog up the grate on top of the inlet.

## Sewage disposal--who needs it?

Sewage disposal, septic tanks, drainfields, what do I care? When I flush the toilet or drain the sink the water goes

away, so why should I be concerned. If suddenly your waste water didn't go away or there was sewage all over the

backyard you would no longer take for granted your waste disposal system. Exposure to raw or partially treated sewage is potentially dangerous in that a wide variety of illnesses are attributed to organisms in this waste.

The key to all properly functioning on-site waste disposal systems is the soil which it is installed in. If a properly designed sewage disposal system is installed in a well drained soil that has the capability of absorbing a given quantity of water over a period of time, then this system can be expected to function properly for a number of years provided that care is exercised in use and maintenance of the system.

Two of the most important factors of system care are:

1. Avoid using excess water during the normally wet periods of the year. During the wet times of the year, Mother Nature has already placed a considerable amount of water into the soil so why ask it to take more than it can handle.
2. Have your septic tank pumped every 3 years. The pumping of your septic tank on a regular basis removes accumulated solids that would otherwise be washed into your drainfields and eventually plug the soil.

Each week the Mid-Michigan District Health Department receives numerous inquiries relative to system care, soil suitability, and proper system design also received are referrals from individuals pointing out sources of contamination that should be eliminated.

Your concern is vital if we are to maintain a healthy environment in which to live. If the Mid-Mich. District Health Department staff can be of any assistance to you, feel free to contact us.

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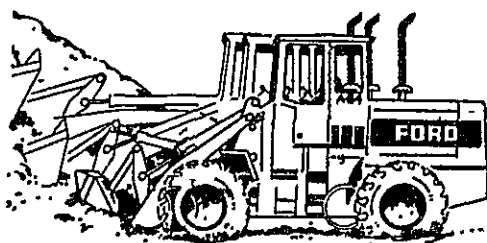
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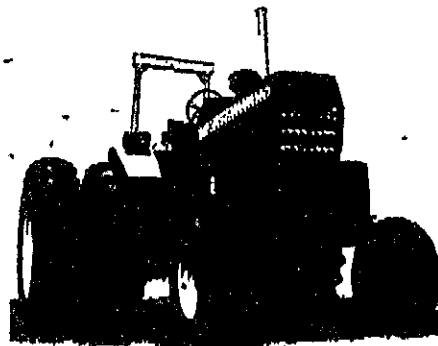
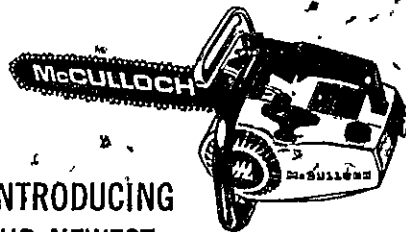
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# Efficient use of fertilizer

Recent shortages and higher prices have increased farmer interest in using fertilizer more effectively, a need, however, that has always existed.

A recent Ohio survey shows that two-thirds of the crop land is either overfertilized or underfertilized. That is probably true in other areas, such as Michigan, says Dr. G.E. Richards, regional agronomist, Olin Corp., St. Louis, Mo.

Richards made his comments about good fertilizer use during Michigan State University's annual Seed, Weed and Fertilizer School, Dec. 2-4.

Every fertilizer application program needs to start with good basic information - up-to-date soil tests and a recent history on the crop's performance.

The major objective of soil testing is to have a basis for intelligently using fertilizer and lime. It is widely used for diagnosing nutrient deficiencies and toxicities that may result in growth characteristics similar to those caused by insects, diseases, air pollutants or certain herbicides.

Fields should be considered for their productivity, topography, texture, topsoil color and past management. Then examine the crop yield, what it did and should have done in view of the soil's fertility and what you can do to improve production.

The next step is to adjust fertilizer application rate to your management plan. Set realistic goals consistent with your management ability.

Don't fertilize for 150 bushels of corn per acre and manage for only 100, or vice versa. Good managers use large amounts of fertilizer more effectively than poor managers.

Adjust the fertilizer rate to reflect these factors:

-Planting date. Late planted crops cannot effectively use as much fertilizer as can earlier planted crops.

-Higher plant populations need more fertilizer per acre than lower plant populations.

-Hybrid or variety. The more productive varieties must be adequately fertilized in order to meet their yield potential.

-Previous crop. Consider carryover nutrients from the previous crop or lack thereof.

-Nutrient balance. Overapplication of one nutrient will not compensate for the lack of another.

-Soil pH. Acid soils reduce fertilizer efficiency. Lime those which are acid.

-Soil physical properties. Consider the impact of drainage, depth of rooting zone, compaction on yield potential and subsequent fertilizer needs.

-Toxic elements. Avoid overapplication of potentially hazardous elements.

-Irrigation. The availability of irrigation increases yield potential and the fertilizer needs to reach the desired yield rate.

-Pest control. Plant nutrients will not be effectively used unless pests are controlled.

The next step is to make the proper application the soil type requires. Weigh the advantages of fall, spring and sidedress applications.

If fall application is considered, make it only where fall plowing would be suitable, usually on less than a six percent slope. Apply nitrogen in fall only after soil temperature reaches 50 degrees F at the four-inch depth. Use only ammonium form of nitrogen. Avoid sandy soils. Incorporate all nitrogen sources into the soil.

Banding phosphorus is more effective under most conditions.

Use a fertilizer containing ammonium nitrogen and a high level of water soluble phosphorus for improved uptake. On poorly drained and cold soils, potassium should be banded.

Avoid fertilizer injury by keeping it an appropriate distance from the seed. For band application, avoid or use only small amounts of fertilizers containing DAP or ureas. This is particularly essential for high pH soils. Apply micronutrients in the band fertilizer at planting.

Then make a good followup. Make regular field and plant performance observations. Keep fertilizer and yield records for each field. Look for factors which will improve yield potential. A change in the yield goal will dictate a change in the fertilizer program.

Will winter cover crops help prevent nitrates leaching? Apparently so. Dr. Jones [kan] reports sandy soil receiving both manure and nitrogen under irrigation accumulated "significant" nitrate-nitrogen down to 4 feet. But two fields with fall-planted rye showed much lower nitrate-nitrogen levels down to 2 feet the next spring.



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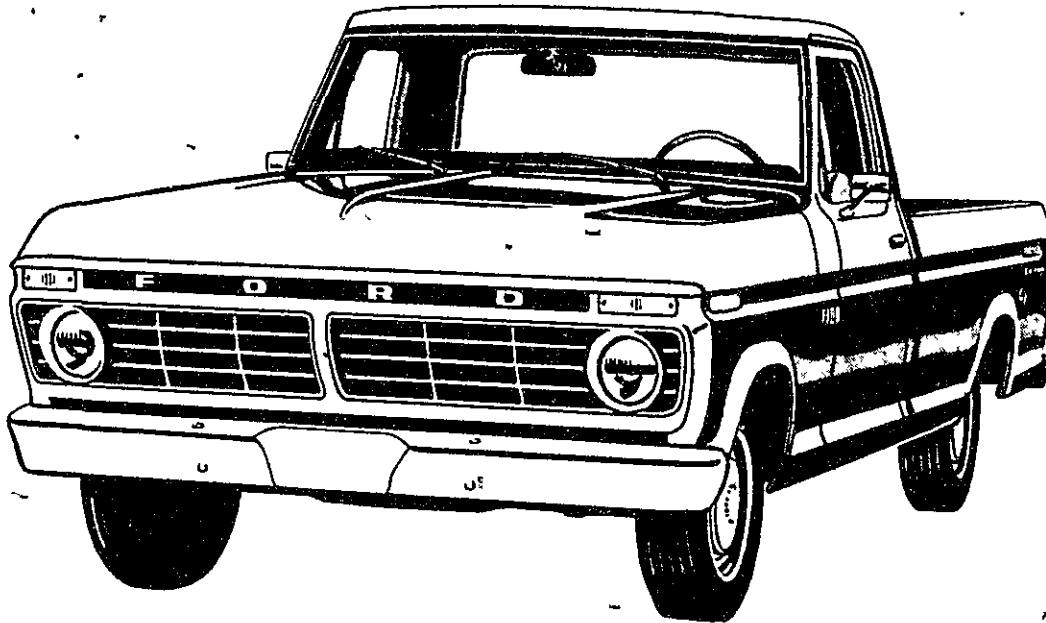
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# Waterway clean-up gets \$704,000

After a meandering year and a half long trip through the bureaucratic maze, the Tri-County Regional Planning Commission (TCRPC) was awarded a \$704,000 grant in July to clean up the region's waterways.

The Environmental Protection Agency (EPA) approved the two-year study under Section 208 of the Federal Water Pollution Control Act. Since then the Commission has moved full speed ahead with the plan development.

Prior to funding, Tri-County had to obtain designation from the Governor as the Water Quality Planning agency for Clinton, Eaton and Ingham counties.

For Tri-County officials and people living within the region, the next two years will be very

important. "It's the first time in the Commission's twenty-year history that plan implementation is guaranteed under law," said Tri-County Chief Planner Mike Scieszka.

Also required throughout the water cleanup project is a massive citizen participation program. EPA's guidelines call for extensive involvement from environmental groups, local elected officials and citizens.

Using two committees, the Commission is developing a pollution management plan. One committee is composed of staff people from local governmental units, and the other of elected officials.

"Our region contains four of the fifteen rivers in the state classified as badly polluted," Scieszka said. "That's more than any other region in

Michigan, which means the committees have some severe problems to lock horns with." Study areas will include economic development, solid waste, agriculture and land use.

In the wide array of pollution sources, there are two major types -- point source and non-point source. Point source pollution has a traceable origin such as a sewage treatment or industrial plant. Pollution of this sort is much easier to eradicate.

Scieszka explained that nonpoint sources are tough to pinpoint and difficult to treat. For example, rainstorm runoff from the streets can pick up oil, gasoline and litter before it directly reaches the water supply or urban sewers. "But nonpoint source pollution isn't just an urban problem," said

Scieszka. "In rural areas soil erosion and sedimentation, seepage from landfill sites and septic tanks, plus fertilizers, pesticides and feedlot runoff are all villains when it comes to clean water."

Soil Conservation Service and Soil Conservation District officials in all three counties have laid the groundwork to solve many problems caused by agricultural pollution. Using controlled feedlot, tillage and grazing practices, grass waterways and sediment basins, erosion -- a non-point source -- is prevented. Conservation Service- and District-sponsored farm development programs also help to wipe out soil erosion.

Tri-County's water cleanup plan will include and add to work already completed by the

two agencies. Scieszka viewed their past achievements and continued cooperation as extremely beneficial. "Hopefully, water quality experts, citizens and local officials will all maintain their interest and involvement," he said.

He added that, "When you have to develop an environmentally-effective, cost-effective, and economically, socially and politically acceptable plan, you need all the help you can get."

Water quality management plans similar to Tri-County's are being developed in every major community across the country.

Cleaning up the nation's waterways so they are safe for recreation and wildlife by 1983 is an ambitious plan outlined by Congress in the U.S. Water Pollution Control Act of 1972.

## District audited financial report

AUDITED  
FINANCIAL REPORT Clinton County Soil Conservation District  
July 1, 1974 - June 30, 1975

Balance on Hand July 1, 1974 \$ 1,297.66

### RECEIPTS:

District Administrative Funds (State of Mich.)	\$ 1,047.00
Conservation District Aide Funds (State of Mich.)	4,071.00
State and Regional Meeting Funds	20.02
Clinton County Board of Commissioners	4,000.00
Sale of Tree and Shrub Planting Stock	5,316.46
Machinery Rentals	17.50
Annual Meeting Receipts	165.25
Crownvetch Sales	2,734.50
Newsletter	85.00
Other Receipts	23.00
<b>Total Receipts</b>	<b>\$17,479.73</b>
<b>TOTAL AVAILABLE FUNDS</b>	<b>\$18,777.39</b>

### DISBURSEMENTS:

Office Supplies and Postage	\$ 442.88
Directors Mileage and Expense	511.84
Equipment Purchased	473.00
Conservation District Aides	7,787.75
Social Security	455.49
Bond, Workmen's Compensation	150.14
Trees & Hauling	3,629.02
Annual Meetings	375.25
Publications	382.96
Youth Activities	22.30
Educational Materials	148.16
State & National Dues	275.00
Crownvetch	2,460.28
Watershed Sign	72.00
<b>Total Disbursement</b>	<b>\$17,186.07</b>
<b>BALANCE OF CASH AVAILABLE - June 30, 1975</b>	<b>\$ 1,591.32</b>



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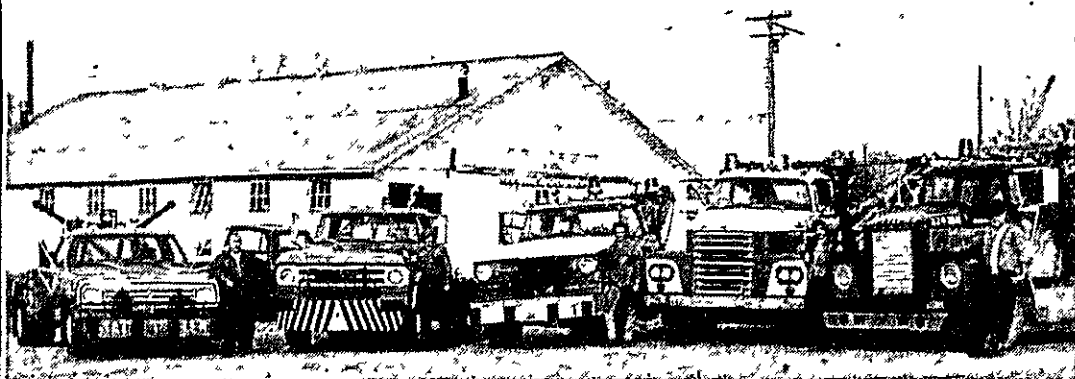
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# Large scale agriculture -- the trend is upward says MSU agricultural economist

U.S. farms will have to become larger and more industrialized to remain in business, says Michigan State University Agricultural Economist Leonard Kyle.

"The management problems of smaller farms, especially those of full-time operators grossing under \$20,000, are becoming more acute. Many are in a no-win position right now," Kyle says.

Operational costs decrease up through three men for most types of farms but there are also significant advantages for larger operations having adequate capital and good management.

"Larger units can often sell at higher prices because of the output volume they can deliver to a customer in a short time. They also buy most of their inputs on a bid basis and may get a 15 percent discount on prices," Kyle says.

"To get costs down to a competitive basis, a minimum of 600 to 1,000 acres should comprise a cash crop farm in a

few years and 5,000 acre units are feasible."

The efficient 2,000 head hog unit should eventually have 4,000 to 8,000 head. The 100 head dairy farm will have to manage 200 to 500 cows, and Midwest feedlots having 600 head today will be running 2,000 to 5,000 head.

A recent U.S. Chamber of Commerce report indicates that eight percent of the nation's farms are publicly held corporations. "There is no real evidence that extremely large corporations are taking over in agriculture, although you hear a lot about their failures while the successes are being kept quiet," Kyle says.

He adds that several western states now have laws to restrict such corporation involvements in agriculture and that several others are considering specific restrictive legislation.

"Regardless of legislation, farm size must be allowed to expand. There is going to be real pressure from the tightly held and managed units

grossing \$200,000 to \$1 million annually. A good two-man-plus unit can produce in the bottom end of this range," Kyle says.

In the future there will be fewer commercial farm units increasing in size and concentration of production. "Once

they have their operations working efficiently, whether it is cash crop or livestock, they may diversify their enterprises to adjust for risk factors -- it will be easier to do on the larger farms than the smaller," according to Kyle.

"It is still going to be a long time, 25 to 50 years, before public corporations control much of our agriculture. But it doesn't mean that commercial farms will be the 'family farm' in the old sense of the word," Kyle concludes.

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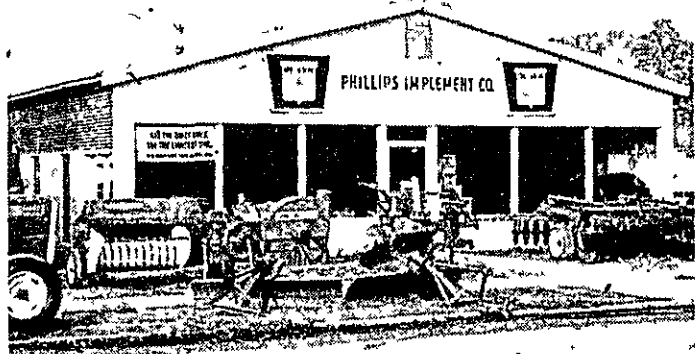
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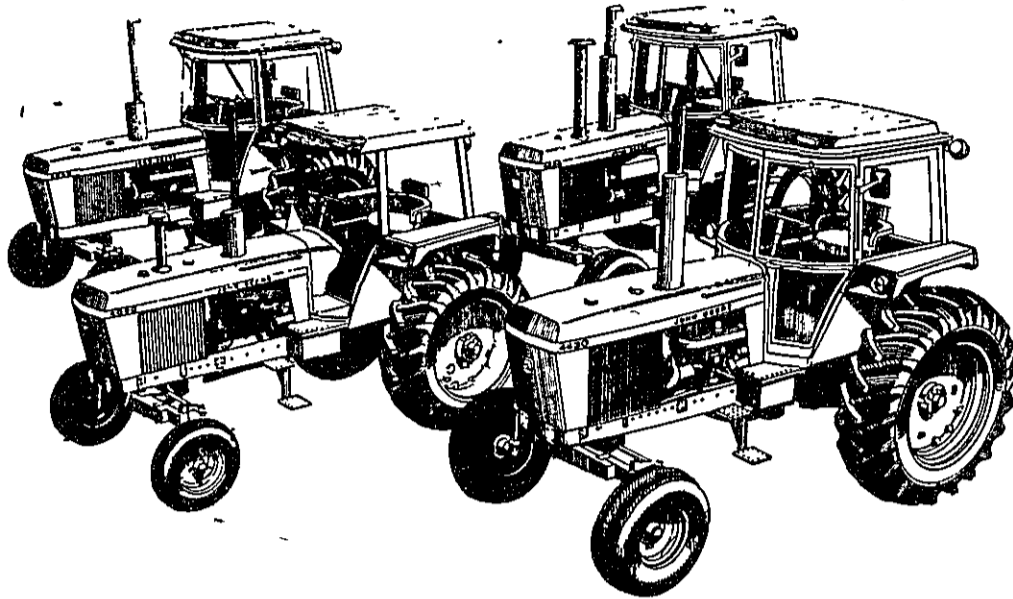
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3 PT. 13'  
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#### FIELD CULTIVATORS

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J.D. CCA 12' TRAILER  
PITTSBURG 14' 3 PT.  
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M.F. 18' 3 PT. W/LEVELER

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I.H.C. - M.F. - J.D.  
4 & 6 ROW 3 PT.

#### SPREADERS

J.D. 33 - J.D. 40  
N.I. 210 - I.H. 155  
N.H. - 2 BEATER  
OLIVER - 2 BEATER

#### PLANTERS

J.D. - 494  
J.D. - 494 A  
A.C. - 4 ROW  
I.H.C. - 455

#### TRACTORS

J.D. 4020 W/ CAB  
J.D. 4020 G  
J.D. 4630 DES.  
J.D. A (3)  
J.D. B (2)  
M.H. 44/WIDE FRT.  
M.F. 65  
I.H.C. 574 W/LOADER  
I.H.C. 3414 IND. W/LOADER  
M.H. 33

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761 HAY HEAD  
720 CORN HEAD  
721 HUSK BED  
760 CHOPPER  
1968 702 POWER UNIT  
1967 701 POWER UNIT  
727 HUSK BED  
729 SHELLER  
728 4' ROW NARROW  
763 - 3 ROW HEAD

#### MISC.

J.D. 18' FIELD COND.  
J.D. 15 HOE DRILL  
NO. 5 J.D. MOWER  
J.D. 10' OFFSET  
LILLISTON 14' ROLLING  
HARROW  
1-USED 5 BOTTOM KOSCO  
HARROW  
1-USED 6 BOTTOM KOSCO  
HARROW  
2 USED J.D. 38 CHOPPERS  
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1&2 ROW (wide or narrow)  
HEADS  
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W/CORN HEAD  
1 GEHL FORAGE BOX  
1 COLBY FORAGE BOX  
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BLOWERS  
LUNDELL SNOW BLOWER

#### PLOWS

J.D. 145 5-16" PLOW  
I.H.C. 4-14" TRAILER  
A.C. 5-16"  
J.D. 4-14" TRAILER

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J.D. NO. 18 PICKER  
N.I. 325 - 314 SHELLER  
N.I. 326 HUSK BED

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## Fiscal and other soil dist. accomplishments

	SOIL CONSERVATION DISTRICT FISCAL, other Accomplishments THIS YEAR		TO DATE	
	Number	ACRES	Number	ACRES
District Cooperator	35	5,564	1,125	171,866
Conservation Plans Prepared	51	6,747	1,041	158,633
Conservation Plans Revised	6	2,742		
Soil Survey				365,560
Conservation Cropping System		1,490		110,990
Critical Area Planting		1		239
Minimum Tillage		1,655		61,698
Grass Waterways		1.0		93
Tile Drains		1,005,047 ft.		14,646,008 ft.
Grade Stabilization Structures	3		217	
Field Windbreaks		6,000 ft.		171,010 ft.
Farm Ponds	5		173	
Tree Planting		117		1,114
Woodland Management		76		2,064
Wildlife Habitat Management		78		3,501
Stripcropping, Field & Contour		0		1,536
Cropland to Grassland		287		2,679
Cropland to Woodland		17		552
Cropland to Wildlife Recreation		40		3,971
Non Cropland to Wildlife Recreation		1		1,005
Open & Field Ditches		8,700 ft.		531,122 ft.
Land Adequately Treated		4,924		126,039

In addition to the above conservation practices, Fred Wuerthele, Conservation Forester, Department of Natural Resources, gave woodlot management assistance to several cooperators, marking trees for harvesting or culling, assisting on tree planting sites, varieties, insect, and weed tree control.

Technical assistance was given to 58 farmers who cooperated with the Rural Environmental Assistance Program which is administered by the ASCS office in St. Johns. One pooling agreement or drainage group was included with a total of 3 farms in the groups. This assistance included site selection, layout supervision of installation and certification of these conservation practices. Participation in this program is voluntary, and all farmers are eligible to take part. Eight long term agreements were developed.

During 1970, the Clinton County Board of Commissioners and the U.S. Soil Conservation Service signed a contract to complete the Clinton County Soil Survey. Karl E. Pregitzer, Soil Scientist SCS, was named party leader assisted by Glen Weesies, Soil Scientist SCS. Since that date, they have completed the field work in Westphalia, Dallas, Lebanon, and Essex townships for this soil survey. The soil survey is now in the Government Printing Office.

The district employees have colored septic field limitations on advance copies of the soil maps for Bath, DeWitt, Watertown, Eagle, Riley, Olive, Victor, Ovid, Bingham, Bengal, Greenbush, Duplain, Westphalia, Essex, Lebanon, and Dallas townships for the Clinton County Planning Commission and town boards of these townships. The County Planning Commission has used these advance copies of the soil survey for their various planning activities. The township boards are using these soil maps to assist them to make township plans.

These accomplishments were made possible by the combined efforts of the cooperating landowners, the directors of the Clinton County Soil Conservation District, and technical staff provided by the U.S. Soil Conservation Service, and other cooperating agencies.

LLOYD B. CAMPBELL  
District Conservationist

## Dutch thrive on high fertility

There probably will always be some people who believe chemical fertilizers are bad for the soil, ecology, and downright unhealthy for the people who eat the food produced on chemically fertilized land. Dr. Billy Tucker, O.S.U. Extension Agronomist, is one of several scientists who have spoken out on this subject recently. He points out that the fertilizer industry has helped the U.S. and much of the rest of the world maintain high nutrition

standards. Holland, he says, is proof of the value of commercial fertilizer.

That country has the rate several times higher than the U.S. At the same time, people in Holland have the highest standard of public health in the world, the highest birth rate, the lowest mortality, and the life span is two years longer than that of people in the U.S. They also have the highest yield of farm products.

"It is appalling to see ruins of once great cities, ruins of civilizations and flourishing cultures, strewn like weather beaten skeletons in the graveyard of their erosion destroyed lands, which today are studded with tombstone-like ruins of their irrigation and agricultural works." - W.C. Lowery

# Waterways need maintenance

by Gary L. Dittmer  
Agricultural Engineer

The grass-lined channel, or more commonly called a grassed waterway, is one of the most basic conservation practices used by farmers. The design of grassed waterways has been tested for years and proven adequate. However, the design is only good for installation and initial operation. The waterway must be maintained in order to ensure many years of good service. Many people feel that after a waterway is installed it can be forgotten. This is not true. Many of the failures of waterways can be eliminated or at least reduced with a good maintenance program.

When waterways fail there are usually two reasons. The filling in with sediment, normally called siltation; and cutting of gullies in the channel. Without proper maintenance both of these failures could completely destroy the waterway.

The deposition of sediment of water is caused by the slowing down of the water carrying the soil to a point where the soil drops out of suspension. When siltation occurs in a waterway, this can reduce the capacity of the waterway. If siltation is allowed to persist, it can cause the waterway to fill in to the point where the waterway is higher than the surrounding ground. The water will then flow outside of the waterway causing erosion.

WHAT THEN can be done to prevent siltation from occurring?

One of the major methods of preventing siltation, which is also one of the easiest, is to keep the waterway mowed. The shorter grass does not slow the water down as much and the soil stays in suspension. Another method is to leave a ten foot sod strip on each side of the waterway and mow it the same as the waterway. This added grass acts as a buffer zone which can trap a major portion of the sediment before it can reach the waterway. Finally, a good conservation cropping system on the whole watershed helps reduce the amount of siltation. An example of good conservation cropping would be no-till corn, winter cover crops, or even permanent vegetative cover, such as grass or alfalfa. Other conservation practices which can help are things like strip cropping, contour farming, and grade stabilization structures. Most of all, periodic inspection of the waterway should be made to see if siltation has occurred and its removal if the need arises.

Cutting of gullies in the waterway can happen when the waterway is first installed. This is a result of the seeding not being well established. The high water velocity and the lack of grass team up to cause the soil to wash away. A preventive measure for this cutting is to mulch the waterway right after seeding. The mulch acts much like grass in holding the soil from washing away. Mulch also

enhances the growth of the seeding by retaining moisture in dry periods. Another reason for gullies is stream meandering. Brush, tall weeds, and grass in the waterway create

obstructions which force the water to concentrate in certain areas, causing a failure in the sod cover. The removal of brush and the mowing of the waterway, as previously stated, will

reduce the concentration of water and save the sod.

Periodically an inspection of the waterway should be made to

(Continued on page 25B)

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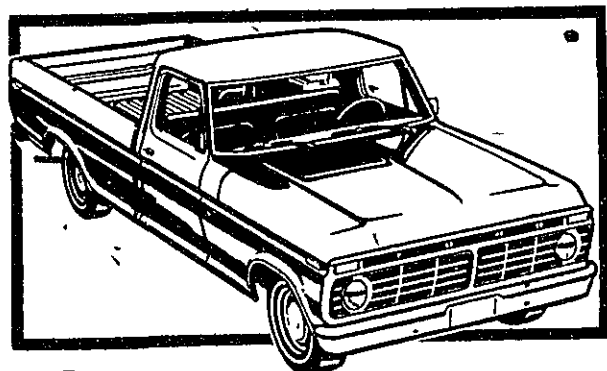
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# No-till guidelines

No-till, in some areas, is being considered one of the most important changes in American agriculture since introduction of hybrid seed corn in the late 1920s.

"It requires a good understanding of soil conditions, weed problems and chemical application techniques. Good management practices are

essential because this system demands more of the corn plant," says Dr. Lynn S. Robertson, Michigan State University crop and soil specialist.

Minimum tillage practices were initiated at MSU in 1943 by Dr. Ray Cook, crop and soil science specialist, who used a tractor and planter for single

operation planting. This research was the first of its kind in the U.S.

No-till production is basically planting corn on unplowed soil and using herbicides to control weeds. It is also called sod planting, no-plow, slot tillage, chemical tillage and conservation tillage.

No-till is one of the most ef-

fective management practices developed for controlling wind and water erosion in commercial corn production. This means better conservation, improved water quality, less sediment and improved environment.

The best days for planting corn in spring can be used exclusively for planting rather than for plowing and fitting. Slower ground speeds are required, however, so that fewer acres are planted per hour than when using a planter of similar size on conventionally prepared seedbeds.

Less than successful results have been associated with one or more of seven soil conditions: 1) fine textured soil; 2) poor structure; 3) inadequate drainage; 4) underestimated organic matter level; 5) eroded soil, especially on slopes; 6) low fertility levels and soil acidity; and 7) herbicide ineffectiveness.

Using the soil management group and unit concept helps determine if no-till will be successful on your land. Soil management groups are groups of soils (soil series) with similar properties and yield potentials.

The groups are formed on the basis of the dominant texture of the profile and natural drainage conditions under which the soils are formed. To determine the soil type of soil series in your area, consult a soil and water conservation map or refer to the county soil survey report. These

are usually available at the local Soil Conservation District office or the county Extension office.

Another important consideration is the availability of specialized equipment, herbicides and pesticides necessary for no-till. They can usually be obtained through local suppliers but should be ordered early.

No-till planters are manufactured by the major farm equipment companies. Usually a fluted couler with heavy duty mounting is required to assure adequate penetration in firm soil. The basic planter unit must be rugged and heavy to stand up under extreme conditions.

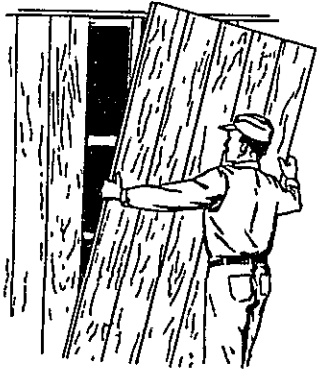
You should figure tractor size at roughly 10 max observed pto horsepower per planting unit. No-till planting at 3 m.p.h. requires a minimum of 5 pto h.p.; 3.5 m.p.h. requires a minimum of 8.1 pto h.p.; 4 m.p.h. requires a minimum of 9.25 pto h.p.; 4.5 m.p.h. requires a minimum of 10.4 pto h.p. and 5 m.p.h. requires a minimum of 11.5 pto h.p.

There are no clear-cut guidelines as to the best way to fertilize no-till corn.

"The problem is that no-till methods do not offer a way to incorporate large amounts of fertilizer or lime," says Dr. Maurice Vitosh, Michigan State University soils specialist. Thus

(Continued on page 15B)

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## A land interview?

by Donald J. Schaner,  
Head Soil and Water  
Conservation  
Michigan Department of  
Agriculture

An employer interviews a prospective employee to determine whether the prospective employee has the qualifications to fill the position in question. A farmer, before buying a piece of equipment, measures the capabilities of the machine against his needs. A home buyer looks at a house in terms of whether or not it has the facilities to meet his family's requirements.

In each of these instances, capabilities are weighed against needs before a decision is made. All too often, when land use changes are taking place, capabilities are not considered until later when problems develop. These

problems, which often could have been prevented, are usually costly and in many cases unsolvable because of conditions imposed on the land by the land use change. In short, land is often called upon to perform beyond its ability.

Through examination, interview or evaluation, the qualities of a home, an employee or machine may be determined. By the same methods, qualities (capabilities and limitations) of a tract of land may be ascertained. Land traits such as particle size, slope, internal and external drainage, permeability and others are indicators of the capability of soils of a site.

TECHNICAL SERVICE to determine safe uses and methods to prevent excessive erosion and other land associated problems are

available through your soil conservation district. This technical advice is provided on request at no cost. To assist you in making proper land use decisions and help prevent problems before they occur, contact your soil conservation district for a land interview (evaluation) before a land use change is made.

### Tree planting guide

#### WHITE PINE

Native Michigan tree. Soft, flexible bluish needles five in a group. When mature makes a good timber tree. Good for windbreaks, screens, border plantings, Interplanting limited in use in open areas due to insect problems.

Does well on moist sands. Block planting 8 x 8 feet, windbreaks 8 x 10 feet. Border planting 8 x 10 feet.

#### RED PINE

Also called Norway Pine. Needles dark green in color, two in a group 4-8 inches long.

Does best on sandy, well-drained site. Will not tolerate a high water table. Block planting 8 x 8 feet. Windbreak planting 8 x 10 feet.

#### AUSTRIAN PINE

A native of Europe. Similar to Red Pine. Dark, dull green needles 3-5 inches long. Good for windbreaks, screen, border planting.

Does best on productive, moist, loamy soils. Block planting 8 x 10 feet.

#### CARPATHIAN WALNUT

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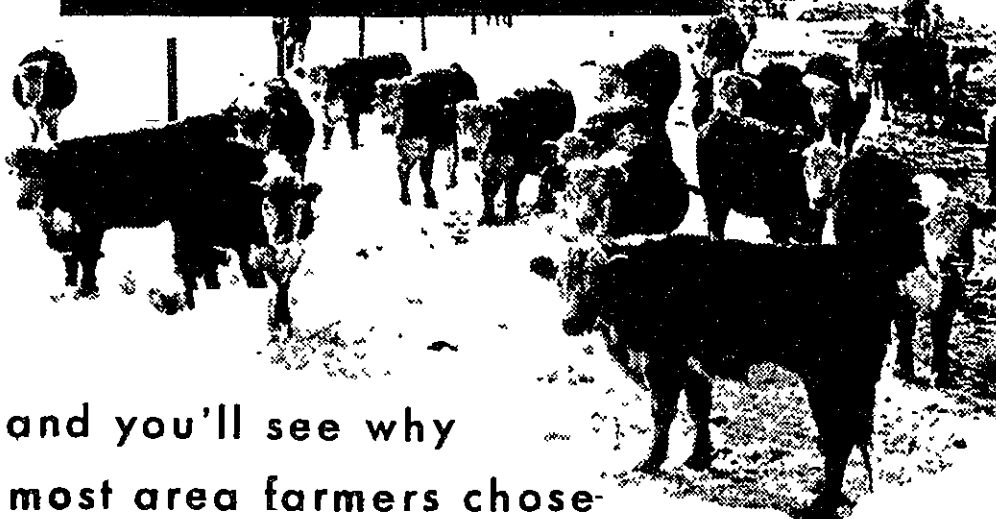
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# ... And that is the way it was

**Russell G. Hill**  
Michigan State University  
Retired

During this bicentennial year it appears timely to look back two centuries at events which influence our living today.

The felling of the first tree by colonists in the New World though never mentioned by historians was an act of great significance. It marked the beginning of an era of the most rapid rate of wasteful land use in the history of the world. The first English colonists settled in the Chesapeake country in 1607. They began hacking down the forest with rude tools. They had no knowledge of how to live in the wilderness nor did they anticipate that the number of people would grow until every acre in the country had to be counted. The acreage under cultivation near the coast increased and farms grew larger. More and more ground was plowed. More forests were devastated, more grass was eaten by the growing herds of cattle, hogs and horses.

In Virginia and in other southern colonies it was a similar story but with tobacco, corn and later, cotton. Some farmers lived all along the coast, they came in greater and greater numbers. They advanced farther and farther into the wilderness. They pushed up the river valleys, sought out the richest land and farmed it.

In the 1770's a few farmers in older sections noticed a change in the soil. At first it had been dark, in some places almost black, but now it was lighter in color. This change meant that a deterioration of the soil had set in. Fields became gullied. It

was a symptom of the slow sickness that would for a long time affect our land. It meant that much of the organic matter attacked first by fire and then by plow was gone. When rains came loose soil mixed with water and the muddy fixture flowed down-hill carrying with it the richest portion of the earth's surface - top soil.

In Colonial times almost every man was a farmer, even preachers and doctors were part-time farmers. Jared Eliot, a minister and a doctor in Connecticut was no exception. In his spare time he practiced farming and when he rode horseback calling upon his parishioners and the sick in his community he noticed the way other farmers farmed. He noticed that water running downhill, from a vegetated hillside was clear but that water running from a bare hillside was muddy. He believed that mud in water was fertile soil from above. Most of New England was hilly and every time water ran off one of the fields that field got poorer and poorer. He was one of the early settlers who began to realize that soils got poorer, not from over cropping, but by ravages from erosion. Because land was so plentiful and capital was so scarce colonial agriculture was wasteful and inefficient. Eliot resolved to do what he could to conserve soil. After many years of experimentation and observation he incorporated his ideas into the first American book on agriculture which was published in 1748. He recognized the importance of such practices as applying manure, limestone, growing cover crops



RUSSELL G. HILL

and maintaining organic matter.

A short time later Samuel Deane became another evangelist for soil conservation. Agriculture, as a whole, by 1800 had been "going downhill". As the slopes became poorer, the rich valley land suffered to, because sand, gravel and poor subsoil were washed down from the hills and covered fertile acres below. In many places the good soil had long since been washed away. Many farms were abandoned and their occupants had moved westward. Samuel Deane was the first to attempt to control wind erosion. He too was a minister and a farmer. He recognized ill-effects of erosion by both water and wind and developed ways to overcome these losses. Deane also recommended contour plowing to prevent gullying and sheet washing.

In this respect his work paralleled that of George Washington, Thomas Jefferson and other leaders in Virginia whose plantations had become eroded and unproductive. All

agreed that whenever sloping land was cultivated that contour plowing and other soil conserving practices should be adopted. Deane, as with Eliot, recommended that use of crop rotations, cover crops, manures, liming, and the use of crop residues to replenish the soil. Samuel Deane was the only colonial writer who considered wind erosion an important problem for New England's farmers. To prevent blowing and drifting of sand—he recommended hedge fences as well as plantations of locust trees. He advocated that those who possessed hills of barren sand should not delay to make forests on such spots. However, only a few farmers followed these recommendations.

We are sure that neither Eliot or Deane believed that it would be two centuries before farmers of America would seriously take on the job of controlling erosion through soil conservation districts. But that's the way it was 200 years ago.

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# Good reasons for ditch seedings

By Orville Beachler  
 Soil Conservation Technician

If you have excavated an open ditch on your property lately or plan to do so in the future, be sure and seed the banks.

There are good reasons why ditch banks and the spoil or berm should be seeded. Ditch banks and berm should be seeded to stabilize the soil and

reduce erosion, to reduce maintenance costs by decreasing siltation on ditch bottoms and to reduce invasion by weeds in raw areas left in ditch construction.

All newly-dug ditches should be seeded, as well as existing ditches where present vegetation is inadequate, and on ditches where clean-out, (Continued on page 12B)

## A Farmer's Creed

I believe a man's greatest possession is his dignity and that no calling bestows this more abundantly than farming.

I believe hard work and honest sweat are the building blocks of a person's character.

I believe that farming, despite its hardships and disappointments, is the most honest and honorable way a man can spend his days on this earth.

I believe farming nurtures the close family ties that make life rich in ways money can't buy.

I believe my children are learning values that will last a lifetime and can be learned in no other way.

I believe farming provides education for life and that no other occupation teaches so much about birth, growth and maturity in such a variety of ways.

I believe many of the best things in life are indeed free: the splendor of a sunrise, the rapture of wide open spaces, the exhilarating sight of your land greening each spring.

I believe true happiness comes from watching your crops ripen in the field, your children grow tall in the sun, your whole family feel the pride that springs from their shared experience.

I believe that by my toil I am giving more to the world than I am taking from it, an honor that does not come to all men.

I believe my life will be measured ultimately by what I have done for my fellowman, and by this standard I fear no judgment.

I believe when a man grows old and sums up his days, he should be able to stand tall and feel pride in the life he's lived.

I believe in farming because it makes all this possible.

SPERRY NEW HOLLAND

Keeping Faith with the American Farmer...

A Bicentennial Tribute

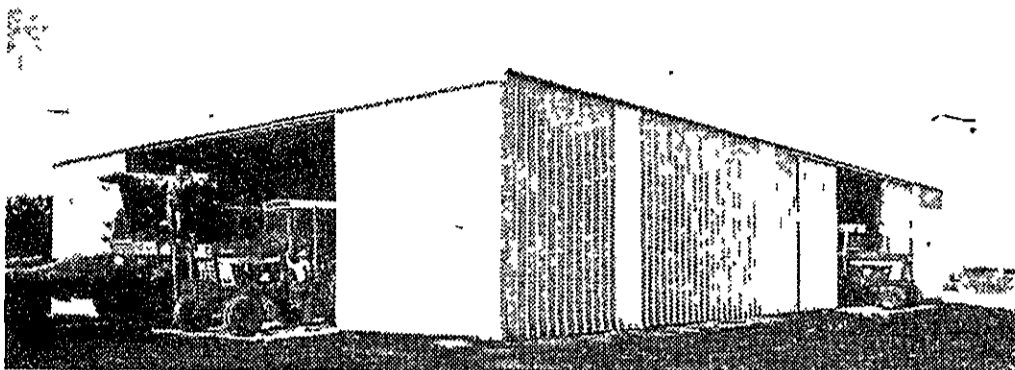
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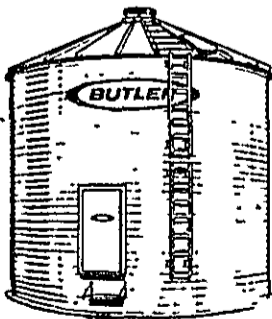
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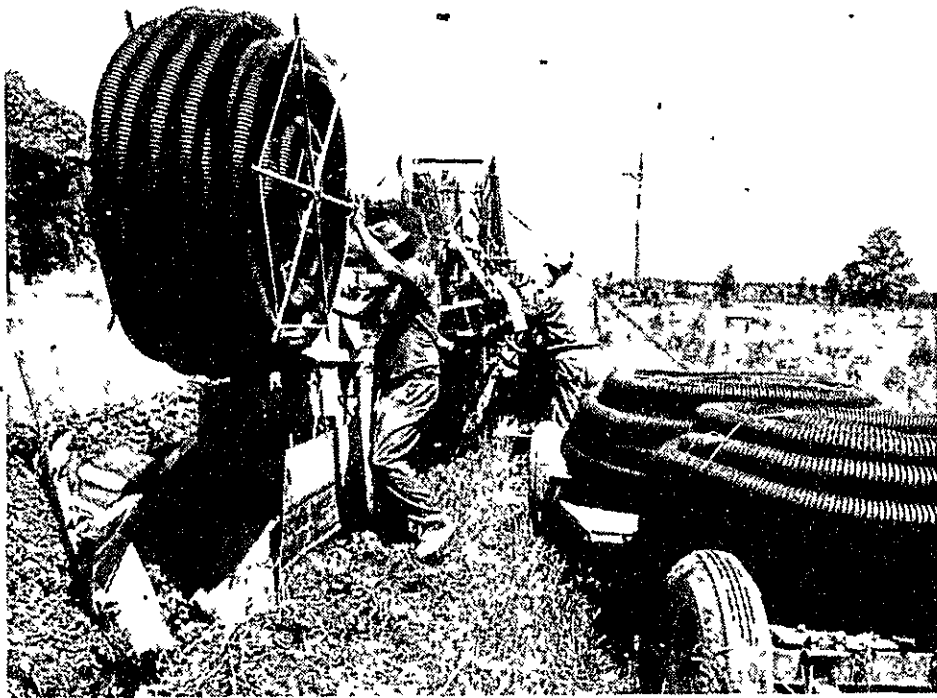
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# Farm drainage

By Orville L. Beachler  
Soil Conservation Technician

There are many advantages for tile drained fields over untilled fields. Here are just a few.

Tiled fields can be plowed and planted on the average of three weeks earlier. The earlier sugar beets are planted, of course, the better the yield, and that is also usually true of corn.

Yields will on the average be 20 to 25% more per year. This will usually pay for the tile installation cost in three years.

Tiled land works better and easier, saves time, labor and fuel.

Crops on tiled land will more efficiently utilize the fertilizer and lime that is applied which is another cost saver. Oxygen moves more freely through dry soils than wet soils, which promotes better crop production.

Crops can be harvested at the proper time on tiled fields; you don't have to wait for frozen ground to harvest your corn and soybeans.

Tiling does not "over drain;" it only removes excess water.

Tiling is an insurance policy, ask any farmer who has a good tile system.

It is very important that your tile system be installed properly, so be sure and secure a competent contractor or ask the Soil Conservation Service for help in designing your system.

Following is a quiz that was printed in the Trench Connection, a newsletter from Kraft, Inc.

Here is a yes or no quiz that can change your entire financial position. The best part about it is that if you answers

are wrong you can change them.

Have you turned a furrow or planted a seed yet? If not, you need TILE DRAINAGE.

Have you purchased that larger, new tractor to do your work with yet? If not, you need TILE DRAINAGE.

Have you harvested every crop you've ever planted? If not, you need TILE DRAINAGE.

Have you been able to contribute to your church as much as you desire? If not, you need TILE DRAINAGE.

Did you have a Florida vacation this winter? If not, you need TILE DRAINAGE.

Does your wife have all the modern conveniences in her home? If not, you need TILE DRAINAGE.

Are you going to be able to afford a college education for your children? If not, you need TILE DRAINAGE.

Is the automobile you are driving as new or safe as you would like it to be? If not, you need TILE DRAINAGE.

Are all your farm buildings new or in good condition? If not, you need TILE DRAINAGE.

Have you been able to reduce the mortgage on your farm consistently? If not, you need TILE DRAINAGE.

To provide the above for you and your family, it takes a good guaranteed income. Many Americans are enjoying these privileges. The future in America lies in the strength of the farmer. An investment in a TILE DRAINAGE SYSTEM will give the farmer this strength.

Contact the Soil Conservation Service office if you would like more information on tile drainage for your farm.

## ATTENTION FARMERS

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### Ditch Seedings

(Continued from page 11B)  
enlargement or spoilbank spreading leaves open areas subject to erosion.

IT HAS BEEN PROVEN by experience that the best time to seed ditch banks is during the actual digging of the ditch. Seed can be spread by hand daily on

the raw banks and a good catch will be established. Fertilizer should be applied at the rate of 140 pounds of plant food containing at least 60 pounds of nitrogen per acre. This is a relatively inexpensive operation because it takes quite a long ditch before you have an acre of actual ground to seed.

If ditch banks are not seeded during construction of the ditch, the seeding should be mulched to hold the seeding in place until it germinates.

THERE IS A VERY good ditch bank seeding on the Glenn Webster farm in Greenbush Township. The ditch is on the south side of the Maple Rapids Road 1½ miles east of Eureka. Eight different varieties of grasses were used on this ditch bank and tall fescue has proven to be the best variety to use.

The seeding of ditch banks are now required by Agricultural Stabilization and Conservation Committee if cost sharing is to be allowed on construction of ditches. Tall fescue and domestic ryegrass mixture is recommended for most of the areas in Clinton County.

Brush and cattails can be controlled by mechanical means or by herbicides without damage to the seeding itself.

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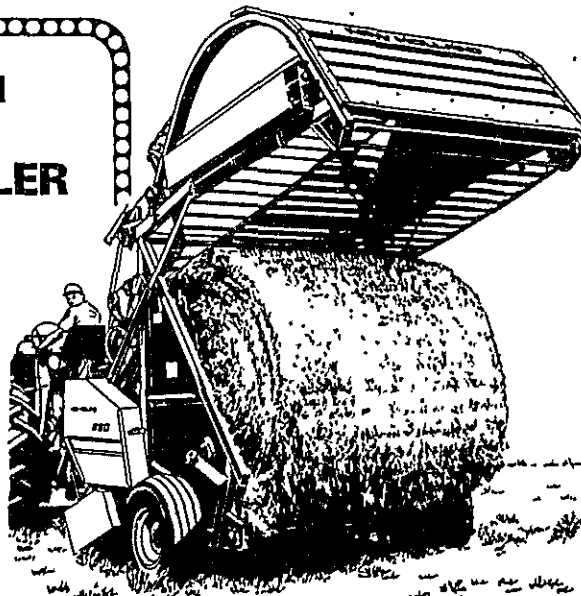
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# A look at the future

Thomas E. Jewett  
Area Conservationist

During our first 200 years we have seen our country grow from a small agrarian Nation into the most productive, industrialized Country in the world. As we enter our bicentennial year, it is evident that great concern and interest is again being placed on our farmers ability to produce the food and raw materials required. Farming, like industry, for the past 200 years operated in a climate where its basic resource appeared unlimited. Clinton County, like most of the United States, was blessed with an abundance of Prime Agricultural Land. The ability to produce the needed agricultural products was seldom a problem. In fact, most of the time we produced more than was needed.

This is no longer true. Agriculture, like industry, must come to grips with a growing shortage of its basic resource — land. Granted, our country has still an abundance of available land, but as other land use pressures have increased much of our prime agricultural land

has gone into other uses. In Michigan alone, thousands of acres of farmland annually are lost to other land uses. The second part of this problem is that many of the farm management practices used are not conducive to maintaining our soils productivity or they leave the soil susceptible to erosion during much of the year. Clinton County is no exception. Most of you are aware of land use changes that have occurred that have removed much prime agricultural land from production. Most of you are also aware of instances where farming practices have caused erosion that is destructive to our lands productivity. The sediment created by soil erosion accelerates the deterioration of our drainageways, increasing the possibility of flooding.

The Clinton County Soil Conservation District, during the past 21 years, has done a commendable job in carrying out a conservation program to control soil erosion and promote farm management practices to increase productivity while protecting the soil. More than

1,100 landowners in Clinton County are cooperating with the District to accomplish this goal. As the need for greater production and intensive farming increases, the importance of soil conservation practices to protect the land will be greater. With more than 150,000 acres of the County being classified as Prime Agricultural Land, the Clinton Soil Conservation District faces a large challenge in providing assistance to farmers to protect their farmlands in the future.

In the future the question of "conflicting land use" demands will become increasingly important. Many concepts in land use programs have been developed in the past years. These vary from doing nothing, to zoning, to tax credits, to governmental ownership. This important issue will have to be faced in the near future with a positive action if we are to maintain our prime agricultural lands while still allowing for necessary growth and development needs. The Clinton Soil Conservation

District has taken a step in becoming responsibly involved in a leadership role in assisting Clinton County to come to grips with this problem. They have established as a High Priority Goal the action of assisting local government to realize desirable land use.

The Conservation District has much resource information available to assist local governments accomplish this objective. The completed soil survey is an excellent base for any community to start their land use plan. From this, soil

survey knowledge of the land capabilities and limitations can be determined. This is valuable in deciding desirable land use. This is only an example of valuable land use data available from the District.

Soil Conservation Districts have been involved for over 35 years in helping people determine wise land use. As we enter our second 200 years, the knowledge and expertise available will be valuable in making land use decisions that will serve the best interest of both farm and city.

## 1976 ACP county programs developed

The 1975 ACP was administered by the ASC committee in Clinton County. The program practices were selected from practices that were in effect since 1970. The development committee for the program, which includes representatives from the SCD, SCS, Extension Service, MD-

NR, and ASCS implemented 15 practices that were essential to good conservation in Clinton County.

The practices allowed 47 farmers to lime 1,030 acres of legumes, 3 to construct ditches to serve 162 acres of cropland, 25 to install tile to drain 290

(Continued on page 16B)

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"A country can only continue prosperous, and be truly independent, which is sustained by agricultural intelligence, agricultural industry, and agricultural wealth. Though its commerce may be swept from the ocean - and its manufacturers perish - yet, if its soil is tilled, and well tilled, by farmers it can still be made to yield all the absolute necessities of life - it can sustain its population and its independence - and when its misfortunes abate, it can, like the trunkless roots of a recently cut-down tree, firmly braced in, and deriving nourishment from the soil, send forth a new trunk, new branches, new foliage, and new fruits - it can rear again the edifice of its manufacturers, and spread again the scales of its commerce." -Jesse Buehl

# Fertilizer movement on two small watersheds

By Robert Hubbard,  
graduate assistant  
Dept. of Crop and Soil Sciences  
MSU

A study on the loss of nutrients in surface runoff was started at Michigan State University in 1973. Two small adjacent watersheds (2 acres and 1.3 acres) located on the University farms were used. The purpose of the study was to determine total amount of nutrients lost in runoff water and sediment, and redistribution of the nutrients on the watersheds during runoff events.

Runoff waters from rainfall and snowmelt entered V-shaped flumes at the bottom of each watershed. One one-thousandth (1/1000) of the total runoff was collected for nutrient analyses. Data collected in the field included total rainfall, rainfall intensity, total runoff and runoff intensity versus time. Analyses of the runoff samples included grams of sediment per liter sample, nitrate, ammonium, Kjeldahl nitrogen, chloride, phosphate, and total phosphorus on the water phase of runoff, and nitrate, ammonium, Kjeldahl nitrogen and phosphate on the sediment phase of runoff. Soil

samples were taken from designated areas of the watersheds after each runoff event and analyzed for nitrate, ammonium, Kjeldahl nitrogen, chloride and phosphate.

Summer runoff magnitudes on the watersheds were found to depend on rainfall intensity, duration of rainfall after the start of runoff, and soil structure on the event date. Runoff magnitude increased with increasing rainfall intensity, increasing duration of rainfall after the start of runoff, and increasing bulk density or compactness of the soil surface. Winter runoffs depend on the amount of rain and accumulated snow on the watersheds and the rise in temperatures above 32° F.

Sediment content of runoff samples in grams per liter depended on the physical condition of the surface soil of the watershed on the runoff event date. During the summer, the highest contents were found in the first few runoffs after tillage. The surface soil early in the summer was loose and easily moved (due to tillage), whereas later in the summer the surface was more compact and not so easily moved. During the winter, sediment contents

were highest when the surface was thawed or partially thawed.

Fertilizer was applied in spring 1974 at the rate of 50 lb/acre nitrogen as  $NH_4NO_3$ , 100 lb/acre phosphorus (0-46-0), 100 lb/acre K (muriate) and 91 lb/acre Cl (muriate). An additional 100 lb/acre nitrogen as  $NH_4NO_3$  was sidedressed on the watershed having corn.

Loss of nutrients in runoff water for the second runoff following fertilizer application was 9 ppm  $NO_3$ , 2 ppm  $NH_4$ , 3 ppm KJN, 22 ppm Cl and 1 ppm  $PO_4$ . Nutrient loss on the sediment from this same runoff was 17 ppm  $NO_3$ , 78 ppm  $NH_4$ , 3420 ppm KJN and 338 ppm  $PO_4$ . Loss of nutrients in the runoff water from a later summer runoff was 1 ppm  $NO_3$ , 0.5 ppm  $NH_4$ , 2.0 ppm KJN, 4 ppm Cl and 0.5 ppm  $PO_4$ . Nutrient loss on the sediment from this later date was 13 ppm  $NO_3$ , 71 ppm  $NH_4$ , 2865 ppm KJN and 313 ppm  $PO_4$ . The highest losses of nutrient in the runoff water were found on the first few runoffs following fertilization.

Calculations of total nitrogen and phosphorus added from 1973 and 1974 and total amounts lost in surface runoff showed:

Total N added (1973 to 1974): 201 lb/acre  
Total N lost in surface runoff (1973 to 1974): 3 lb/acre  
Total P added (1973 to 1974): 94 lb/acre

Total  $PO_4$  lost in surface runoff (1973 to 1974): 0.3 lb/acre  
Nitrogen losses in runoff were equivalent to 1.5 to 3.0 percent of input fertilizer nitrogen. Losses of phosphorus were equivalent to 0.3 percent of applied fertilizer on both watersheds.

Analyses of surface soil from the watersheds showed movement of nitrogen and phosphorus from the side slopes to the lower flume approach area. Nitrogen contents of the flume approach areas were high at the beginning of the summer and remained high throughout the summer. Nitrogen contents of the sloping areas decreased during the summer as nitrogen was removed by surface runoff or leached downwards. Phosphate content of the flume approach areas increased during the summer due to movement of phosphate in surface runoff from the upper sideslopes.

In conclusion, this study shows a 1.5 to 3.0 percent loss of input fertilizer nitrogen and a 0.3 percent loss of input fertilizer phosphorus as phosphate in surface runoff. The study also shows a redistribution pattern of nutrients on the watershed, where nitrogen and phosphorus are washed in surface runoff from upper sloping areas of the watershed and deposited on lower flat areas.

More than three-fifths of all land in the 50 states is privately owned. Privately owned land produces 80 per cent of the game for hunting and has 85 percent of the wildlife habitat.

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## No-till guidelines

(Continued from page 8B)

when large amounts are required it must be surface applied.

There is evidence showing that when mpisture and/or residues are adequate, surface applied fertilizer can be effectively used by the corn.

But under conditions of limited residue and/or low rainfall, no-till corn yields may be reduced, compared to the conventional tillage system.

### Fertilizer Placement

Band applications of phosphorus are particularly important where soil phosphorus tests are low and soils are cold. Proper placement of starter fertilizer may be more difficult with conventional no-till planters. Therefore, fertilizer placement should be slightly more than two inches to the side and below the seed to insure good seed germination without fertilizer injury.

Some farmers have solved the problem by widening the tillage strip with two fluted coulters on the planting unit.

### Nitrogen Application

Surface applied nitrogen normally does not cause problems, because nitrogen fertilizers are soluble and move readily with water.

Nearly all nitrogen fertilizers are acid forming and consequently the soil surface can rapidly become acidic. The availability of phosphorus to the plant near the surface is also affected by soil pH. Therefore, it may be advisable to lime more frequently with smaller amounts than normal. An alternative would be to plow every three or four years to incorporate lime and fertilizer nutrients.

Anhydrous ammonia has been successfully used in the no-till system and will reduce the need for frequent liming as it is incorporated in the soil rather than surface applied.

Applicator knives should be equipped with rolling coulters ahead of each knife and a packer wheel behind to prevent ammonia escaping through the slit made by the knives.

Applying urea and 29 percent nitrogen solution (50 percent urea) to crop residues may also result in sizable losses to nitrogen by ammonia volatilization, especially if temperatures are warm.

Ammonium nitrate may be the best source of nitrogen for surface application on heavy residues.

Surface applied nitrogen also has a greater possibility of being tied up in organic residues. Consequently, 10 to 20 percent more nitrogen may be required where residues are encountered.

Surface residues have the advantage of keeping soil temperatures cool and reducing evaporation, but they may also contribute to leaching or runoff losses in years of excess moisture. On fine-textured soils, excess moisture may enhance denitrification by prolonging water-logged conditions.

### Soil Fertility Levels

Large applications of fer-  
(Continued on page 17B)

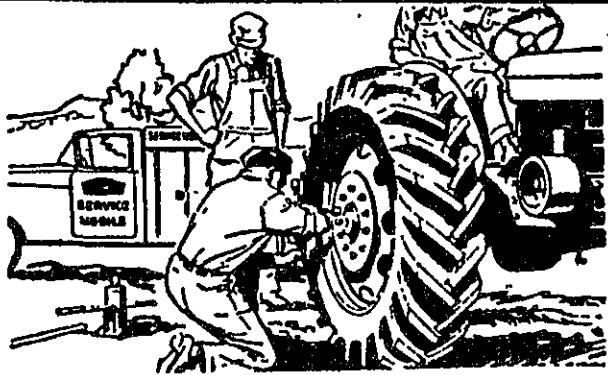


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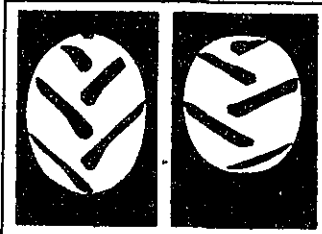
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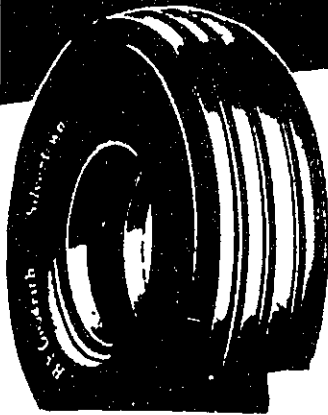
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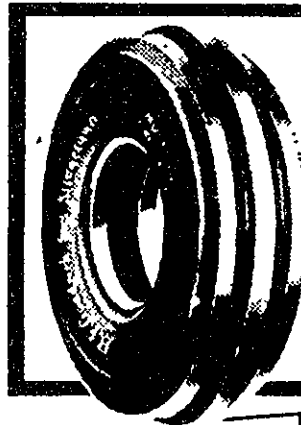
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# Viewpoint - - - From U.S. Senator Philip A. Hart

By Sen. Philip A. Hart

In January, 1776, Thomas Paine boldly attacked the English monarchy in his publication "Common Sense," in July the Continental Congress adopted the Declaration of Independence, and by December, George Washington was leading the Continental army across the Delaware for a successful battle against the British. Certainly the year 1776 was a monumental one for world history, for it was the beginning of the continuing experiment in self government called "the United States."

This year we will be honoring our nation's birthday with scores of celebrations and historic renderings. However, as inspiring as such events will be, a better way to commemorate our past will be to take actions which will move our country closer to the ideals on which it was founded. By action, I mean progress in areas vital to the quality of life.

This action must be taken by Congress and the Administration, and most importantly, by the citizens who demand it from their leaders. There are many areas that

need attention, perhaps none more than delivery on our official belief that "all men are created equal." While some of our problems are relatively new, the denial of equal opportunities has been with us from our start. We must not let another decade, let alone another 200 years pass without taking more positive action.

Energy is another area -- although the past few years have dramatically brought to our attention the fact that there is an energy shortage, Congress and the Administration have hemmed and hawed on the problem. We still simply have not learned to live within our energy capabilities and limitations, and we need to face this and to develop conservation and development programs if Americans 200 years from now are to enjoy adequate energy resources.

Then there is the problem of income distribution and tax fairness. It seems that almost every spring there is a loud cry for tax reforms--reforms which would make the system more equitable and more efficient--but by the end of the year that cry has faded and no reforms are passed. Perhaps this year we can sustain that momentum and pass sound legislation in this area.

The bicentennial year is also an appropriate time to look closely at our country's economic system. We need to decide whether we want the

system to slide into one of nationalized, regulated industries, the direction in which we seem to be headed, or whether we want a competitive free enterprise system. Then we need to act in order to set this course. If we hope to continue with a system of competition, then our regulatory process must be overhauled and certain laws must be passed to re-establish and safeguard competition in certain areas of our economy.

But the economic and energy problems of America will be totally insignificant if the environment--the good health of man and nature--is not safeguarded. Daily, stories of air pollution, ozone layer destruction and cases of toxic substance contamination are reported in the newspapers. In Michigan, for example, high levels of the toxic substance PCB, the cause of several potential health problems, have been found in fish and in humans. The long range effects of these substances can not yet be totally calculated -- but their adverse effects appear to be devastating. If we are to leave a promising world to our heirs, we must leave them a healthy environment.

Another shortage problem, even more important than energy, which we must face is the ever increasing shortage of food. Not only must we continue the search for solutions to hunger within our own country,

but we must look at the broader problems of world hunger. We must not only do this for humanitarian reasons but also for practical ones -- unfortunately, too often food is equated with arms. Although it is at times difficult to think of sharing right now when jobs and income are eroding within our own country, this is one of the major world problems of the coming century, and one in which we must take the lead.

But certainly, there is no greater legacy that we can leave to future Americans than a world secure and at peace. And in order to do that we must make greater progress toward world disarmament. In 1976 more than \$104 billion dollars is budgeted for Pentagon spending while only \$10.7 million is budgeted for our disarmament programs. Around the world trade in weapons continues to grow as arms spending exceeds \$246 billion a year. If we are to leave a world at peace, we must reorder our priorities and demand world-wide efforts toward lasting disarmament.

These are only a few areas in which progress must be made in order to better guarantee a healthy and prosperous future America -- certainly there are others, such as crime prevention. But if we can, as our forefathers did in 1776, make 1976 a monumental year, we will leave an important and lasting legacy for generations of Americans to come.

## 1976 ACP programs developed

(Continued from page 13B)

acres of cropland, 18 to apply winter cover on 1,130 acres, 21 to establish permanent vegetative cover on 453 acres, 5 to plant trees, 8 to install ponds, 1 established wildlife habitat on 5 acres, 1 established sod waterway to serve 15 acres of cropland.

Two other programs were implemented. Long term agreements which allowed 8 farmers to sign up from 3 to 10 years on practices to be per-

formed yearly for the length of the contract.

Another program implemented in Clinton county was the forestry incentive program. Eleven farmers participated in planting trees for timber and improving stands for future use for timber.

The 1976 ACP program will be similar to 1975, with a few minor changes. Sign up is now underway and will continue through December 1976.



# 59

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# No-till guidelines

(Continued from page 15B)

tilizer and lime cannot be incorporated into the soil in a continuous no-till system, so the soil should have a high fertility level at the outset.

If the levels are not medium or high initially, plowing every three or four years may be necessary, to incorporate the required amounts of phosphorus and potassium.

Many of the soils best suited for no-till need lime. Maintaining soil pH between 6 and 6.5 facilitates maximum nutrient availability to the plant. Sur-

face applied lime will have little effect in neutralizing soil acidity in the active root zone. Therefore, it's desirable to incorporate needed lime before going no-till.

### Soil Testing

A regular soil testing program should be an essential part of any corn production program, including no-till. Soil samples should be taken every second or third year to be sure good soil fertility is being maintained. If soil pH or

nutritional levels have decreased, more lime and fertilizer may be necessary to build up the soil pH, phosphorus and potassium levels.

Success of no-till crop management of corn production depends on controlling existing vegetative cover and weeds throughout the growing season.

"In a conventional tillage program, the producer usually has the option of cultivation if the chemical program proves inadequate. But in a total no-till system, this option is not

available," says Drs. R. W. Chase and W.F. Meggitt, Michigan State University crop science specialists.

Vegetation control management in the no-till system requires a greater degree of skill on the part of the producer. No-till is used on sod or meadow fields and on crop residue fields such as corn following corn, or corn following wheat. Weed control in each situation may require different chemical tools.

Existing sods present the greatest challenge to

satisfactory vegetation control. Corn will do much better on sod that has been cleanly harvested.

On sod where the residue has been allowed to accumulate, the corn plant will have the toughest time getting satisfactorily established. Excessive trash can absorb herbicides, interfere with good performance of the fluted coulter, prevent proper seed placement and result in poor closing of the soil over the seed.

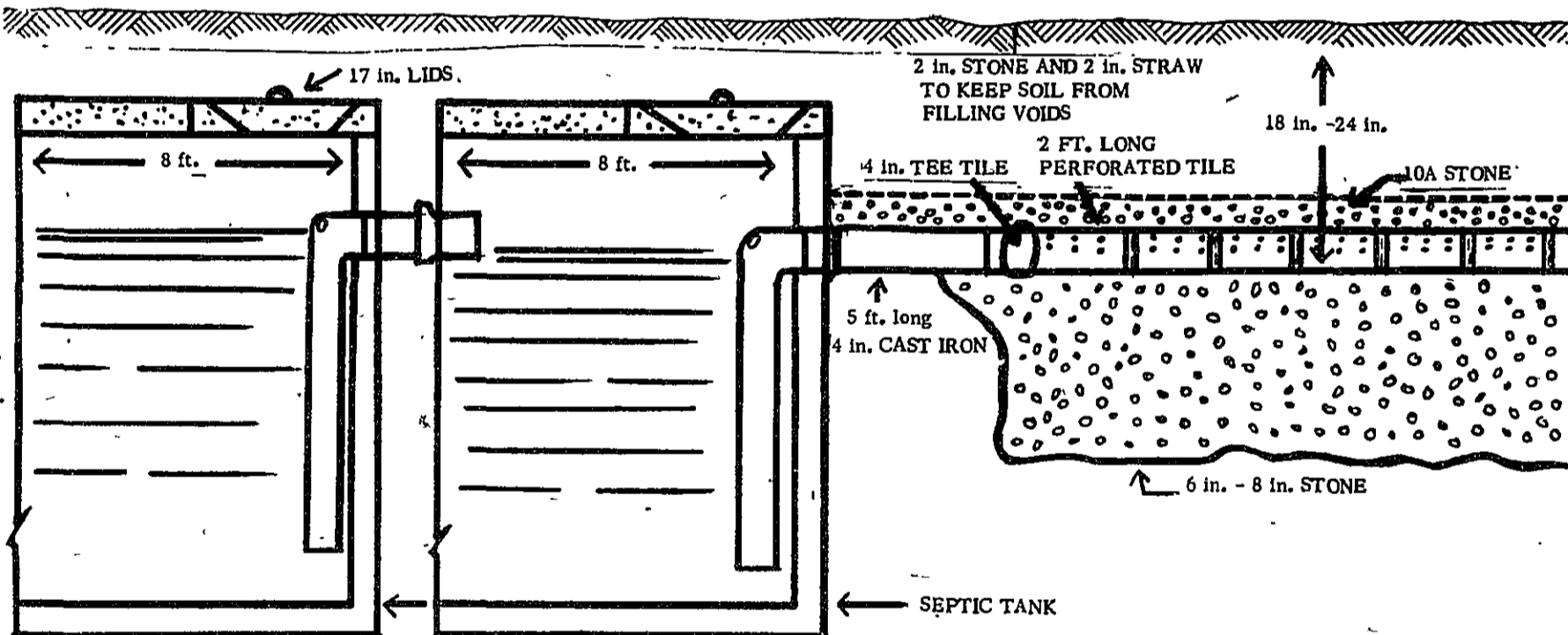
Soil type, organic matter, sod density and moisture condition

(Continued on page 23B)

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# Searching for plant materials to reduce erosion, sediment damage

By Dorian A. Carroll  
Plant Materials Specialist  
Soil Conservation Service

Evaluation of new grasses, legumes, and woody plants which may have potential conservation value is a continual process in the Plant Materials Program. Recently the search for new and better plants has been broadened to include new emphasis on plants for stabilizing critical sediment source areas. Mine spoil revegetation, roadside development, wildlife habitat improvement, and recreation are other uses relative to environmental improvement.

To date such plants as 'Emerald' Crownvetch, 'Cardinal' autumn olive, and European black alder have moved into production and widespread conservation use. Others such as 'Mackinaw' birdsfoot trefoil, 'Arnot' bristly locust, 'Midwest' crabapple and Norway poplar are becoming available for use in conservation programs.

Because many kinds of plants, grasses, shrubs and trees are needed to treat land to reduce soil erosion by wind and water, the Soil Conservation Service operates plant materials centers to develop plant materials for various conservation uses. There are 23 plant materials centers in the nation. One of these, the Rose Lake Plant Materials Center, is located on the Rose Lake Wildlife Experiment Station near East Lansing, Michigan. This Center provides plant materials for field testing in Michigan. At the Center many

kinds of plant materials are assembled and evaluated to help meet the ever-expanding resource conservation needs. The work performed by SCS plant materials centers is different from that of state experiment stations or universities. The SCS is primarily interested in improved plants for conservation uses.

Plant Materials which appear promising for conservation uses when compared with the commonly used plants are selected for evaluating in field plantings on lands of soil conservation district cooperators. The Center produces approximately 3,000 pounds of grass and legume seed and 50,000 woody plants annually. Field plantings, ranging from 150-175 in number are located throughout Michigan where problems occur and where final evaluation of fitness, use, and superiority of the plants can be made.

Cardinal autumn olive, a popular shrub for wildlife and beautification, and Emerald crownvetch, a perennial legume used for critical area stabilization and beautification were materials tested in the program. Mackinaw birdsfoot trefoil, a perennial legume, was released in 1971. Mackinaw is an improved variety for use as a long-lived perennial legume with grass for pasture or hay and for use on earthfills, banks and on areas that are too wet for crownvetch. Foundation seed of these materials is being maintained at the Rose Lake Plant Materials Center.

Besides adding beauty, trees act as community air conditioners. It's been said that a large elm tree, for example, has a total leaf area of almost an acre, offering a tremendous absorptive surface to collect dust, smoke, and organic gases from the air. Plan to plant trees this spring—to replace our dead elms. Without trees and other vegetation, man could not live. Not only does vegetation give off oxygen for man to breathe, it also transforms the energy of the sun into food for animals to eat.

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## A year of challenge

By Congressman Bob Carr

Our Bicentennial year must be a year of challenge in the exercise of our national will. This nation is at a critical crossroad. We've just ended two decades of wasteful, divisive foreign military involvement. We've seen unprecedented disregard and disrespect for law from the smallest tax evader to the President of the United States. We've seen corporations offer bribes and make illegal political contributions. We've seen lawlessness go undeterred and unpunished. We've seen our economy come apart as if under the influence of some centrifugal force.

As a result, we as a people are filled with a despair that contains the seeds of our material destruction. The polls which mirror our attitudes show that by the largest majorities ever posted, we no longer think life will get better and we no longer believe there is any economic or political justice.

We've lost confidence in

nearly every social institution—public and private. The danger is that as our confidence is destroyed we will begin by withdrawing into our individual worlds from which we will look at friend and foe in the same way. We will become highly vulnerable to demagogues of every political persuasion.

Our problems can be defined in many ways, but the definition is always basically the same—that of a lack of resource management. That is, who gets what? There are too many people and too few resources.

A significant part of resource management is contained in the House Interior and Insular Affairs Committee, on which I serve. We make decisions about coal leasing, land management, and energy policy, to mention a few. Because we are at these critical crossroad, important decisions on these matters have to be made in the next few years.

As we begin our 200th year as a nation, I want to extend an invitation to you to share in these decisions.

## Order trees before April 1

Now is the time to select the spot where you will want to plant trees this spring. Everyone of our cooperators has a site for a few trees.

Properly selected and planted, trees will provide many returns to the farm operation. Windbreaks around the farmstead, or on the west or south side of a sandy field will pay big dividends.

Our tree-planting machine may be rented for \$5.00 per 1,000 trees planted. Schedule the tree planter with District Chairman Stanley Baird by telephoning 669-9433 in DeWitt.

All stock is inspected and approved by the Department of Agriculture.

New Hardy Carpathian Walnut — the greatest tree find of the century! Here's a beautiful fast growing shade tree with tropical-appearing foliage. Produces large delicious, thin-shelled English Walnuts. It's perfectly adapted to cold winter — safely stands 20 degrees below zero without injury. Plant it for shade and nuts.

GREEN MUFFLERS — Trees can stop noise — In rural areas, greenbelts should be wide, dense, and tall where noise comes from high speed trucks with tall exhaust stacks.

This order blank for trees should be returned to the district clerk by April 1, 1976 at 100 S. Ottawa Street, St. Johns, Michigan.

We must reserve the right to make a careful record of the sequence in which we receive replies, and fill all orders on a fair, first-come, first-served basis, SO ORDER NOW!

	Per Size 100	Per 500	Per 1000	Per Trees
Red Pine	3-5"	\$4.50	\$18.00	\$33.00
Well drained sandy soils				
Austrian Pine	4-6"	4.50	18.00	33.00
Well to somewhat poorly drained soils				
White Pine	3-5"	5.00	20.00	36.00
Well to somewhat poorly drained soil				
White Spruce	6-12"	6.00	27.00	43.00
Well to somewhat poorly drained soils				
Norway Spruce	6-12"	6.00	27.00	43.00
Well to somewhat poorly drained soils				
Colorado Blue Spruce	4-8"	8.00	30.00	56.00
Well to somewhat poorly drained soils				
Scotch Pine [French Blue]	4-8"	5.00	22.00	38.00
Light sandy soils				
White Cedar	3-7"	9.00	40.00	65.00
Poorly drained soils				
Carpathian Walnut Seedlings	6-10"	\$2.50 ea.		
Well to somewhat poorly	12-25"	3.50 ea.		
drained soils	26-35"	4.50 ea.		
	36-48"	5.00 ea.		

NAME ADDRESS PHONE  
My check or money order for at least one-half is enclosed; \$

# More local road funds

By Francis R. Spaniola  
87th District

Under the present procedures of the motor vehicle highway fund, monies to be disbursed from the fund are divided among the Department of State Highways and Transportation, county road commissions, 10 percent is allotted for counties which have primary or local road mileage within the boundaries of urban areas. The remainder of the amount returned to county road commissions is disbursed on the basis of rural county primary and county local road mileage. However, some roads do not qualify for an "urban" designation, and yet receive much heavier use than those in a truly rural area. This situation is most pronounced in so-called "bedroom suburbs" surrounding urban areas and in resort and recreational areas which have a large influx of people during certain times of the year.

On July 1 of this year I introduced (with several other legislators) H.B. 5439, a bill to amend the Motor Vehicle Highway Fund (MVHF), established by Act 51 of 1951 and most recently amended by Act 327 of 1972. Basically, the bill does two things. First, it creates and defines a new category of road classification called a "medium density area" which would qualify counties containing such areas for additional MVHF funds. Second, it supplies a source for these additional funds by changing the current MVHF distribution formula in the following manner:

	PRESENT	PROPOSED
Department of State		
Highways & Transportation	44.5 percent	43.0 percent
County road commissions	35.7 percent	37.2 percent
Incorporated cities and villages	19.8 percent	19.8 percent
	100.0 percent	100.0 percent

This would result in about \$7½ to \$8 million yearly going to counties with "medium density areas."

Naturally, the State Department of Highways and Transportation strongly opposes this proposal. However, I feel, and I am certain many of my fellow legislators will feel, that after examining the facts, arguments and alternatives regarding this plan, it is a workable, justified and much needed piece of legislation. Listed below are some of the many reasons I believe this to be so:

1) According to statistics provided by the Department of State Highways and Transportation, the 83 county road commissions are responsible for 87,000 miles of road: 25,000 miles designated as primary, and 62,000 local. Of this total road mileage, 37 percent of county primary road mileage and 49 percent of county local road mileage are considered inadequate. Public Act 327 of 1972 recognized the critical problem of county roads in urban areas by setting aside a portion of the funds allotted to county road commissions for use on urban road mileage. However, this has not solved the problems of heavily traveled roads outside of urban areas which presently only qualify for a "rural" designation. By creating a new category for "medium density road mileage" the bill would help to alleviate the problems in those areas.

2) The present disbursement system for highway fund monies was worked out nearly 30 years ago to settle disputes among counties, cities, and the highway department over the share of highway funds that each should receive. Although the system has worked fairly well, in recent years there have been tremendous changes in the entire highway and transportation field: decreased consumer purchase of gasoline, changes in federal spending patterns, establishment of mass transit, and others. This bill is a first step toward the realization that it is time to reformulate policies and priorities concerning highways and transportation. Although the bill might not completely solve the particular problem which it seeks to address, it would help to remedy the situation and would nonetheless inspire needed discussion and review.

3) The 1972 Highway Needs Study done by Wilbur Smith & Associates for the Department, Counties and Cities called for the following distribution of MVHF monies: State Department - 35.6 percent; Counties - 45.3 percent; and Cities - 19.1 percent. Yet because of politics, mass transit considerations, and other factors, the current formula was enacted. However, now that some of those factors have changed, for example, near completion of the Interstate System, I feel it is time to begin adjusting the formula toward the real needs as stated in that comprehensive 1972 study.

After nine public hearings (held during this past August and September), in which the Towns and Counties Committee received testimony from numerous persons including both elected and appointed public officials, professional road builders, and everyday taxpaying citizens, I am convinced that the proposal contained in H.B. 5439 will not in any way cripple the operations of the State Highway Department, nor will it solve all of the serious problems confronting county road commissions. But, I do firmly believe that it is a proper piece of legislation aimed at offering some much-needed immediate relief to an area of our road system that has been too-long either ignored or given low priority status.

Based upon the testimony and research presented at the public hearings, I will soon be preparing and offering amendments to this bill to improve it even further and widen the scope of what might be defined as a "medium density area."

The legislation was introduced and is being processed because the people of my district have a serious problem (which also happens to be a problem in many other sections of the state). It is my duty as an elected representative of the people to seek solutions to their problems, which is what this particular legislation aims at doing. I invite input regarding this and other problems from concerned citizens at all levels of government and hope to continue serving you the best I can in the State Legislature.

# The next 200 years

by Arthur H. Cratty  
State Conservationist

By now every American is aware that 1976 will mark this country's bicentennial celebration. We are reminded of the fundamentals of American history that made this country what it is today yet very little has been said about the wealth of natural resources that is our heritage.

There have been notable Americans who were avid conservationists. Among early conservationists, George Washington and Thomas Jefferson are standouts. But for the most part, our natural resource history has been characterized by misuse and abuse.

Imagine if you will, just where our nation would be today if our natural resource heritage would have been lacking in quality and quantity. What if the American landscape had been desert or undrainable marshland?

NATURAL RESOURCE use and abuse has historically been our natural resource ethic until "conservation" entered the picture. "Conservation" means wise use of natural resources. We cannot stockpile or set aside our resources, but must maintain them wisely if the next 200 years of American history and development are to prove as rewarding as the past 200 years.

In all phases of American resource management, wise use of conservation, must be our guardian philosophy. American society is far too

complex to take a step backward in history and utilize our resources less intensely than we have.

As conservationists, we must

maintain our vigilance on resource use, and continue to spread the gospel of conservation to insure the success of the next 200 years.

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# A complete conservation plan.

By B. Dale Ball, director  
Michigan Department  
of Agriculture

I am pleased to salute the Clinton Soil Conservation district on completion of another successful year, and at the same time call attention to some of the issues confronting soil conservation districts all across the state of Michigan.

Lands in the Clinton SCD are experiencing strong pressures for change from rural agricultural to residential use. The district plays a major role in maintaining productive agricultural land.

For a landowner with soil or water management problems, the best start toward long-range solutions is through a complete conservation plan. Developed cooperatively by the owner and the soil conservation district staff, such a plan contains a systematic approach for improvement of the property. It may include provisions for drainage improvement, protection from water and wind erosion, establishment of grassy waterways, timber stand improvement, wildlife plantings, pond development, or other conservation measures.

To efficiently manage the use of land, with the least possible problems and greatest social and economic returns, each land user should endeavor to have a conservation plan developed for his land. The Clinton Soil Conservation district is ready and able to assist land users throughout the district.

The contribution of Michigan agriculture to the world economy and the world food supply must be maintained. In order to do this, agricultural

land must be preserved. Soil Conservation districts in Michigan have been helping to do just this for nearly 40 years, operating programs of soil and

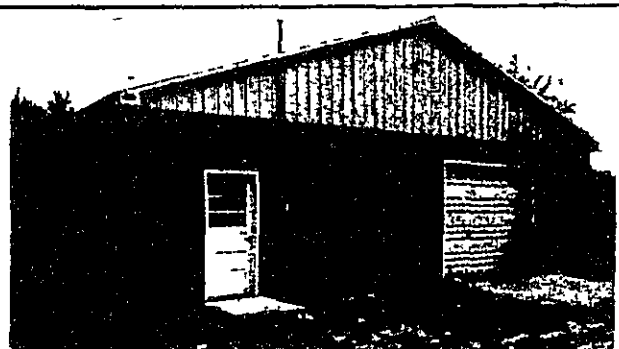
water conservation. - At a time when we are losing thousands of acres of productive agricultural land each year to highways, buildings and other uses, the role of soil conservation districts becomes more significant than ever before. Proper use and management of Michigan's

remaining croplands is a priority goal for each district.

Public understanding of the goals and accomplishments of our state's soil conservation districts is also important, and I believe this annual report is an excellent means of furthering this objective.

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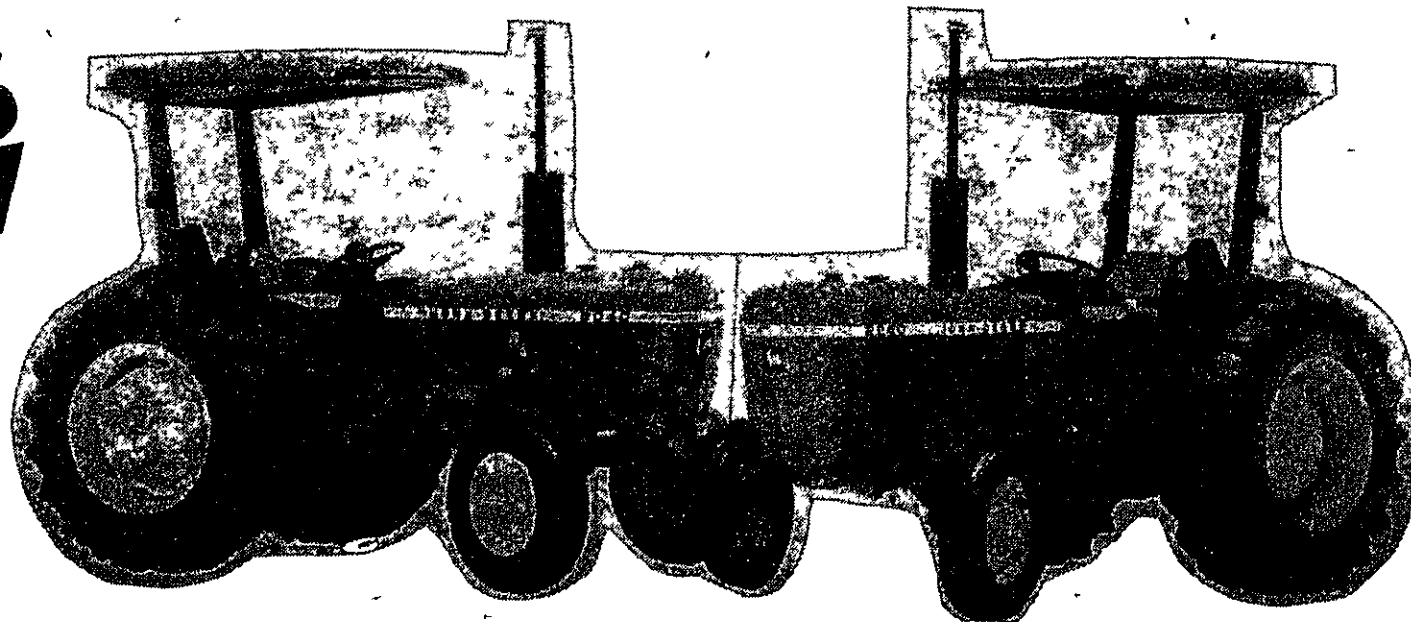
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# No-till guidelines

(Continued from page 17B)

will influence performance of the chemical used. For dense sod, 40 to 50 gallons per acre is suggested. On a clean cropped field, where vegetation cover is not dense, 20 to 25 gallons per acre is adequate.

The following are suggested treatments for vegetation control:

**Cover #1**

Predominantly alfalfa or considerable perennial broadleaf weeds plus some grasses such as timothy, brome grass and annual weeds.

**Treatment**

Apply 2,4-D low volatile ester at 1 1/4 pounds per acre 7 to 10 days before planting corn. Apply Aatrex at 2 pounds per acre plus paraquat at a rate of 1 to 2 pints per acre at planting time. When paraquat is used in the tank, mix X-77 or a similar non-ionic surfactant according to manufacturer's suggestions.

**Cover #2**

Predominantly grasses such as bluegrass, timothy, brome grass and annual weeds.

**Treatment**

Apply Aatrex at 2 to 3 pounds per acre plus paraquat at 1 to 2 pints per acre at planting time. Use higher rates where the harder to kill species, such as brome grass predominate.

**Cover #3**

Predominantly quackgrass plus broadleaf annual weeds.

**Treatment**

For maximum control of

quackgrass, use a split application of Aatrex. Apply Aatrex at 2 pounds per acre plus crop oil at 1 gallon per acre or a crop oil concentrate at 1 quart per acre when quackgrass has started active growth in the spring, 7 to 10 days before planting.

At time of planting, apply Aatrex at 2 pounds per acre plus paraquat at 1 to 2 pints per acre. If perennial broadleaf weeds are also considerable, use 2, 4-D low volatile ester at 1 pound per acre with the first application of Aatrex.

If the split application timing is not feasible in keeping with early corn planting, apply one application of Aatrex at 4 pounds per acre at planting.

**Cover #4**

A grain stubble or the residue of the new crop, such as corn or soybeans, where grasses and broadleaf predominate.

**Treatment**

Apply Aatrex at 1 to 1 1/2 pounds per acre plus Lasso at 2 1/2 to 3 quarts per acre plus paraquat at 1 to 1 1/2 pints per acre at planting time.

**Cover #5**

A grain stubble or the residue of a row crop - such as corn or soybeans with annual grass problems - plus specific weed problems such as nutsedge, Kimson weed, smartweed, Canada thistle.

**Treatment**

Refer to Extension Bulletin E-434 "Weed Control in Field Crops," available at local county Extension offices.

## To Clinton County Farmers



Our heartiest  
**CONGRATULATIONS**

**For Excellent Soil Conservation Practices**

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**SMITH-DOUGLASS Fertilization**  
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## Tips For A Better Future

**TIP NO. 1 . . .**

Invest your work now in Soil Conservation for greater farm earnings in the future!

**TIP NO. 2 . . .**

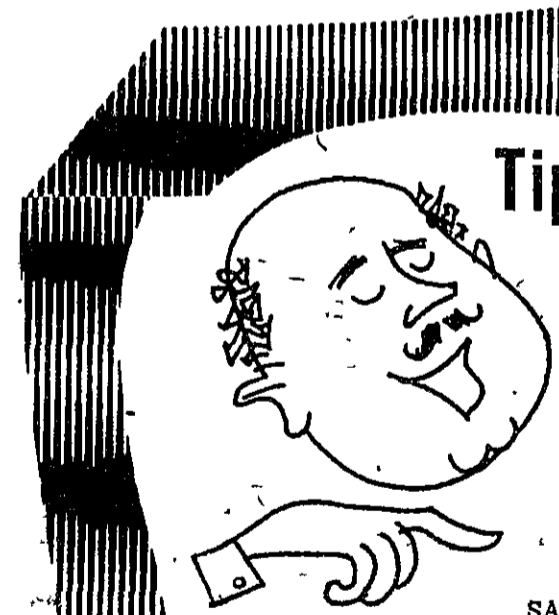
Self-employed farmers may now deduct 15% (\$7500 maximum) from farm income and exempt dividends from Federal taxes.

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## Population trends

The world population, estimated now at about 4 billion, is growing at 2 percent per year. This would mean an estimated population of 5 billion in 1985. Projections for the year 2000 are for a world population between 6 and 7 billion.

There are significant regional differences in population growth rates. In the developed world, the problem appears to be manageable; but in Asia,

Latin America and Africa population growth rates are excessive relative to food production potential.

The problem is particularly serious in Asia, where population density is high in relation to land area and other resources. Asia is dominated by the massive populations of India and China, whose 1.4 billion people make up one-third of the world's total population. The Indian growth rate of 2.4

percent per year seems likely to create a very serious over-population problem by 1985. The Chinese reportedly are making serious and sustained efforts to reduce their current growth rate of 1.7 percent per year.

Parts of Latin America have the highest population growth rates in the world but unexploited resources, particularly land, are available. Africa has very high birth and death rates; however, its death rates are declining.

## FHA assists with conservation

by Frank J. Tuma  
Asst. County Supervisor  
Farmers Home Administration

The Farmers Home Administration plays an active role in soil and water conservation and rural development through its many loan programs.

In the soil and water, farm, and operating loan programs; they may provide for land and water development, use, and conservation essential to the operation of a farm and any recreational or other nonfarm enterprise. The type of assistance may include land cleaning, establishment of permanent hay or pasture drainage and irrigation facilities, tiling, basic application of lime and fertilizer, fish ponds, dams, establishment of land conservation practices, and structures.

Technical advice is provided by the Soil Conservation Service supplemented by Farmers Home Administration's farm management assistance which tries to make profitable use of land, water, labor, and capital

of the farm on which the conservation practices were established.

WATERSHED and resource conservation and development loans are also available to local organizations. The assistance is for planning and carrying out land treatment measures needed for protecting and developing the land and water resources in small watershed project areas. Reduction and prevention of floodwater, sediment, and erosion damage along with conservation, development, utilization, and disposal of water including public recreation and fish and wildlife development are major concerns.

Local people acting through their sponsoring organizations must take the initiative and responsibility for starting these projects.

Farmers Home Administration urges all their regular borrowers and all local farmers to establish good soil conservation practices as recommended by the Soil Conservation Service.

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BELLEVUE

## SCD's working for wise land use

Competition between land uses in this nation has reached a point that concern is evident at local, state and national levels.

The term "land use" itself has ingrained conflicts. We take a fixed natural resource, "land", and utilize this resource to meet our needs. Conflicts arise because of our individual perception of needs and land users have varying goals and attitudes as to how land should be managed.

Unwise land use caused the Dust Bowl days of the early 1930's when soil from the West was deposited on the front steps of leaders in Washington. It became obvious that some attempt should be made to protect and care for the land.

THE SOIL conservation movement in America began with the recognition that our lands must be used wisely, if all were to benefit from our great natural wealth. Conservation means wise use.

Soil Conservation Districts answered the need for logical land use planning that was compatible with local goals and needs. Wise land use and planning were the ultimate goals of the early conservationists and still remain as the number one priority.

No other organized group in America has had such a direct effect on the wise use and management of land at the local level as Soil Conservation Districts, and their technical advisors, the Soil Conservation Service.

Throughout American history, the resource base of "land" has not changed. The conflict over competition for its use has however. Some land areas that have been managed wisely for years as a result of the application of conservation measures now face competition from a variety of other uses. Wisely-managed agriculture lands give way to new land uses such as developments, industry, highways, and a host of other competitors for "land". The use may change but conservation problems associated with land may very well continue.

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# Tips on installing tile drainage

By Lloyd B. Campbell  
U.S. Soil Conservation Service

Much has been written about blinding. By blinding, we mean to place topsoil over tile immediately after laying. This will let water pass freely into the tile and hold the tile in place in case of rain and when back filling. In sands or tight soils, you may need to blind tile with gravel, hay, straw, or corn cobs.

Cracks between tile, blinding, and backfilling seem to be keys to satisfactory results from a tile system that flattens the water table in the field, and insures that the roots will have to feed on at least 36 inches of soil they never enjoyed before the tile were installed.

David H. Harker, Extension Specialist in Drainage, Purdue University, in his bulletin, "Tile Drainage for Bumper Beet Crops," said that in general, the cracks left between lateral tile should be one-eighth inch. A snug fit is better in silty clay loam and sandy clay loam. In clay loam soil where there is little silt, one-quarter inch is the proper spacing. Wider spacing can be used safely in fibrous much or peat. But where proper precaution is taken in backfilling, one-eighth or one-quarter inch joints are sufficient in any soil. It is merely necessary to place immediately over the tile certain materials which will keep the soil from sealing the

cracks, yet allow the excess soil water to enter.

Mr. Harker says there are many other aids to percolating soil water which can be rendered in backfilling. In any kind of soil it is well to scatter a little straw over the tile before replacing the soil, simply to insure porosity around the joints. But especially is the need for this treatment indicated when the subsoil is tight or when it contains materials which cause a sealing of the joint. Wheat straw is best because it remains in the trench longer than oat straw. Three or four inches of loose straw is sufficient.

With straw around the tile, the joints will not seal over. However, some degree of porosity is needed throughout the depth of the trench. If the soil is porous, nothing more is needed. If not, then some porous backfilling material should be used such as gravel, cinders, or corn cobs. It is seldom necessary to use it continuously along the trench, but only at intervals; and it is seldom necessary to backfill porous material through the full depth. Many farmers install tile after grain harvest using a side delivery rake to place a layer of straw over the newly installed tile.

Backfilling porous material in the trench is done simply to change soil structure over the

tile. Whenever the soil has become deflocculated and soggy from lack of calcium, the soil structure may be made more favorable by the backfilling of agricultural limestone along with the native material. In a short time, the lime will act to form a crumb structure in the

soil which allows the movement of water to the tile.

These artifices are not employed to be permanent in themselves. Rather, the use of porous backfill simply hastens the movement of soil water to the tile for the time being, thus assisting the crops, aeration,

and opening up the soil giving it natural porosity. Drainage should improve the soil structure. Improved soil structure in turn improves drainage. A conservation rotation improves structure, improved structure improves ability of tile to drain a field.

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## Waterways need maintenance

(Continued from page 7B)

locate problem areas. During this inspection, these problem areas could be re-seeded and fertilizer could be spread on the whole waterway.

GRASSED waterways, after installation, will always require some form of maintenance. This maintenance can come in the form of sod strips, a good conservation cropping system,

a good mowing schedule and others. If these practices are used, a farmer or operator can expect many years of successful service from this waterway. For more information on the maintenance or construction of waterways, contact your local Soil Conservation District through your local Soil Conservation Service Office.

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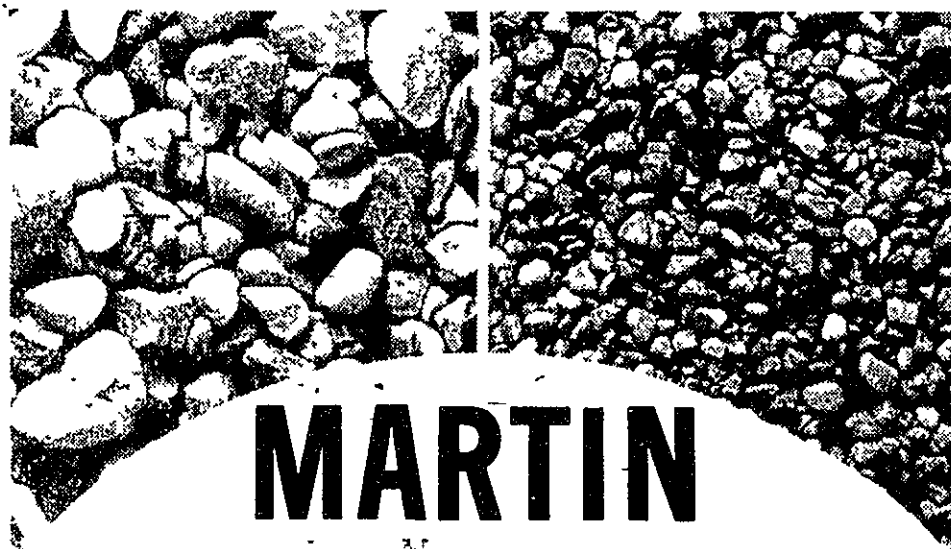
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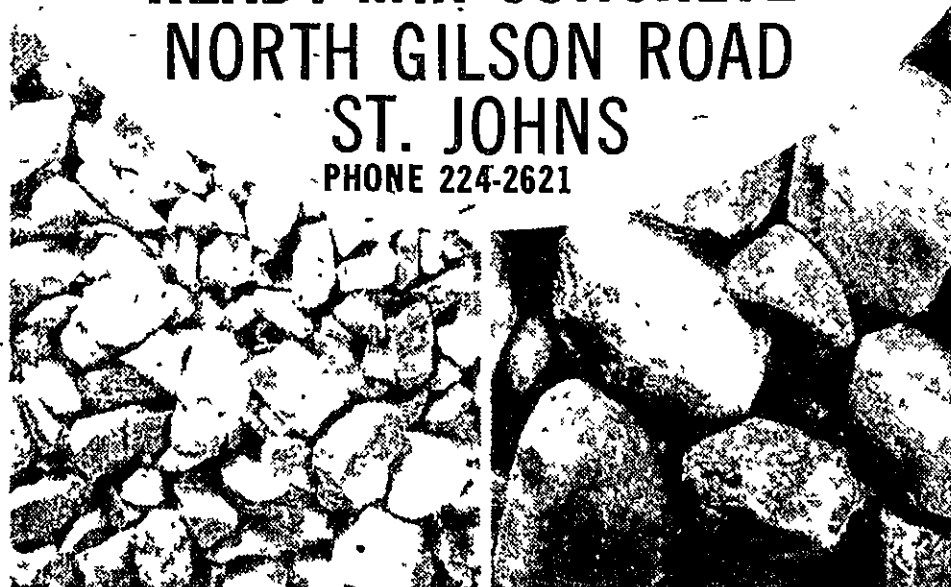
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# Soil erosion is a growing problem.

Keeping the good earth underfoot is not only desirable, it is a mandate, if U.S. food production is to meet increasing

world food demand. "It is estimated that up to two billion tons of soil are eroded away in the U.S. annually. Numerous observations suggest that wind and water erosion problems are increasing in Michigan," says Dr. L.S. Robertson, Michigan State University soil specialist.

U.S. Secretary of Agriculture Earl L. Butz, believes that unless more voluntary conservation practices are used, someone will try to make erosion control mandatory, which could lead to a bureaucratic nightmare.

Erosion is increasing because farms are larger, fields contain more acres and fewer farms have sod pastures and legume crops which control erosion.

Many woodlots, which acted as water reservoirs, have disappeared. Chemicals used in fields and fence rows have reduced weed populations, facilitating soil movement. As better seed is developed, lower populations are required, increasing chances of water runoff and runoff and soil erosion.

New programs emphasizing all-out production are likely to increase Michigan's erosion problems. Idled fields, originally abandoned because special management was required, are being brought back into production. Many of these were prone to erosion because of steep slopes or the sand content.

But modern farming does not have to be equated with in-

creased erosion. New concepts have been developed to help curb the problem, such as no-till. It is especially adapted to fields that tend to be sandy and those that are steep and long enough to make erosion a hazard.

No-till has proven to be the most effective management practice developed for water and wind erosion in corn production. Conserving soil minerals also results in control of essential plant food elements and reduction of air and water pollution problems.

Michigan farmers need to establish new roles and redefine some old concepts for soil management. Commitment is needed from land developers and builders since construction projects are also subject to serve erosion if left unprotected.

Soil conservation no longer means just protecting the soil - it is improving soil where erosion is a severe problem. Modern soil conservation is called creative and concerned soil management, which places the responsibility upon the individual to help prevent erosion.

This process includes use of soil survey reports and maps, soil sampling and testing procedures. After the data is carefully analyzed, conservation practices - minimum tillage, strip-cropping, contour plowing, terracing, range seeding, planting trees for wind screens, fall crop planting - need to be applied.

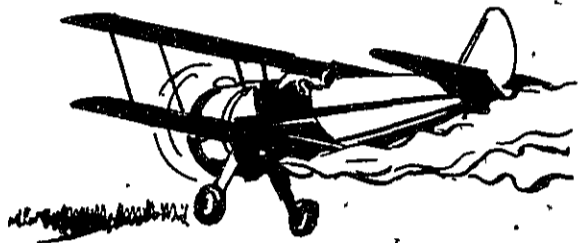
The personal investment the farmer makes in conservation usually increases the value of his farm. Farm and ranch lands are the most important asset of the country as they produce the food and fiber for most of the world. They also provide the nation with its most important export commodities.

Research, experience and technical help are readily available through universities, the local county extension agent or soil conservation service. The know-how is there, but too many people have not bothered to apply the knowledge.

The results of good soil conservation will help increase yields, put more money in the landowner's pocket and save billions of dollars for lake and stream clean-up.

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# Build a grass waterway

By Orville Beachler  
Soil Conservation Technician

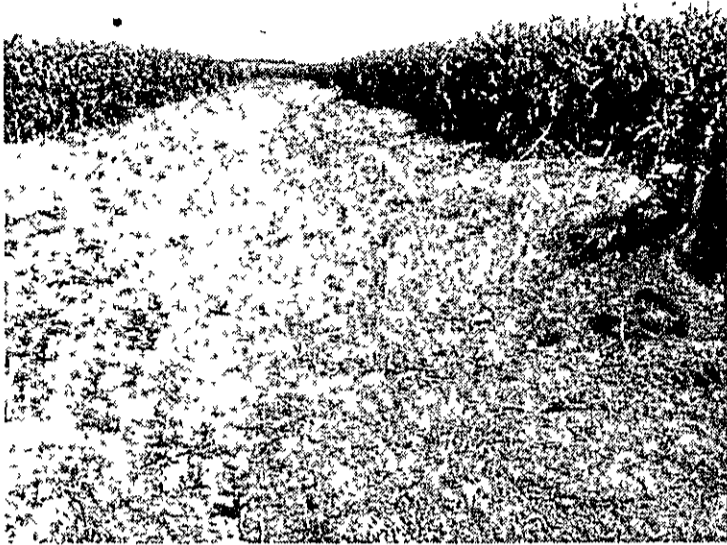
The large amount of rain that fell in Clinton County in August and September of 1975 caused serious erosion on many farms in the county. Much of the erosion could have been reduced if grassed waterways had been constructed in the natural drainage ways to safely conduct surface runoff across cropland.

You could say that a grass waterway is a highway paved with grass. They are designed to carry large amounts of surface water across crop fields and pasture without erosion. Most grass waterways are designed so that they can be crossed safely with farm machinery.

A grass waterway should have a cover of good healthy sod. But, good sod doesn't just happen. Here are a few factors that will help assure establishment and long life for a grass waterway.

1. Shape waterway to provide for an even flow of water without sudden changes in grade or cross section.
2. Apply needed fertilizer and work into seedbed. Lime may be needed on some soils. Most subsoils will require 500 to 1000 lbs. of 12-12-12 (or equivalent)

It has been said that time is divided into three parts—the Past, the Present, and the Future. We can do nothing about the past. It is gone and can never be recalled. The present is only an instant. The future is the only period of time that we can do anything about.



This waterway is located on the Ray Warner farm in Bengal Twp. and safely conducts surface water from most of his farm and some water from a neighbor to the south of him. It was seeded to tall Fescue grass. The first photo shows the waterway shortly after completion and the 2d photo shows the waterway later with a dense sod cover to let surface water travel over the ground without erosion.

per acre to assure a vigorous grass cover.

3. Firm seedbed with cultipacker and seed with adapted grasses. Harrow lightly or roll again to cover grass seed. Suitable grasses are red fescue, smooth bromegrass, and tall fescue. A small amount of domestic rye grass may be added to provide quick cover with the slower starting fescues and bromegrass.

4. A good mulch for the waterway is strawy manure. Apply at the rate of two tons per acre.

5. Refertilize with 300 to 500 pounds of 12-1-2-12 per acre every two or three years to maintain a healthy protective sod.

The best time to establish a grass waterway is in July or August. Contact the Soil Conservation District office for help in designing a grass waterway on your farm.

The accompanying photographs show a grass waterway on the Ray Warner farm in Bengal Township. The first picture shows the waterway right after it was constructed several years ago, and the second shows the dense sod in the waterway as it is now.

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# Name outstanding conservation farmers

By Orville Beachler  
Soil Conservation Technician

Frank and James Rivest of Duplain Township have been selected for the Conservation Farmer of the Year Award by the Clinton Soil Conservation District. This award is presented annually by the Directors of the District to the cooperator who they consider has done an outstanding job of establishing conservation practices on his farm.

Frank and Mary Rivest and their son, James and his wife, Diane, own 417 acres and rent 330 acres more in Duplain Twp. Frank and Mary have 9 children, with only the three youngest now at home, and Jim and Diane have two children.

Frank says that he has been a farmer all his life. He was born in Montana, but his folks moved to Michigan when he was small. He said he was raised on a farm south of Ovid. He and Mary rented the farm they are now living on 30 years ago and eventually bought it. Jim was born on this farm.

Frank graduated from high school in 1937 and took a short course at MSU.

Jim also graduated from high school and attended MSU. He has a degree in Dairy Production. Jim also served 2½ years in the Army.

The Rivests' have a dairy operation and have an outstanding herd of cows. They milk 140 cows and have 130 head of replacement calves and heifers. Frank says that their herd has a rolling average of over 16,000 lbs. of milk per cow and 630 lbs. of butterfat.

The predominate crops raised on this farm are corn, wheat and hay, and nearly all of it is fed to the cattle. They do sell a little corn and some wheat.

Frank and Jim experimented with no-till planting of corn in 1975. They planted 100 acres in sod or other crop residues without any tillage operation whatsoever. They are pleased enough with the results that they plan to increase their no-till acreage this year. They planted another 400 acres of corn using minimum tillage.

Some of the other conservation practices they have established on their farms are: Conservation Cropping System - 476 acres; Crop Residue

Management - 300 acres; Cover Crops - 130 acres; Woodland Harvest Cutting - 12 acres; Tile Drains installed - 122,094 feet (over 22 miles); Open Drains - 7,400 feet; Land Smoothing - 40 acres; Land Adequately Treated - 395 acres; and 3 Erosion Control Structures. They planted Multiflora Rose shrubs on the ditch banks for erosion control and wildlife cover. I saw at least two dozen pheasants in those shrubs the day I interviewed Frank and Jim.

Frank Rivest is a member of the Ovid-Elsie School Board, a member of the Market Commission of the Michigan Milk Producers, and he belongs to the Elsie Lions Club, and is a Farm Bureau member.

Jim is on the Michigan Artificial Breeders Board, on the Nominating Committee for Michigan Milk Producers, and a Farm Bureau member.

Congratulations to Frank and Jim for the outstanding job of soil and water conservation they have done since they became cooperators with the Clinton Soil Conservation District in May of 1960.

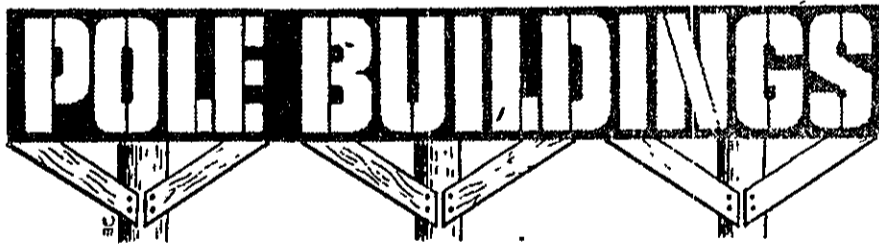
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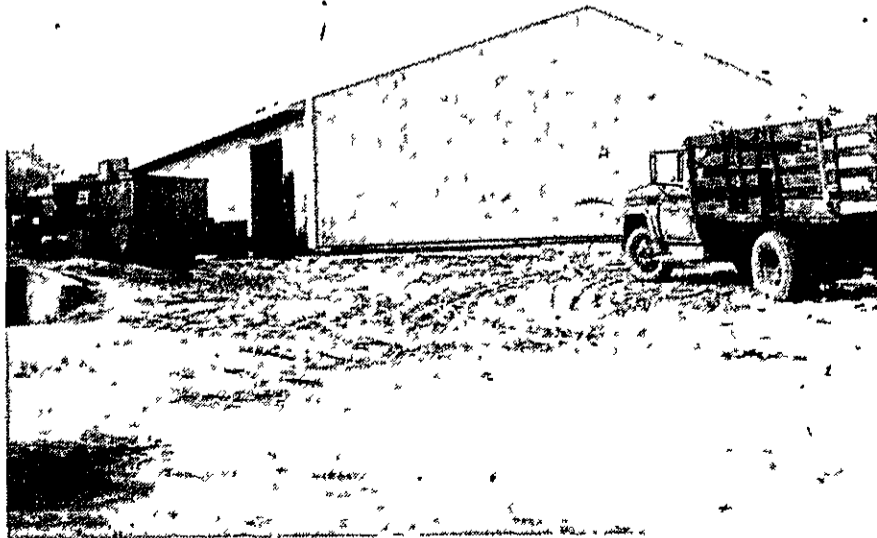
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PHONE

**224-3234**



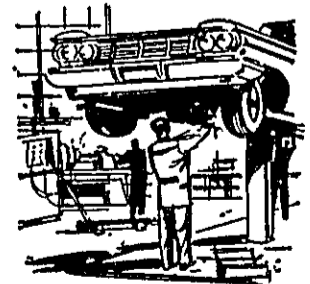
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# Welcome to new cooperators

The Clinton County Soil Conservation District Directors welcome the following new cooperators:

James D. Archer, 78 acres, in Victor Township.  
Gerald Koeppen, 619 acres in Riley Township.

Kam J. Washburn, 80 acres in Duplain Township.

Theodore L. Powell, 219 acres in DeWitt Township.

Zane C. Benedict, 13 acres in Riley Township.

Vernon A. Schneider, 100 acres in Westphalia Township.

Orlando B. Andersland, 40 acres in Lebanon Township.

Paul N. Shaheen, 120 acres in Bath Township.

Larry L. Watson, 10 acres in Victor Township.

Stanley Whitlock, 80 acres in Greenbush Township.

Charles L. Thornton, 154 acres in Bath Township.

Frank Rademacher, 34 acres in Dallas Township.

Roy Pline, 97 acres in Bingham Township.

Michael Bertram, 120 acres in Dallas Township.

Ron A. & Joseph P. Thelen, 352 acres in Dallas Township.

Laurence D. Sturgis, 390 acres in Bengal Township.

John P. Takis, 25 acres in Victor Township.

John R. Meoak, 187 acres in Bath Township.

Gail H. Grove, 120 acres in Bath Township.

Roy O. Davis, 55 acres in Greenbush Township.

Daniel Keilen, 80 acres in Westphalia Township.

Richard Easlick 74 acres in Duplain Township.

Louis Myszak, 83 acres in Watertown Township.

Joseph Simon, 185 acres in Dallas Township.

Edward L. Young, 39 acres in Ovid Township.

Glenn J. Smith, 80 acres in Dallas Township.

## Reduce fuel costs, beautify your home at the same time

Here's a real live suggestion for insulating your home, adding soundproofing, and luring birds and animals closer to your picture window.

Plant an evergreen windbreak. Its benefits are likely to be many, including lower fuel bills. You can't plant now, in the frozen earth, but with the onset of winter and insulation in every householder's mind, it's a good time to plan for a spring landscaping that will reap insulation benefits.

Wind chill affects houses as well as people. When it's zero

and the wind whistles through the door cracks, your fuel bill suffers wind chill too. A well planned windbreak of trees or shrubs can take much of the sting out of winter.

For advice on windbreak planting, contact your local Soil Conservation District office.

Windbreaks not only cuts fuel bills, but can be planned to provide privacy, wildlife food and cover, landscaping, soundproofing, snowdrift protection and many other benefits.

It is said jokingly that Cleopatra's bath water is around somewhere, which refers to the fact that water is indestructible and in just about the same amount throughout the world, even though it changes form as it "circulates" in the water cycle.

## SOIL CONSERVATION NEEDS YOUR HELP

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- J.D. Model 630 6-Row Cultivator
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- 1 - J.D. F145 - 5 x 16 Plow
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# Birth of an idea

Problems of soil and water conservation are not new. Many of our early civilizations used practices designed to control the movement of surface water. In the writings of some of the early Mongolian travelers and explorers, references occur to the benches or steps used on slopes as a means of growing crops. The Incas and Peruvian Indians used similar methods for farming. Evidences of these practices still exist. Irrigation was practiced in the area of Palestine sometimes referred to as, "the cradle of civilization."

The Bible makes many references to land and water use. One of the most significant occurs in the Book of Kings

where Hiram and Tyre and King Solomon formed a lumber and ship building partnership.

They sent 80,000 haulers and 70,000 cutters into the tall cedars above Lebanon. Lumbering became a new industry. Hiram and King Solomon made out right well money-wise, but their rape of the forests ruined the country in a few years. The one million population of Lebanon dwindled to a handful of villagers eeking out a bare existence. Rainfall fell unchecked from the hills above Lebanon which were formerly covered with cedar. Silt checked the treams and filled the irrigation ditches so that agriculture was halted. And the Lord reaked His vengeance on

the land where good stewardship was unknown. This area of the world has still not recovered from this devastation. It is a lesson for all humanity.

In America, the felling of the first tree by colonists in the New World, although never mentioned by historians, was an act of great significance. It marked the beginning of the era of the most rapid rate of wasteful land use in the history of the world.

The first English colonists settled in the Chesapeake country in 1607. They had no knowledge of how to live in the wilderness. Nor did they anticipate that the number of people would increase until every acre in the country had to be counted. Cultivation near the coast increased. More and more

land was plowed. More forest land was devastated. More grass was exhausted by the growing herds of cattle, horses, and hogs. Soon a few of the farmers in the older sections noticed a change in the soil. At first it had been dark, and in some places almost black. But now it was lighter in color. This change, slow at first to be recognized, meant deterioration of soil had set in. It was a system of slow sickness that would for a long time afflict our land. It meant that much organic matter attacked first by fire, then by the plow and finally by water and wind erosion was gone. Records indicate that in Massachusetts most land near the coast was abandoned at least once before 1800.

The greatest devastation caused by land misuse occurred in the southeast. In the late 1700's farm after farm in the South had become worn out and gullied. The ruined conditions of Washington's and Jefferson's estates were typical of many plantations in Virginia. Early efforts of reform had failed. The immediate goal was great profit regardless of consequences. Grain, tobacco and cotton were grown year after year on the same land. Even during this period, a number of learned

individuals were advocating practices to conserve soil and to reduce erosion, but their pleas and recommendations fell on deaf ears. The story told in the book, "Tobacco Road" is an accurate description of agricultural poverty and community degeneration of that era.

A similar story of land destruction could be told about the Great Plains. Here government land settlement programs, demand for quick profit, failure to recognize long-time climatic hazards, and lack of knowledge concerning devastation of erosion caused large portions of ten states to be laid waste as a desert. The resultant misery to thousands of families and communities is common knowledge. What "Tobacco Road" told about the South, the book "Grapes of Wrath" told about the Great Plains. In total nearly a billion acres of land were involved. This story is told because the economic conditions that these situations brought about over vast areas and the hazards it presented to welfare of the entire country, resulted in today's soil conservation programs. It was the birthplace of the soil conservation movement.

## Annual meet is February 7

The Annual Meeting will be held at noon at the Ovid-Elsie High School, February 7, 1976. The tickets will cost \$2.50 for a chicken dinner.

The speaker is County Agricultural Agent Bill Lasher with his slide talk on his experiences with the Peace Corps.

### CONSERVATION AWARD WINNERS

The Clinton County Soil Conservation District board will announce their selection of the Outstanding Conservation


Farmer for 1975, and award Conservation Signs to several outstanding cooperators.

### TO NAME DIRECTOR

One expiring directorship term will be filled at the Annual Meeting of the Clinton County Soil Conservation District February 7, 1976.

The three-year term of David Conklin, treasurer of the District, will expire. The District's nominating committee will have a slate of candidates for you to vote on. All landowners or operators and

their wives will be eligible to vote at the February 7 Annual Meeting. Stanley Baird, editor of newsletter.



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# Alfalfa: low-cost source of protein

Clear seeding of alfalfa can yield up to one-half ton of protein per acre in the first year.

This is one way that dairymen can get cheap, homegrown protein in a hurry. Clear seeded alfalfa also provides an alternative for farmers who have little use for oat straw, grain or silage that usually is the companion crop with alfalfa.

M.S.U. studies of clear seeded alfalfa over the past three years indicate that average yields during the seeding year will be 3½ tons of hay, containing 20 percent protein.

Using \$180 per ton of soybean oil meal as a base figure, the value of the protein works out to be about 20c per pound. This means the alfalfa protein produced in the first year is worth about \$200 -- figuring 3 tons of hay at 12 percent moisture containing 5,100 pounds of dry matter and 1,020 pounds of protein.

Add another \$100 for the value of the total digestible nutrients (TDN) contained in the crop and you get a total value of \$300 per acre. The clear seeding system calls for seeding alfalfa in April. The earlier the better. A herbicide is used to replace the companion crop that normally provides weed control while the alfalfa is getting established.

Harvesting should consist of three cuttings of clean hay with a total yield of three or more tons, depending on rainfall, sunshine and fertilizer used.

Detailed recommendations for a clear seeded alfalfa crop:

1. Correct pH to at least 6.8 by liming, preferably on a well-drained soil with good water holding capacity.
2. Control annual broadleaf weeds with three pounds EPTC (Eptam) acid equivalent per acre sprayed on the seedbed and worked into the soil immediately after application. Or

spray three-fourths pound of 2,4D-B ester when seedlings have two or three leaves, usually four to five weeks after seeding. If broadleaved weed problems develop after using EPTC, 2,4D-B can be used during the seedling stage.

3. Inoculate and band seed as early as possible in April, 8 to 12 pounds per acre of Saranac, Thor, Anchor, Iroquois, 530 or other fast-growing, wilt-resistant alfalfas. (In MSU tests these varieties outyielded Vernal by a half ton per acre in the seeding year and are 10 percent higher yielding for a 3- to 4-year stand.) The seedbed should be well prepared.

4. Fertilize according to soil test, and preferable band the fertilizer under the seed for a quick boost from the phosphorus. Using 300 pounds of 0-14-42 will supply the phosphorus and potassium for a three-ton hay crop.

5. Use press wheels on the drill, or a cultipacker behind the drill, to compact the soil around the seed and cover it shallowly for fast emergence.

6. Plan for three cuttings for more, better quality hay. Take the first when the alfalfa is flowering in early to middle July--about Aug 20 and early October.

Three cuttings in the seeding year in 1971 and 1972 MSU tests yielded about three-fourths ton more than two cuttings and the hay was of better quality--it had more protein and was leafier.

7. If the first cutting is flowering and is starting to turn yellow and stunted, leafhoppers are the likely cause. Cut immediately since yellowed alfalfa makes little growth. The young nymphs will be killed.

Check the second cutting too. If leafhoppers are causing yellowing in August, cut a bit

early. If the alfalfa shows leafhopper symptoms and is cut when starting to flower, it will not be damaged--and the leafhoppers will be controlled without any spraying.

8. Topdress according to soil test in the fall or next spring for high second year yields.

## The importance of lime

By William E. Lasher  
Extension Agricultural Agent

Lime is used to increase the pH of a soil which increases nutrient availability to the crop. The optimum pH for most field crops is between 6.5 and 7.0 for mineral soils and 5.5 to 6 for organic soils.

Lime takes time to raise the pH level in the plow layer. In six months the pH will increase by about 0.4 using the recommended amount and kind of lime. For example, two tons of lime applied now would change the pH from 6.1 to 6.5 six months from now. The lime continues to increase the soil pH at the same rate from that point onward. All lime recommendations are the amount needed to bring the plow layer pH up to a pH of 6.8. Applying more than 5 tons of

lime per acre in any season is not recommended. Mineral soils with a pH of 5.4 or less need more than one application of lime to correct the soil pH.

If possible, lime should be applied and worked into the plow layer six months to one year in advance of high lime requirement crops.

The main benefits of lime are:

1. Makes for most efficient fertilizer utilization.
2. Improves crop yields.
3. Reduces harmful concentrations of aluminum, manganese and iron.
4. Promotes favorable microbial activity.
5. Supplies calcium, dolomitic materials supply both calcium and magnesium.
6. Promotes longevity of legume stands, particularly alfalfa.

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of the heaviest unit going and plants fast without skipping. Mounted on a 600 Series No-Til frame, the Air Champ planter takes on reduced tillage acreage just as fast. Also available is the 70 Series conventional planter in models from 2 to 12 rows and in row widths down to 18 inches. Come in. Let us plant some ideas about planting worth looking into.

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## Proper Soil Stewardship Was Gradual Development on Farms



When white men learned from the Indians about corn, they also learned the Indian custom of planting corn seed with dead fish. The decaying fish, or sometimes just fish heads, would provide a measure of soil fertility for the corn plants which were to become a mainstay of New World agriculture.

The Indians taught the early settlers to bury the fish, then plant the corn seed in a small circle surrounding them. Presumably, the settlers also learned from the Indians how to keep their dogs from digging the fish out of the ground. For 40 days after planting time, Indian dogs had to get around on three legs. Each dog would have one forepaw tied to his neck so he couldn't

possibly dig in the cornfields.

Soil husbandry, though, was not a mainstay of Indian, or of early American agriculture. The early settlers were notoriously land hungry. And they wanted not just land, but cleared, open fields to be plowed and planted.

Taking their cue once again from the Indians, the settlers soon learned that it wasn't necessary to chop trees down to clear a field. It was only necessary to girdle them by chopping through the bark all the way around the trunks. Thus the trees died. Whole forests were destroyed in this abused manner, and well into the 19th century, travelers could ride from the Atlantic to Missouri through endless miles of arboreal cemeteries.

But it was the beginning of American agriculture. With the trees dead, no leaves formed on the branches. Sunlight could reach into the rich humus of the forest floor, which yielded a bounty of grain and vegetables and grass for livestock.

While this method of land clearing is a modern conservationist's nightmare, it would be hard to fault the early settlers for their lack of foresight. America was land rich and labor poor. The first farmers saw no need to laboriously clear the land by felling trees and hauling them away. When the fields of one area wore out, there were always fertile fields available, farther west, at a few dollars an acre.

Only the thrifty and industrious Pennsylvania Dutch,

who scorned girdling, cleared the land clean - even to stump pulling - the first season. They were also the only group of settlers who made good use of the animal manure which was and is an inevitable by-product of farming.

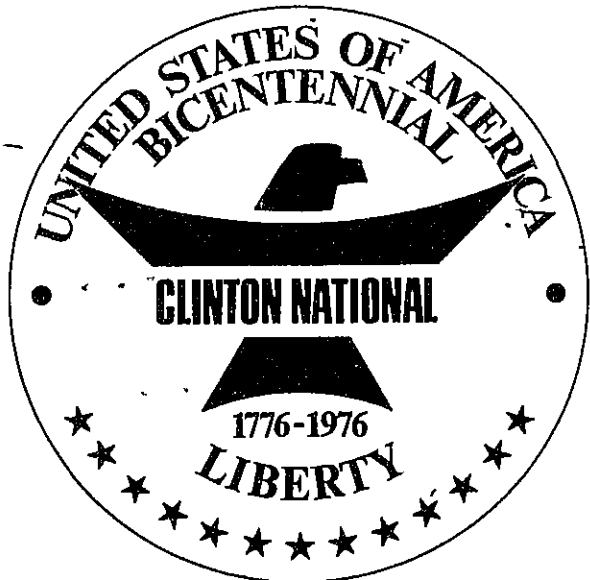
Visitors from Europe, where cow and horse dung were properly valued, were appalled at the waste of this valuable resource in America. A huge stockbarn on the estate of General Phylip Schuyler, by New York's Hudson River, was built so that the animal droppings fell through the floor to the ground below. From there, the spring rains washed the wastes directly into the Hudson river.

An English farmer visiting Ohio in the early 1800's wrote with astonishment in his journal, "I dare say the Inn we put up in does not tumble into the water less than 300 loads of horse dung every year."

Even with all this mismanagement and waste, though, some American farmers were beginning to adopt the practices that would help change the young nation into the world's most abundant food producer. Crop rotation was beginning to gain favor in the long settled regions, thanks partly to the introduction of clover by the Reverend Jared Eliot of Connecticut in the mid-1700's. A Frenchman gave alfalfa to the new world.

And Jefferson, a great believer in crop rotation, was among the first proponents of contour plowing, a practice that promised to do much to minimize soil erosion.

"CONGRATULATIONS TO THE CLINTON COUNTY SOIL CONSERVATION DISTRICT FOR A FINE EFFORT IN PRESERVING OUR SOIL"



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