

Ida County Soil Conservation District 1979 Annual Report

Soil Conservation District Activities

July 1, 1978 to June 30, 1979

July
Ida County receives \$52,000 state funds for conservation cost-sharing. Some repairs were made to structures in Pleasant Valley Watershed. Don Kauffman attended four different meetings and had the RCA survey completed.
18 - Silver Creek Watershed meeting and tour at Holstein.

August
District sponsored booth at the Ida County Fair. Art contest winners' work was displayed at booth.

September
The Marc Cox Permanent Agriculture Program tour stopped at Ida county.
Ray Lohff was selected as the winner of the Isaac Walton League Windbreak Award.

October
No special events.

November
14 - Regional SCD meeting at LeMars.

December
Marc Cox Permanent Agriculture Awards Banquet in Sioux City. Christmas dinner for commissioners, wives and SCS staff.

January
2 - Lester Vohs elected chairman.
10 - Contractors meeting in Cushing.
West Fork Battle and Garfield Watershed Meetings were held.

February
9 - Dave Krsnak, Soil Conservationist assigned to Ida Grove.
West Aldrich and Corwin Logan Watershed meetings were held.

March
Soil Stewardship materials were ordered for all churches in county.
6 - Regional SCD meeting held in LeMars.
9 - Contractors Dinner held.
Meetings were held in Soldier-Beaver, Silver Creek, Ashton Creek, Westside watersheds.

April
Moorehead Creek, West Fork Battle and Garfield Watersheds were approved for planning priorities by the Little Sioux Watershed Committee.

May
District sponsors the Outdoor Classroom for all Ida county sixth graders in Moorehead Park.
Sold approximately 1500 trees and 5000 shrubs for windbreak establishment.
Soil Stewardship Week - SCD sponsored a stewardship film shown at various Ida county churches.

June
Commissioners submit the names of Wilbur Rohlik, Leon Neubauer and Arnold Grell as entries in the Marc Cox Permanent Agriculture Program. Lyle Tietfort was named as the Wildlife Award Winner.

In addition to the above activities, a regular meeting was held each month, a number of special meetings were held to approve cost-share for terraces and a radio program is aired each month.

Forward

Here is the report of our activities within the Ida County Soil Conservation District for the past fiscal year. Considerable work was accomplished during fiscal year 1979. It is heartening to see how concerned landowners are in regard to caring for their land. We offer our sincere thanks for the assistance and cooperation provided by various people and organizations during the past year. The job certainly requires many hands, and we appreciate your help.

The Ida County Soil Conservation Commissioners and Assistants

Financial Report

July 1, 1978 to June 30, 1979

FINANCIAL REPORT

1M Budget (State appropriated)

Commissioners expenses, mileage etc.	\$ 507.68
Office supplies	353.99
Printing	385.30
Prizes for contests	150.00
Rental for meetings	108.00
Office expenses	93.39
Meeting expenses	216.51
Total expended	\$1,814.27

2M Budget (State Appropriated)

Clerk's salary	\$10,958.74
Engineering Aide's salary (7-1-78 to 5-7-79)	11,941.81
Clerk's mileage, expenses	88.30
Engineering Aide's mileage, expenses	15.00
Total expended	\$23,003.85

3M Budget (State Appropriated)

1978-79 Allocation	\$52,000.00
Funds obligated for conservation practices	\$51,987.50
Unobligated funds	\$ 12.50

Additional allocation of 76-77 funds	\$ 3,500.00
Funds spent for conservation practices	\$3,500.00
Unobligated funds	-0-

3M Budget (State Appropriated)

Total State Allocations (1973-1979)	\$305,430.85
Returned funds to date	\$6,558.43
Funds spent on Conservation Practices to date	\$298,872.42

July 1, 1978 to June 30, 1979

WATERSHED MAINTENANCE FUND (Held in Trust by the District for Maintenance of Watershed Structures)

Cash on hand, July 1, 1978	\$ 1,608.62
Receipts	2,965.91
Interest	1,846.33
Maintenance Payments	1,119.58
Expenditures	2,194.19
To Passbook savings	1,800.00
Cash on Hand, June 30, 1979	580.34
Time Certificates	30,140.71
Passbook savings, July 1, 1978	4,005.87
Interest	102.25
From Checking	1,800.00
Passbook savings, June 30, 1979	5,908.12

July 1, 1978 to June 30, 1979

GENERAL FUND

Cash on Hand, July 1, 1978	\$ 4,402.55
Receipts	17,692.28
Tree sales	\$16,162.76
3% Sales tax collected	484.59
1M Budget	
Reimbursements	1,044.93
Expenditures	\$20,592.18
3% Sales Tax	514.23
Tree Purchase and Expense	8,048.35
Office Equipment	42.10
Office Supplies	285.99
Office Expense	508.09
Donations and Contest Prizes	167.50
Commissioners expenses	138.47
State Dues	100.00
National Dues	100.00
Outdoor Classrooms	57.66
Subscriptions	22.95
Fair Booth Materials	40.00
Contractors Dinners	131.00
Soil Stewardship Materials	217.24
Annual Report	218.80
To General Passbook Savings	10,000.00
Cash on Hand, June 30, 1979	\$ 1,502.65
Passbook Savings	\$11,284.11
General Time Certificate	\$ 2,000.00

DISTRICT ACCOMPLISHMENTS Calendar Year 1978

New Cooperators	28
Conservation Plans - Acres	1382
Contouring - Acres	400
Strip Cropping - Acres	90
Grass Waterways - Acres	27.9
Drainage Tile - Miles	2
Erosion Control Structure - Each	19.1
Farmstead Windbreaks - Acres	32.6
Terraces - Miles	



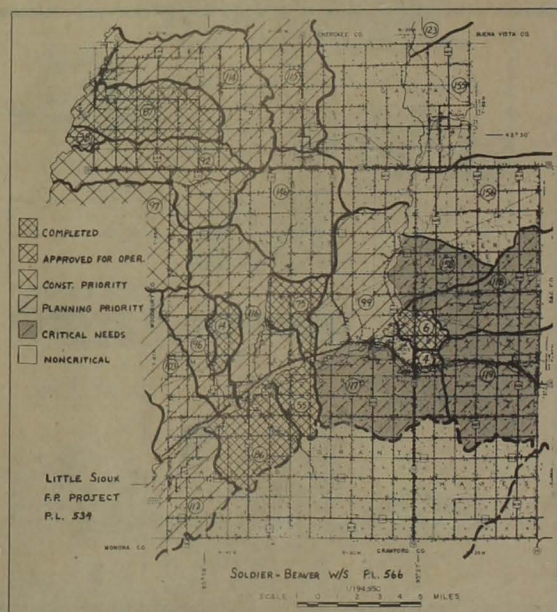
Ida County district soil commissioners are, from left: Harlan Dausel of Battle Creek, Lester Vohs of Galva, George Hartley of Battle Creek and Ramon Johnson of Ida Grove. Burdelle Knudsen of Ida Grove and Assistant Commissioner Henry Brueck of Ida Grove are not pictured.

District Commissioners

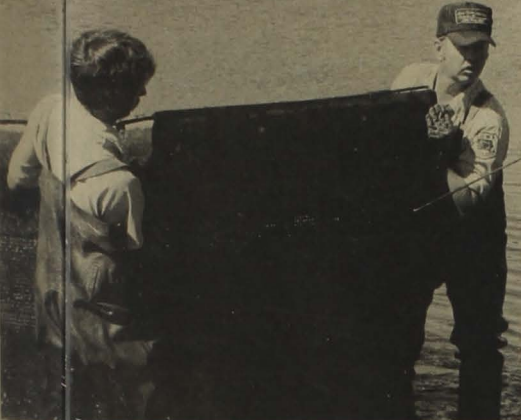
Lester Vohs	Galva	Chairman
Ramon Johnson	Holstein	Commissioner
Harlan Dausel	Battle Creek	Commissioner
Burdelle Knudsen	Ida Grove	Commissioner
George Hartley	Battle Creek	Commissioner
Henry J. Brueck	Ida Grove	Assistant Commissioner

SOIL CONSERVATION DISTRICT STAFF

USDA - Soil Conservation Service Personnel	
Donald G. Kauffman	District Conservationist
Dave Krsnak	Soil Conservationist
Clarence (Dutch) Kraft	Soil Conservation Technician
Randall Sohn	Soil Conservation Technician
Burdelle Vohs	Part-time Aide
Iowa Department of Soil Conservation (Iowa Merit System) Personnel	
Luella Collins	Clerk Typist
Soil Conservation Service Personnel	
Sioux City	
Wallis R. Tonsfeldt	Area Conservationist
Richard Hall	Civil Engineer



Stocking Moorehead



Lannie Miller (left) and Jerry Hudson (right), both with the Iowa Conservation Commission's Lake View office, stocked Moorehead lake with 1,200 catfish Wednesday. The fish were hatched in May and were ready to be sent into the water last week. In the photo at left, Miller and Hudson take the crate out of the water, and in the photo above, measure the fish before they are released into the body of water. Miller is a fisheries biologist while Hudson is a fisheries technician. (Courier photos)

Dining and Dancing

Saturday
Sept. 29

Gary Johnson



Ida Grove, Iowa
Ph. 364-9800

Auction Sale

Claimed Sale Dates

Sat., Sept. 29 - Fireman Consignment Auction, Anthon. Andy Seuntjens & Mike Schunk, auctioneers.

Sat., Sept. 29 - 6:00 p.m. - Quarter million dollar coin auction. Howard Johnson, Motor Lodge, Des Moines. Wayne and Chris Seuntjens, auctioneers.

Sat., Sept. 29 - 7:30 p.m. - Meth. Church Bazaar, Smithland. Wayne & Jack Seuntjens, auctioneers.

Sun., Sept. 30 - Carl Bode, Furniture & Household, Sargent Bluff, Iowa. Auctioneer - Mike Schunk.

Sun., Sept. 30 - 1:00 p.m. - Furniture & household items 3 1/2 mi. W. of Cushing on old hiway 20, then first corner S. of Co. Road L37 & 1/4 mi. E. Gert & Elsa Camarigg, Owners, McGuire Auction Co., Auctioneers.

Mon., Oct. 1, 1:30 p.m. - Cherokee, Ia. Late model restaurant equipment on the premises of the Archways Restaurant, Hwy. 59 South, Cherokee. McGuire Auction Co., Auctioneers.

Tues., Oct. 2, 10:30 a.m. - Unimp. 171.95 acres located 1 mi. N. of Larrabee on hiway 59 & 2 mi. E. on gravel, Cedar & Spring Twp., Cherokee Co., Ia. Alma Heick Estate. McGuire Auction Co., Auctioneers.

Tues., Oct. 2, 6:30 p.m. - 2 bedroom home 1 blk. S. of stoplights in Holstein & 1 1/2 blks. W. Lenora Marquardt Estate. McGuire Auction Co., Auctioneers.

Wed., Oct. 3, 10:30 a.m. - Imp. 40 A's located 2 mi. N. of stoplights in Holstein on Hiway 59, then 2 mi. W. on Co. Paving D15 & 1/4 mi. No. on gravel, Marjorie Albers Estate. McGuire Auction Co., Auctioneers.

Fri., Oct. 5, 1:30 p.m. - Land Auction, 160 acres in Battle Township. Owner Helen Kinney and Barbara Pleegeer, Andy Seuntjens, auctioneer and Daniel Williamson, attorney for owners.

Sat., Oct. 6, 1:00 p.m. - Ray Beeson, excellent line of furniture and household items, 105 Division St., Anthon, Iowa, 3 blocks south of the main square. McGuire Auction Co., Auctioneers.

Mon., Oct. 8 - Land Auction, The Cassie Taylor Estate, Woodbury County, Morgan Twp., 240 acre farm plus Ida County, Maple Twp., 160 acre farm. Wayne, Andy & Jack Seuntjens, auctioneers.

Mon., Oct. 8, 10 a.m. - Excellent full line of tractors, combines, machinery, tools and feed. Located 5 miles north of the junction of Hwy. 9 & 32 (Vick's Corner) on blocktop Co. Road 18 & 1 1/2 miles west. Iowa Lakes, PCA, Emmetsburg, Iowa. McGuire Auction Co., Auctioneers.

Tues., Oct. 9 10:30 a.m. - Cedar & Spring Twp., Cherokee County. Unimp. 171.95 A. Located 1 mile north of Larrabee, Ia. on hwy. 59 and 2 miles east on the gravel. Alma Heick Estate. McGuire Auction Co., Auctioneers.

Thurs., Oct. 11 - Farm machinery & equipment. Delbert Kaster, Owner. McGuire Auction Co., Auctioneers.

Sat., Oct. 13, 1:00 p.m. - Danbury, Ia. 3 bedroom modern home & furniture. Mrs. Wayne Keitges, owners. Wayne & Jack Seuntjens and Mike Schunk, auctioneers.

Sun., Oct. 14 - United Church of Christ, benefit bazaar, Oto, Ia. Wayne & Jack Seuntjens, auctioneers.

Sat., Oct. 20 - Reimers Bldrs., Danbury, Iowa. Final close-out of plumbing, heating and elec. supplies plus office equip., etc. Wayne, Jack and Andy Seuntjens, Auctioneers.

Sat., Nov. 3 - Esther Collins, house and furniture sale, Danbury. Mike Schunk, Auctioneer.

Sat., Nov. 24 - Farm Sale, Anthon, Iowa. Harold Buettner, owner. Andy, Wayne & Jack Seuntjens, auctioneer.

Sat., Dec. 15 - Farm sale, Don Peterson, Smithland. Wayne and Jack Seuntjens, auctioneers.

Sat., Dec. 15 - Barnett Machinery Sale, Ute. Mike Schunk, Auctioneer.

FBA consultants at work shop

Clyde Meyer and Byron Peters, Western Iowa Farm Business association (FBA) consultants, attended a fall workshop in Des Moines, Sept. 13-14.

Meyer and Peters, both of agricultural consultants for farmers in Ida, Monona, Wabasha and Crawford counties. Topics at the workshop included part-time farming, accounting, tax planning, farm outlook and farm business.

The two day on-based consultants' work with 300 farm families in western Iowa assisting them with on-farm record keeping and farm business.

SIMPCO menu

Here is the menu for the SIMPCO nutritional program for the elderly from Monday, Oct. 1 through Thursday, Oct. 4. Meals are served at noon daily in the Ida Grove Community hall. Anyone interested in attending should call Janis Johnson, 364-2088, a day in advance for reservations.

Monday, Oct. 1 - Juice, mild chili with crackers, cottage cheese with pears, relishes, snowy jewels, coffee, tea or milk.

Tuesday, Oct. 2 - Baked hash, buttered peas, rice muffin, molded applesauce, sugar cookie, coffee, tea or milk.

Wednesday, Oct. 3 - Chicken celery loaf, parried potatoes, cauliflower with cheese sauce, Waldorf salad, fry bread, whipped strawberry gelatin, coffee, tea or milk.

Thursday, Oct. 4 - Juice, spaghetti with meat sauce, lettuce salad with French dressing, garlic bread, spice bar, coffee, tea or milk.

County 4-H'ers win at Clay

Two separate Ida county 4-H presentations received blue ribbon ratings at the District Educational Presentation contest at the Clay county fair on Sept. 18.

Deanne Rees, Ida Grove, won a blue ribbon on her "Herb burgers" presentation. Brenda Clausen and Joni Clausen, both of Holstein, received blue ribbons for their "Covered hangars" presentation.

Sixteen other counties in the area took part in the contest. Ida county's participants were selected during the 4-H presentation program at the Ida county fair last month.

Deanne is the daughter of Mr. and Mrs. Bob Rees. Brenda Clausen is the daughter of Mr. and Mrs. Joe Clausen and Joni Clausen is the daughter of Mr. and Mrs. Jim Clausen.

Number of rabies cases keeps growing in Iowa

Wild skunks, pet cats and barnyard cows all have something in common. They can give people rabies.

This year the number of animal rabies cases in Iowa continues to surge upward over 1978 figures with 106 people requiring antirabies treatment in the first seven months of this year, compared to only 107 persons receiving antirabies vaccine during the entire 1978 months of 1978.

The events causing rabies exposure are varied.

A woman steps into her backyard and is bitten by a skunk; two farmers struggle to put a halter on a cow which later dies of rabies. The men's hands have small cuts and scratches on them, and the cow's saliva gets in the open wounds; two young boys are playing in a wooded area where they find a small animal which bites both boys. It later cannot be found for observation.

All of these individuals have to undergo antirabies shots.

"Skunks are the principal reservoir of animal rabies in the upper midwest," said Dr. Russell Currier, DVM, chief of the Disease Prevention division of the Iowa State department of Health. "From skunks the virus transmits to susceptible domestic animals, especially cattle and cats since they are, for the most part, unimmunized."

Between January and July of this year, 27 cows and 10 cats were identified as positive rabies cases. Other positive rabies cases were in dogs, horses, bats, goats, a raccoon and a fox. Rodents rarely have rabies and seldom constitute any hazard to persons who have received bites.

It is important to teach children to leave wild animals alone and especially to avoid any contact with friendly or ill-appearing animals," Currier emphasized.

Wild animals should never be kept as pets, and people should make sure their pets have current rabies vaccinations. Farmers and veterinarians are urged to take special precautions to avoid contact with cows or horses that may be infected.

"Rabies is a significant cause of livestock mortality in Iowa. Extremely valuable or registered animals should be vaccinated at least once in their lifetime, especially if maintained on pasture land," said Currier.

"If a person is bitten or exposed, prompt thorough washing of the wound is as important as rabies vaccine injections," he continued.

The victim, however, should be immediately examined by a doctor so that, if needed, the antirabies series can be started as soon as possible.

The animal should be located. If it is a pet dog or cat, it should be confined for observation for 10 days. If a wild animal, it should be humanely killed and the head removed for laboratory examination. The head should not be maimed when destroying the animal because the brain is examined to detect the presence of rabies.

Iowa has not had a human rabies case since 1951.



Save Fuel This Winter!

WAX-O-GLASS

CRYSTAL CLEAR, FLEXIBLE PLASTIC

LET THE SUN DO THE HEATING

WOLFE'S PATENT

KEEPS YOU WARM

Cut Wax-O-Glass To Size

Tack Over Screens or Window Openings!

Only 54¢ per sq. ft.

WAX-O-GLASS is a new, clear, flexible plastic that is easy to install and keeps you warm. It is made of a special material that is designed to let the sun's rays in and keep the heat in. It is perfect for use on windows, doors, and porches. It is available in a variety of sizes and colors. Call today for more information.

HOMES - HOMES - HOMES

Acreage

One Sold
Three different cabins on beautiful Black Hawk Lake in Lake View. Call for information.

SOLD

303 Moorehead Ave.
Completely remodeled 5 bedroom home. All new kitchen & bath. New carpet throughout. New siding & roof. Well insulated. A beautiful home.

508 Barnes
Handyman's dream. Large older home with lots of room. Priced in the teens.

509 Barnes
Large 3 1/2 bedroom, formal dining rm., living rm. with fireplace, open oak stairs. Close to schools. Priced in 30,000's.

500 Moorehead
2 story home. 3 bedrooms, 2 baths, dining room, large living room, nice corner lot, good location.

103 Acres
Total acreage you've been looking for. Just over 1 mile east of a grove on paving, good water, propane heat, nice 4 bedroom home.

301 501 for home site in Lake View \$5000.00

HRIFIC RESIDENTIAL BLD SITE

A 1/2 acre 2 bedroom home south of I-40 with city water & gas in the area.

2 Acre Acreage

Do well wooded acreage with 1/2 mile of Ida Grove. Nice location.

4 1/2 Acre 23 acre plus building

1/2 mile west of Ida Grove.

SOLD

307 Taylor
Two story, 4 bedroom older home. Living room, dining room, family room & two full baths. Close to downtown. Priced in the 30,000's.

410 Moorehead
One of Ida Grove's finer older homes with 5 bedrooms, lovely living room, dining room, kitchen and kitchen. Two full baths. Good location on nice corner lot.

401 Quimby
Lovely older home in excellent condition, close to downtown. 4 bedroom, nice kitchen, dining room, large.

508 Moorehead
Two story, 3 bedroom home. Recently remodeled & predecorated. Carpeting throughout. Good location.

8% loans available to qualified buyers

In Arthur
Nice 2 story 3 bedroom home with living, dining rm., new kitchen, screened in porch plus 32 sq. ft. lot with excellent floor heated & wired. Both house & building all included plus - large corner lot priced right. Priced in the 30,000's.

SOLD

It's a buyers market--
Now's the time to buy a home & save money. Some of these homes will be sold at reduced prices.

Cordell Schmidt, Salesman
Bob Brock Real Estate- 364-2869 - 364-3419 - 657-2793



Blood call

The Omaha chapter of the American Red Cross was in Battle Creek Tuesday, and local residents turned out to donate blood. In this photo, Gail Hartstack of Omaha takes blood from donor Julie Walls, Battle Creek. The blood drive was in the Presbyterian Church basement. (Courier photo)

Hear Ida Grove News

On KDSN Radio

Denison, Iowa
Monday-Friday 10:30 a.m.

Coaches Corner

With Ida Grove Coaches
Mondays at 5:30 p.m.

KDSN

Denison, Iowa
1530 on your AM dial 107.1 on your FM dial

Pope visits at harvest

Pope John Paul II's visit to Iowa will coincide with the start of the 1979 harvest season in Iowa, and could limit farmer participation in this historic event, said Bert H. Lounsberry, Iowa secretary of agriculture.

Lounsberry said that many farmers who would like to attend the event, will have second thoughts if it's good harvest weather, particularly in view of the tremendous size of this year's crop and the prediction of an early, hard winter.

Weather permitting, farmers will be working double shifts and seven-day weeks in order to harvest an estimated 1.8 billion bushels of corn and soybeans that are out in the fields, the largest harvest ever.

"With memories of the two worst winters in the 20th century behind us and the chance for another severe winter this year, the arrival of autumn is a reminder that farmers are in a race against time to harvest crops and prepare farmsteads for the winter storms," he said.

Bedell raises President

for reviewing rail dispute

Congressman Berkeley Bedell has urged President Carter's decision to establish an emergency board to review the Rock Island dispute and called it "an important step toward a resolution of this most pressing problem of northwest Iowans."

Congressman Bedell said he believes Carter acted "with foresight and prudence" in establishing the board, and expressed hope for its success.

in permanently returning the line to service.

"I have felt all along the emergency board was the proper and fitting alternative open to the President, and I pointed this out to him in a letter I sent two weeks ago," said Bedell.

The emergency board will investigate and report the findings of the labor dispute. The establishment also carries with it a 60 day back to work order for the rail line.

RED POWER SHOWDOWN

Compare... You spend a lot of your life on your tractor. Can you AFFORD less than the Best?

There's a whole lot in store for you at our Red Power Field Demo Day. Prizes, refreshments... and a chance to field test the most reliable tractors around - the IH Series 88. But that's not all.

RED POWER SWEEPSTAKES



Grand Prize
International
2+2



4 Third Prizes
484 Utility Tractor



Second Prize 886 Tractor

Win an all new International 2 + 2 or any of 5 other great IH tractors!

Sign up at our Red Power Demo Day!
Stop in for complete details.

IH Heavy duty torque
IH Torque rise best on the market
IH Maintenance free batteries
IH 540-1000 RPM PTO ready for use at all times
IH Electronic data center with engine exhaust gas temp.

IH 100% 2-Year Warranty
except on tires and radio

We're aiming to make IH
your tractor brand at our

Field Demo Day

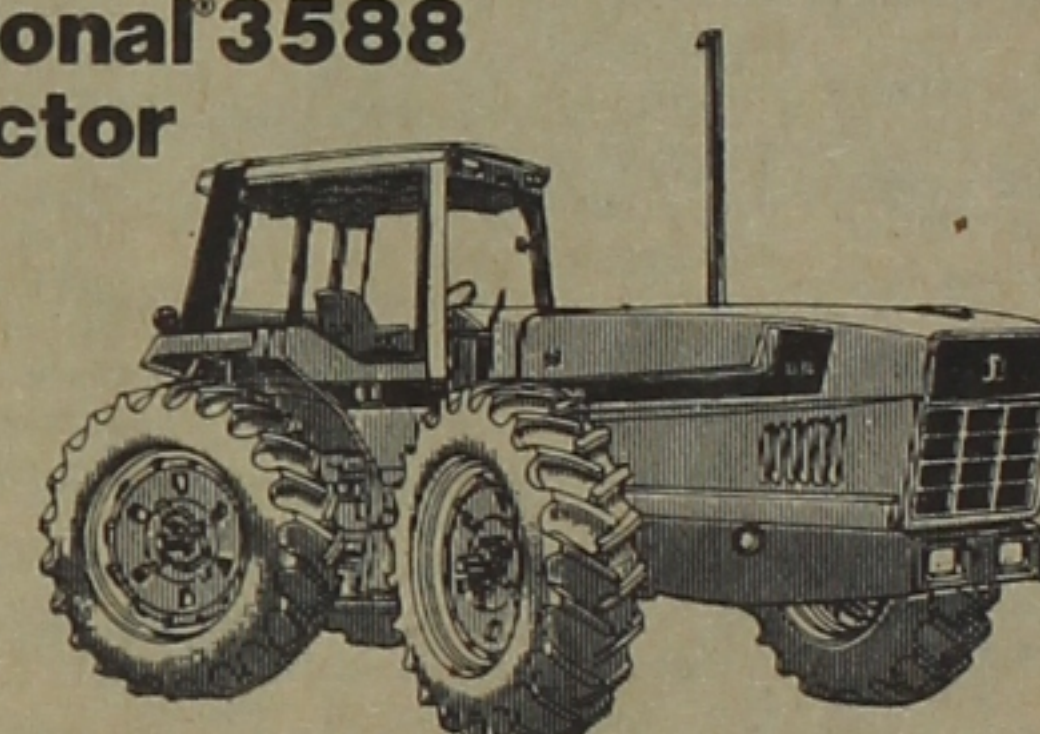
Friday, September 28

Starting at 2:00 p.m.

Lyle Wittrock farm one mile
south and one mile west
of Holstein
Follow the
Red Power Demo signs.

It's all happening at our
Red Power Field Demo Day.
See You There!

International 3588 2+2 Tractor



Most Productive 150 hp row-crop tractor
money can buy

International 2 + 2 tractor design combines the versatility of a row-crop tractor with the productivity of a 4-wheel drive tractor. It's a design that gives you a completely new and different kind of tractor from International Harvester. And, it's a design that enables the new 3588 to breathe new life into your existing equipment.

Regular equipment includes a 540/1000 RPM PTO, swinging drawbar, 3-point hitch, adjustable axles. Articulated steering provides excellent maneuverability. Oscillating front axle assures excellent traction and pulling ability.

Stop in soon and get the full time-saving story.

Manufacturer's Estimate

Field Testing

IH 3588 2 plus 2 Tractor
IH 3388 2 plus 2 Tractor
IH 1486D Tractor
IH Variable-width Plow
IH 490 Disk

On Display

IH Axial-Flow Combine

Plus IH Diesel Engine Superiority, Durability & Dependability.
Power never came with so much comfort.
Come Drive Them and Make Your Own Decision!!

Bower-Nixon Imp., Inc.

Ida Grove

HOUSE FOR SALE



Added appeal.

This beautiful A-frame home located on a double lot in Holstein has personally plus. The more than 2700 square feet of living area contains 4 bedrooms, 2 1/2 baths, large living room and family room, both with fireplace, a recreation room and a kitchen & dining room. There is a lot of storage space and extras you won't find in any other home. And...if you're interested in some income property, the first floor could easily be made into a separate apartment. Reasonably priced.

Don Rusch, salesman

h. 364-3131 or 364-2217

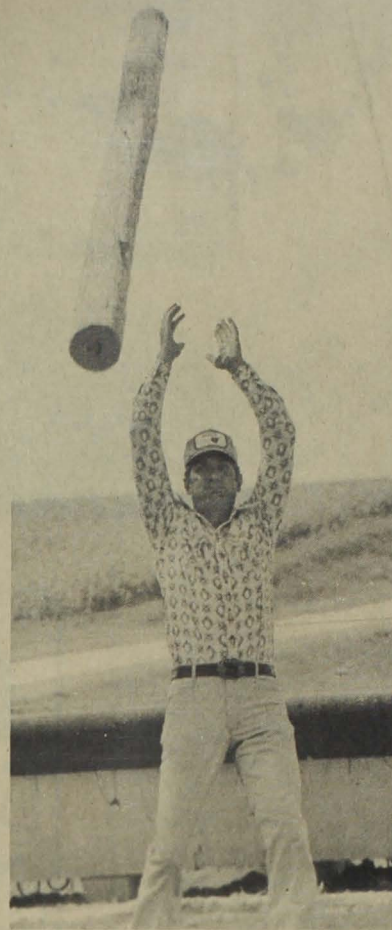
Michaelsen Realty

Angus cattle, Scottish games



There was a variety of activity at the annual Knop Angus Farm cattlemen's conference Sunday. One of the new events for the conference was the Scottish game the caber throw. Gene Knop of Ida Grove, (photo at right,) tried his hand at the game. However, midwestern farmers who tried the game at the conference found the caber—a tapered pole which is flung end over end—difficult to master. An integral part of the conference was a panel

discussion (above) featuring a variety of experts in the cattle business. Paul Andre, left, editor of BEEF magazine was the moderator for the discussion. Other members of the panel, from left, were Gene Knop, Bob DeBoca, Huxley, Iowa; Gene Futrell, Iowa State extension economist; and Otto Uhrig of Hemingford, Neb. Also on the panel, but not shown, were Ron Ehrlich of Millikin, Colo. and Dick Monfort of Grand Island, Neb. (Courier photos)



Using waste products as resource is key to economic land disposal

Improving our land while using environmentally sound methods to handle society's wastes is the challenge of the 1980's, according to a Iowa State University extension agricultural engineer. He says the key to most land disposal projects is to utilize disposal materials as a resource rather than as a waste.

"Our society generates wastes which need to be disposed of safely and economically," said Lewart Melvin. "We have three ways to get rid of our wastes: dumping them, burning them or applying them to the land."

Dumping into surface or groundwater creates water pollution problems and is generally against the law.

Burning may create air pollution problems through release of particle matter and toxic gases.

"Using land to receive waste has become the most economical and environmentally safe alternative for disposal of most solid and liquid waste materials," he said. "But precautions are needed for such systems."

Three types of wastes are disposed of using land: solid wastes—trash and garbage, treated municipal wastes, wastewater and sludge, and animal wastes.

Iowans produce three to five pounds of trash daily per person. Currently most of this

garbage is disposed of in sanitary landfills. Large cities use huge pieces of land for disposing of garbage. Size of the area required varies according to the depth and density of compacted waste material, waste recovery and resource recycling prior to dumping and the size of the community.

Melvin says successful landfill operations use compaction, daily covering, avoidance of groundwater tables and a final covering of productive soil which is planted with a cover crop.

Municipal sewage treatment results in treated liquid effluents and sludge, and land application of municipal sludge is becoming more common.

The department of Environmental Quality has restrictions on land application of sludges in Iowa. In general, most communities can apply sludge to cropland (not used for human food production) at a rate of two dry tons per acre per year.

There is also some interest in using land for treatment and disposal of waste-water effluents. Land application may be an alternative to more advanced waste treatment for removal of nutrients and toxic materials. Problems with land disposal include land availability, system scheduling and control and cold weather

operation. Crop response will vary with climatic condition and soil types.

Animal waste has long been used as an organic fertilizer and soil conditioner on agricultural lands. During the past decade, development of large-scale confined animal feeding systems led to more interest in high-rate disposal practices to minimize land and labor requirements for disposal. But as commercial fertilizer prices increase, the use of animal manure as a resource is again gaining popularity with most midwest livestock producers.

Iowa generates more recoverable animal manure than any other state, according to Melvin. Wise use of this resource can benefit landowners by reducing commercial fertilizer needs, while adding organic matter and minor nutrients needed for top crop production.

"The key to most land disposal projects is to use disposal materials as a resource rather than as a waste—to improve the land resource while maintaining and enhancing a environmentally sound method to handle various wastes generated by our society," the engineer says.



Truckload Sale is now in progress.

FREE merchandise certificates

with selected appliance purchases.

Sept.

27-28-29

Montgomery Wards



Ida Grove Ph. 364-3527



Battle Township & Ida County 160 Acre Farm & Equipment

EQUIPMENT Farm Auction

On the farm located 4½ miles South and ½ mile East of Cushing, Iowa

1:30 p.m. Friday, October 5, 1979 For Machinery

2:30 p.m. Friday, October 5, 1979 Land Sale

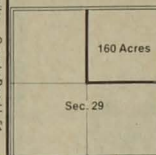
LEGAL DESCRIPTION: That part of the Northeast Quarter (NE ¼), section twenty nine (29), Township eighty eight (88) North Range Forty One (41), Ida County, Iowa.

GENERAL DESCRIPTION: Good producing improved Ida County hill farm NCA of 141 acres and ASC yield of 96 bu. The 1979 crop appears to have an excellent yield potential. Good well and new water works.

TERMS: CONTRACT

10% down on day of sale, 10% on March 1, 1980 (possession date). Balance payable at \$1500.00 per year on the contract price on March 1 of each year. All unpaid balances due and payable March 1, 1995. Interest computed at 8% on the unpaid balance payable each March 1.

Cushing 3 miles County Road L-51 Battle Creek



Machinery and Equipment

770 Oliver gas tractor
88 Oliver gas tractor
4 row cultivator for 770 Oliver
John Deere "A" (1950)
John Deere 18 ft. straight disc
4 section lever drag
1949 Chevy, red title
3 brooder houses (8x16, 12x14, 12x14)
Assortment of wood & steel posts
Barb wire, woven wire
Some telephone poles

490 JD corn planter w/insecticide
300 gallon gas barrel
26 in. wagon on rubber tired gear
Steel flare box on Hesston rubber gear
Steel flare box on old rubber tired gear
10 hole steel hen nests
10 gallon Big Husky chicken waterer
Some tools
Many other items
Seigler oil burner stove
Some furniture
Lots of old iron

Helen Kinney

Andy Seuntjens, Auctioneer
Danbury, Iowa
Ph. 712-883-2080

owner

Daniel Williamson
Attorney for owner

Maurice Welte, Clerk
Danbury, Iowa
Ph. 712-883-2575

October Pork Month

Ida County Pork Producers are sponsoring a contest during October for Ida County restaurants featuring the best pork menus.

Ida County Porkettes & Pork Producers will be judging throughout the month. The winner to receive a plaque from the Ida County Pork Producers.



Bazaar time

Helen Durbin, rural Battle Creek, has made several purses and carriers, and will be donating them to the Hartley Willow Dale bazaar in Battle Creek. The bazaar this year

is set for Saturday, Oct. 27 from 9 a.m.-4 p.m. at Willow Dale nursing home, with Bingo from 7:30-10 p.m. Marian Smith is in charge of the event, and anyone with donations should contact her. (Courier photo)

Photographs from the air help farms, conservation

Iowa land is being photographed from the sky at least once every 18 days. And there is nothing secret about it. This high level photography has been going on since 1973 as a result of the cooperation of several state and federal agencies. The mission: Provide photos to help set priorities for Iowa land use.

Each frame of the satellite photos records the land cover—buildings, forests and crops over 12,700 square miles. That's an area 112 miles wide and 112 miles long.

These photos, combined with county soil survey reports are programmed into a mini-computer and make it possible to accurately assess land use. Iowa State university extension agronomist Gerald Miller explained that comparing data from different years gives an accurate assessment of land use change over time.

Analysis of the North Branch watershed, which is located between Des Moines and Winterset, for example, reveals an increase in row crop acreage during 1973-78. The data shows potential soil loss from erosion increased as a result, Miller said.

Acres of prime agricultural land converted to non-agricultural uses are easily determined using this system, the ISU agronomist said. In addition, the effects of selected soil tillage practices on erosion can be measured.

It's a quick, easy, way to monitor land use changes. You can spread several years of multi-county area photos on a table top to compare them, he said. The floor space of a good-sized room might have been

needed to look at the same area using airplane photos. "But the real question is whether anyone would have gone to the trouble to do it."

The Iowa program is coordinated by the Remote Sensing Laboratory of the Iowa Geological Survey in Iowa City. Other organizations par-

ticipating in the program include the college of agriculture, Iowa State university, Iowa Conservation commission and the state departments of agriculture, soil conservation and transportation. The state office of the US Soil Conservation service also works with these groups.



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for the Reminder
& 300 p.m. Tuesday
for the Courier

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We would like to invite our friends and to help us celebrate our 25th Anniversary on the evening of Oct. 6, 1979 at our home. please

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Holstein, Iowa

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Ida Grove
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Local farmers turn to summer terraces

About 760 miles of Ida county farmland is terraced. That if you know that, but it isn't figures from the district soil conservation office, that's less

than a sixth of the area in the county that should be terraced. "If we terraced a hundred miles a year, it would still take 40 years to do it all," district soil conservationist Don

Kauffman says. Terracing is one of the most effective ways of stopping erosion on land with steep slopes. The theory behind terraces is that, by dividing one

large slope into two small ones, less soil will be washed away. But in the past, farmers have run into several obstacles when they come to build terraces. First of all, it's expensive. Terraces range in cost from \$200 to \$500 per acre.

The federal soil conservation program tries to make terraces more attractive by offering a cost share program that pays for 75 percent, or up to \$1.26 per foot, for their construction. Another reason that some people don't like terraces is that, in the past, the front slopes were sometimes made so small that large efficient machinery couldn't be run on them.

Today soil conservationists build the front slopes of terraces 28 feet wide so that 8 rows of 36 inches can be planted on them. Finally, it's hard to find the time to have terraces built. Because the land is planted with crops during most of the summer, farmers have preferred to terrace in the spring and in the fall. The demand for terracing has been so great in those two seasons that contractors couldn't keep up with the demand. As a result, plantings were delayed and work was left undone.

The solution to this has been summer terracing. Summer terracing is possible on any land a farmer has set aside for the planting season, or on land planted with oats or some other crop that is harvested mid-season. This has been a good year for summer terracing, according to Kauffman. Twenty-five local farmers built terraces on their land this summer.

The terraces Kauffman recommends to local farmers are called push-up terraces. They are designed for soil conservation in areas like this where there are relatively steep slopes.

The soil is pushed up from below so that it forms a wide level area, called a borrow, for farming. The back slope is not farmed but planted with brome grass. It is sloped on a two-to-one

angle—for every foot it is high, it goes out two feet.

Soil eroding down the slope is caught first by the front slope, then by the grassed back slope, then by the level borrow.

After a while, terraces themselves will start to erode. In order to prevent terrace erosion, they have to be properly seeded, according to Kauffman.

He recommends that the following steps be taken in seeding:

— apply 50 pounds of 16-48-0 fertilizer for every 1,000 feet of terrace.

— apply 6 pounds of smooth bromegrass for every 1,000 feet of terrace.

— apply the seed and fertilizer as soon as possible after terrace are completed; an additional top seeding may be needed in late fall or early spring.

— no seedbed is needed. The most satisfactory method of seed and fertilizer applications seems to be the hand method. Harrowing the back slope can make it too smooth and more subject to erosion.

To maintain the terraces, the following should be done:

— terraces should be checked in the spring and fall for any breaks. Repairs should be made immediately. A spade or shovel should be used to fill all small holes before they become big holes.

— take necessary steps to prevent gophers and other rodents from working in the grassed back slopes. A gopher machine to poison gophers helps.

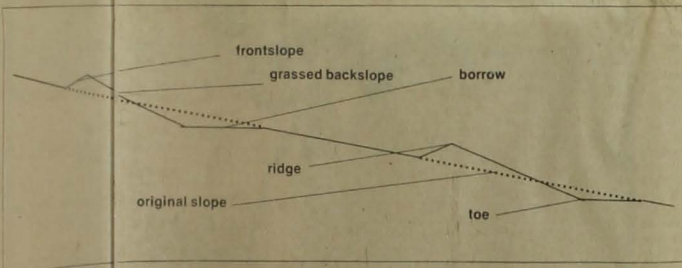
— mow or spray back slopes to control weeds, trees and shrubs.



Terrace building

District soil conservationist Don Kauffman (left) and Lawrence Reitz of Witt Construction, Battle Creek discuss the progress of terrace building on the farm of Ray Bumann, Jr. last week.

Bumann is one of 25 farmers in the district who is building terraces on his land this summer. About 760 miles of farm in the Ida county district are now terraced. (Courier photo)



Dividing the slope

Building a terrace involves dividing one large slope into two

smaller ones to reduce soil erosion. In this diagram, the dotted lines represent the parts of

the original slope that have been reshaped. The new double terrace is represented by the solid line.

Soil conservation marks 40th year

This year marks 40 years of organized soil conservation efforts in Iowa. In 1939, The Legislature passed the Soil Conservation Districts Law which laid the groundwork for the 100 soil conservation districts currently operating in the state.

Iowa's first soil conservation district was organized at Knoxville on April 22, 1940, to serve Marion county. Six other counties (Taylor, Van Buren, Adair, Monona and Clayton) formed districts that year.

The 1939 law set up the state soil conservation committee to oversee the organization of the districts and provided a state agency to execute soil conservation programs. The Iowa secretary of agriculture served as the executive secretary to the state committee.

The Iowa general assembly made the first allocation of funds to the state soil conservation committee for use in the districts in 1949 by providing \$250,000 a year for three years. That year the first staff person was hired to serve as the executive secretary to the committee. That was the beginning of what is now the Iowa department of Soil Conservation.

Lawrence Vance of Ur-

bandale is the current director for the department and heads a staff of 20 in the Des Moines office and more than 150 in field offices throughout the state.

The state soil conservation committee is the policy making board for Iowa soil conservation programs. The functions of the state soil conservation agency were broadened in 1971 to include responsibility for administering the newly-formed conservancy districts, established along the six major drainage basins of the state. A division to handle questions concerning mines and minerals was added in 1973.

The Iowa department of Soil Conservation now administers a \$7 million budget geared to assist soil conservation districts. The US department of Agriculture Soil Conservation Service contributes another \$14 million in technical support services and assistance to small watershed planning programs, soil surveys, river basin planning and similar programs.

The state soil conservation committee consists of a representative from each of the state's six conservancy districts, a representative for cities and towns and a mining industry representative.

Petition filed after accident

Walter C. Burk, Battle Creek, is asking for a judgment of \$62,000 against Ida county resident Andrew F. Petersen in a petition filed in Ida county district court.

The suit says on May 27, 1979, Burk and Petersen were in an accident at the intersection of Ida county roads D54 and M15

about eight miles south of Ida Grove. The suit further says negligence on the part of Petersen was the direct cause of the accident, damage to Burk's car in the amount of \$2,000 and personal injuries in the amount of \$60,000.

The suit is also asking for costs of the action and interest, as provided by law.

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Top farmers in the area applaud use of conservation tillage

It would be hard to find a farmer who isn't interested in fuel and equipment during the planting season, and in cultivation, erosion, and in harvesting crops. It's possible to do all this at the same time and save time and money. The top farmers in the area are using conservation tillage. Conservation tillage is any system of soil and/or residue on the surface of the field after planting is completed. There are a number of different practices that fall under the heading of conservation tillage, but the simplest system requires no preparation of the seedbed. The farmer goes into the field with a piece of equipment that knocks down any standing stocks, scratches a place in the soil for the seed, plants and covers it.

Many of the area's most successful farmers are using this low or no preparation system, and they can't say enough good things about it.

George Grouell, who lives north of Ida Grove, summed up his feelings by saying, "There isn't any other way to farm."

The savings in time, fuel and equipment, and the reduction of wind and water erosion are the drawing cards for the conservation tillage practices, according to Grouell, Roland Jensen, George Hoffman, Jr., Loren Schuett, Ransom Leonard and Leonard Degen, who have a combined total of more than 50 years experience with conservation tillage.

Because the number of trips through the field is reduced, the time it takes to get a crop in the spring is also reduced. Most farmers who use conservation tillage practices plant, fertilize and cultivate once. Eliminating the field preparation work cuts by at least one-half the time in the field.

In fact, one of the company's that makes conservation tillage equipment used to give away a fishing seat with every planter sold to emphasize the time it can save in the spring.

The reduced number of trips through the field also cuts down

on the amount of fuel it takes to get spring field work done. Again, the farmers figure fuel consumption is cut at least in half for spring work using conservation tillage methods. One of the farmers reported he planted and then sprayed herbicide on a 70 acre field. The job used only 60 gallons of fuel.

Degen commented, "The fuel it takes to till plant wouldn't even have warmed up the tractor when I was plowing."

Part of the reason the farmers are able to save fuel is because they don't need large equipment to pull the planter. They agree that a 75 horse tractor should handle the planting, or perhaps a 100 horsepower model if eight row equipment is used. Whatever sized tractor a farmer has, wear on it is reduced with conservation tillage simply because the number of trips through the field is reduced.

"You can take most any tractor and put that planter or cultivator on it," Degen said. "And that tractor will run forever because you don't really work it."

The savings in fuel, time and equipment are attractive, but it's a sure bet no farmer would be interested if crop yields were seriously decreased. As far as the local farmers are concerned, their yields are just as good as those of their more conventional neighbors, and some years they're even better.

Northwest Iowa is generally a little short of the amount of rain it takes to grow bumper crops. Conventional farming methods turn over at least half the soil in a field every spring, and that dries out a field even more. Conservation tillage practices make only a hole in the soil large enough for the seed, so less soil moisture is allowed to evaporate.

In addition, residue left on the surface helps hold in moisture.

The result is that in a dry year, farmers using conservation tillage practices retain more soil moisture for their crops.

The residue left on the surface of a field serves several purposes in addition to holding down evaporation. For one thing it cuts down on erosion. Kauffman said if 2,000 pounds of residue are left on an acre of ground it will cut in half the amount of erosion that would occur if the field were clean tilled. A field that yields 100 bushels of corn per acre will normally leave 6,000 pounds of residue, so soil erosion in a normal field can be cut by more than 50 percent if the residue is

left on the surface. Stalks left to rot also make the soil surface more mellow, and improve the tilth (workability) of the soil.

Schuett said, "The soil tilth just gets better and better."

Degen agreed, and said he has an 80 acre tract that's been in continuous corn for several years. "I get better corn every year and the soil gets better every year. It's a pleasure to farm that 80," he said.

Reducing the number of trips across the field, and leaving the residue to decompose, minimizes the compaction of the soil, which is good in itself and also helps the soil absorb moisture.

There are some drawbacks to conservation tillage. The farmers who use the practices are likely to apply herbicides and insecticides at a little heavier rate, which is a practice some conventional farmers object to. Conservation tillage may also require more careful management because chemical applications need extra attention to be used effectively. However, conservation tillage farmers say the results are worth the extra trouble.

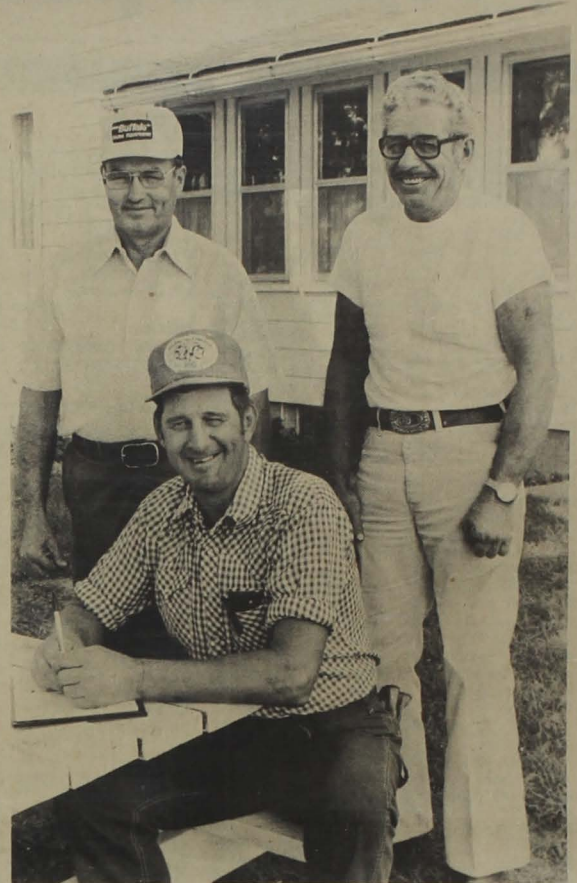
Degen, Schuett and Leonard, who all live northwest of Holstein, have combined conservation tillage and terracing in their efforts to conserve soil and water.

Schuett, who recently completed an additional 4,000 feet of terracing on one of his farms, said, "Minimum tillage isn't enough. You need terracing also because even with minimum tillage you can still lose soil with hard rains."

Unless a field is hit by an unusually hard rain, there should be no water runoff in a field that's terraced. Saving the moisture possible can make the difference in yields, especially in a dry year.

Conservation tillage, with or without terracing, can be an efficient and effective way to farm. But, Kauffman cautioned, it's not a practice that can compensate for poor management.

"Some people feel it's the lazy way to farm, or that it can compensate for poor management, but timing and weed control management are even more important with conservation tillage. There are some shoddy farmers who tried it and it didn't work because of poor management. Management is still important," Kauffman said.



Tilling

George Hoffman, Jr., (seated), and Roland Jensen and George Grouell use conservation tillage

methods on their farms northwest of Ida Grove. The three agree there's no other way to farm. (Courier photo)



Terracing

Ransom Leonard, Leonard Degen and Loren Schuett have combined conservation tillage with terracing on their farms northwest of Holstein to help hold every drop of rain that falls on their

farms. They report that in a dry year, the advantages of terracing and conservation tillage give them better crop yields than their conventional neighbors. (Courier photo)



Baumann appointed county assessor

W.D. "Corky" Baumann was unanimously appointed Ida county assessor at a meeting of the county conference board Thursday.

visors, the mayors of each of the county's towns and representatives from the county's school boards.

Baumann has been the assessor since Walt Gailey resigned the job more than a year ago. The assessor is appointed to a six year term. The conference board is made up of the county super-

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more of the courier's front page

more about

... supervisors

(continued from page one)

changes. The zoning administrator then notifies the zoning commission of the request and schedules a public hearing.

The county must publish a notice of the hearing in the county's official newspapers—the Courier and the Ida County Pioneer-Record. The zoning administrator must also notify anyone owning property within 1,000 feet of the site of the zoning change.

The zoning commission may accept or deny the request. After this, the application goes to the board of supervisors who can accept or deny it.

If the application is accepted by both the zoning commission and the supervisors, the zoning map is amended. If both groups reject it, the applicant may take his case to court.

If the supervisors and the zoning commission disagree on the amendment request, the application goes before a board of adjustment. This board has yet to be appointed by the supervisors.

If the amendment request is rejected by the board of adjustment, the applicant may take the request to court.

The supervisors have set the public hearing on this first amendment request for Monday, Oct. 22 at 8 p.m. in the courtroom of the county courthouse.

In other action last week:

— representatives of the Schaller Telephone company met with the supervisors to ask that they be notified when the road crew was doing road repair work near their lines.

Jeff Emerson, attorney for Schaller Telephone, said that often the road crew would do work in the area and would not notify the company. Underground lines would sometimes be broken during the work.

By being notified when the county did road work near their lines, the company could repair the lines more quickly, Emerson said.

The supervisors said they would notify the county engineer of the company's request.

The supervisors discussed the secondary road budget with county engineer Marvin McGahey. McGahey said that, although he asked permission of the supervisors to get more gravel at a meeting a week ago, said that he did not think the county could afford more gravel after reviewing the budget.

McGahey said that, although he was not happy that the many roads in the county would have to do without gravel this year, he did not want to run the secondary road budget into debt.



REC directors

The Ida county REC elected its board of directors at the group's annual meeting Tuesday night. The directors are, back row, from

left: Harold Thomson, Merle Lansink, Roland Jensen and Kenneth Streck; front row: Earl Beyer, Ray Ellerbusch and Robert Bumann. (Courier photo)

School open house planned by historians

Ida county's historical society will have an open house at the Grant center schoolhouse in Moorehead Park from 2 to 5 p.m. Sunday, Sept. 30.

A fine arts program will be presented throughout the afternoon.

Vocal groups from the Ida Grove and Holstein schools will perform. The junior choir from Battle Creek's Presbyterian church will sing. The youngsters will wear their centennial costumes. Sandra Renegar and Dixie Brueck will

direct the groups.

Ida Grove's boy scouts will conduct a flag raising ceremony at 3 p.m.

A penmanship display from the Galva school will be on display, and Pat Kee, Ida Grove art instructor, will have a display of student art.

Dance students from Francee Kee's dance school will perform an old-fashioned fiddler. John Uhl, Danbury, will play.

Invitations have been sent to former teachers to attend the open house, and replies have been received from several of the teachers.

Refreshments will be served throughout the afternoon.

Two women die on county road

Two women died Saturday, Sept. 22 of injuries received in a two-car accident a mile northeast of Holstein on county road D15.

Dead are Vera Shnoor and Hilda Brumm, both of Davenport. The deaths were the first fatalities in Ida county during 1979.

Irene Brus, Muscatine, was turning into the lane at the Alvin Schroeder farm and was struck broadside by a car driven by Scott M. Suling, Galva.

Brus and Dale B. Allen of Galva, a passenger in the Suling car, received minor injuries and were treated at Horn Memorial hospital, Ida Grove.

There was \$7,000 damage to the Brus car and \$1,500 damage to Suling's car.

Weather

Day	High	Low	Precip.
Sept. 18	81	46	
Sept. 19	77	39	
Sept. 20	73	55	
Sept. 21	69	39	
Sept. 22	73	36	
Sept. 23	79	50	.46
Sept. 24	78	57	

Overnight low 46
Weather information courtesy of Mrs. Dorothy Dahms.

Country club approves new watering system

Stockholders at the Ida Grove Golf and Country club have voted to purchase a fairway watering system. The action came at a special meeting of the stockholders Sunday.

The measure, estimated to cost about \$40,000, was approved on a 36 to 27 vote.

Don Mucha of Midwest Toro, Inc. of Omaha presented plans for the new watering system at the meeting.

The new system calls for about 5,800

feet of two-inch PVC pipe, 93 heads, a master control, nine satellite controls and about 80,000 feet of wire.

Mucha estimated the cost of the material at \$20,500. He said it will cost another \$20,000 to \$23,000 for installation.

At this time the club plans to use city water for the fairway watering, but will check the feasibility of a deep well in the future. Construction on the project could start as early as next spring, Mucha said.

more about ... Bingo

(continued from page one)

Two other Bingo winners will win mopeds in the finale drawing.

If you have any questions about the Bingo game, a complete list of rules and participating merchants appears on the full page advertisement in this week's Courier. Also, you may call the Courier-Reminder office if you have questions about the game.

Crops out of danger as harvest time nears

As Midwest farmers prepare to harvest a record crop this fall, farmers in Ida county are getting ready for a good crop, but not a record.

Warm temperatures and dry winds in the last week to 10 days have helped take the corn crop in the county out of the danger stage. At one time there was some fear the crop would be damaged by an early frost.

However, the weather has dried the corn down to about 28 to 32 percent moisture, safe from a frost. An exception is the corn which was planted late or the late maturing corn which is probably behind the majority of the other corn.

George Witters, director of the county ASCS office, said Ida county should

expect a good corn crop this year. He estimated the crop would average about 100 bushels to the acre. "We probably won't have the bumper crop we had last year, but you have to remember last year was an exceeding good crop," Witters added.

Some farmers have begun harvesting their soybeans, and Witters said the soybean harvest should be in full swing in the county within a week to 10 days.

Corn which is being harvested for silage has already begun to be chopped in several areas of the county.

Providing the weather continues to cooperate, it's possible the corn harvest will begin within the next couple weeks, Witters said.

IDA GROVE'S Sparkling
KING theatre
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