

The Annual Report of the West Pottawattamie Soil Conservation District

Area students earn honors in soil conservation contests

By Ernest Victoria

Soil Conservationist

The District sponsors two contests each year to recognize students for their skill in expressing their knowledge about the conservation of natural resources. For grades kindergarten through 5th, there is a poster contest. This year's topic was "The Loess Hills." The formation of the hills, their present day use, and their possible conditions in the future were discussed with the students. Certificates of award were given by the District to the top 5 posters in each grade at each participating school. Older students are eligible to participate in an essay contest. This year's topic was "Soil and Water—Key to Our Future." Certificates of award were given by the District to the top 5 essays from each participating school. The overall winner from the District will advance to regional competition. First place winners there receive \$40 and second place winners receive \$30.

Regional winners advance to state competition. First place winners there receive \$100 and second place winners receive \$75. This contest is co-sponsored by the Ladies Auxiliary of the Iowa association of Soil Conservation District Commissioners and by the Grinnell Mutual Reinsurance Company.

Field Day for Students

The District feels that an important part of its function is to give young people an understanding and appreciation of our natural resources. The students of today will be the leaders of tomorrow. It is necessary that they be able to make decisions that will provide for the wise use and protection of our soil and water. The District strives to provide experiences for students to learn about their environment. One of the annual activities that the District sponsors for this purpose is a field day for sixth grade students. St. Joseph, Underwood, and Tri-Center Schools partici-

pated in the 1985 program held at Arrowhead Park near Neola. About 105 students attended the all-day event on May 8. A commemorative tree purchased by the students was planted at the start of the day. Then, students participated in various learning activities throughout the park. Topics covered included native plants, wildlife, forestry, soils, and fisheries. A wagon tour of conservation practices on nearby farms was also given. Instructors for the classes included personnel from the schools, the Soil Conservation Service, the County Conservation Board, and the Iowa Department of Natural Resources.

Youth Conservation Leadership Program

A conservation program for high school students was held last summer at the Iowa 4-H Camping Center near Madrid, Iowa. The state-wide program, called Youth Leadership Conservation Program, provides students an

opportunity to learn about Iowa's natural resources, land use decisions, and conservation careers. The program is co-sponsored by County Conservation Boards, Soil Conservation Districts, and the Cooperative Extension Service. One of fifty students who attended last year was Paul Kelly, II. He is the son of Paul and Alma Kelly of Council Bluffs. Kelly is a student at Thomas Jefferson High School and is in the eleventh grade. Kelly plans to attend college and seek a career in conservation. The program provided 4 days of hands-on learning. Some of the topics covered were nature awareness, forestry field exercise, soil conservation field exercise, and wildlife habitat judging. On the last day of the program, each student was allowed to lead a short activity relating to conservation. Also, all students took a test on what they had learned. The cost of attending the Leadership Program is \$55. The West Pottawattamie Soil Conservation District, as one of the sponsors, agreed to reimburse Kelly for the fee. Any high school student who is interested in this year's program should contact the District at 328-2489.

In recent months, the Soil Conservation District has been active in implementing provisions of the 1985 Farm Bill. It is the most conservation-oriented farm legislation in the history of the United States. Also known as the Food Security Act (FSA) of 1985, it makes federal programs and conservation programs most consistent. The provisions of FSA are known as Conservation Reserve, Conservation Compliance, Sodbuster, and Swampbuster. These provisions will reduce surplus production of commodities by encouraging the reduction of soil erosion and the retention of wetlands. Violation of these provisions can make a producer ineligible for various U.S. Department of Agriculture (USDA) program benefits. These include price supports, crop insurance, storage payments, storage loans, and other commodity-related payments. A person that converts wetland to agricultural purposes could be subject to the swampbuster provision. Wetlands have soil that is covered or saturated with water most of the year and supports water-loving plants. The effective date of swampbuster is December 23, 1985. To regain eligibility in any year, you must not produce crops on the converted area. A person

that plants annually tilled crops on highly erodible grassland or woodland can be subject to Sodbuster. Land that was not planted anytime during 1981 to 1985 is affected. The effective date of sodbuster is December 23, 1985. To regain eligibility you must produce the next crop under a conservation plan approved by the Soil Conservation District. A person producing crops on highly erodible land could be subject to conservation compliance. Land that was planted at least once from 1981 to 1985 is affected. For these fields, January 1, 1990 is the deadline for developing a conservation plan approved by the Soil Conservation District. January 1, 1995 is the deadline for having all practices listed in the plan applied to the land. The Conservation Program (CRP) allows producers to retire highly erodible cropland. The land is eligible for cost-share funds to establish a permanent cover of grass or trees. Under a 10 year contract, the producer receives annual rental payments. CRP can be used to meet the requirements of conservation compliance. All producers are encouraged to learn how the 1985 Farm Bill will affect them and begin planning for conservation on their land.



Tri-Center poster contest winners included (front row, from the left) first graders Craig Handbury, Eric McKenry, Tammy Potter, Susie Ring and class winner Adam Bruck; (second row) third graders Angela Bird, Heather Dalton, class winner Richard Bruck, Jason Burton and (not pictured) Jessica McDermott; second graders Sara Thomsen, Amy Morse, class winner Dana Bennett, David Killpack

and Joshua Zacharias; (back row) fourth graders Rebecca Ballew (class and school winner), Barbara Gambs, fifth graders Marty Dalton, Andy Martens, Michelle Loftus, class winner Betsy Gunderson, and Mindy Plummer, and fourth graders Matt Handbury and (not pictured) Brenda Guill and Mark Bieler.—Gazette photo

New Conservation Program



Underwood poster winners included (front row, from the left) third graders Dean Carille, Ben Koch, Danny Werts and Mark Whannell; fourth graders (second row) class winner Paul Whitson, Kristin Hjelle, third grade and school winner Lindsey Grote, fourth

graders Sarah Klautt, Janet Ross; fifth graders (back) Seth Grote, Justin Stokes, fourth grader Sean Stanley, fifth grade class winner Connie Casson, Nikki Bach and Lori Wood.



Soil Conservation Poster Contest winners at St. Joseph School included (front row, from the left) first graders Jerrod McDonald, Chris Hester, class winner Robert Turner, Cheryl Brich and Matt Christensen; second graders (second row) Jamie Stephens, class winner Scott Fuchser, Ryan Smith, David Reineke and Tony Fischer; third graders (third row) Jessica Stephens, class winner Katherine Fischer, Kevin Stonerook (not pictured), Celie Brich and Steve Turner; fourth graders (fourth row) Millie Stonerook, Danny Busch, Tim Ward, Scott Konz and class and school winners Amber Davis; and fifth graders (fifth row) class winner Thomas Hromadka, Laura Brich, Bobbi Christensen, Carolyn Wulff (not pictured) and Ann Russmann. Sixth grade essay contest winners were Scott Smith, Jenny Christensen, Becky Michels and Michele Konz.



Underwood poster contest winners included (front row, from the left) kindergartners Luke Larsen, Brenda Niemann, Zach Kerber, class winner Jennifer Hedegaard (not pictured) and Lindsey Lustgraaf (not pictured); first graders (second row) class winner Sandi Waldmann, Jake Driver, Robert Holcomb, Jim Stanley and David Stanley; and second graders (back) Jessica Andersen, class winner Shane McDaniels, Christina Chollett, Jessica Bixler and Travis Caldwell.



Tri-Center essay contest winners included (front row, from the left) Annette Ring, school and district essay winner Chris Downing, Jason Minahan, (standing) Nick Dyke and Marvin Benning.—Gazette photo

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Bulldozer and scraper, conservation work of all kinds.

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Ring Construction

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- ★ for concrete work
- ★ for all your construction needs

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NEOLA LUMBER

Neola, Iowa

Wellman Construction [712] 485-2416 Neola Lumber [712] 485-2378

BUDGET REPORT: 1986 Fiscal Year

July 1, 1985 to June 30, 1986

STATE COST-SHARE -- 3M BUDGET

04-85 Allocation		\$112,567.45	\$120,946.25
Obligated or Paid		\$112,567.45	
Released to DSC		\$8,378.80	
Unobligated Balance		\$120,946.25	
04-85 Supplemental Funds			\$102,651.25
Obligated or Paid		\$79,143.54	
Released to DSC		\$23,022.46	
Unobligated Balance		\$102,166.00	

05-86 Allocation		\$65,302.35	\$82,123.50
Obligated or Paid		\$65,302.35	
Released to DSC		\$18,578.60	
Unobligated Balance		\$81,680.95	

06-87 Allocation		\$61,464.17	\$88,413.50
Obligated or Paid		\$61,464.17	
Released to DSC			
Unobligated Balance			\$26,949.33

COUNTY COST-SHARE

05-86 Allocation		\$10,866.54	\$12,500.00
Obligated or Paid		\$10,866.54	
Released to County		\$1,633.46	
Unobligated Balance		\$12,500.00	

06-87 Allocation		\$3,004.75	\$12,500.00
Obligated or Paid		\$3,004.75	
Released to County			
Unobligated Balance			\$9,495.25

NO-TILL INCENTIVE PROGRAM

05-86 Funds		\$3,010.00	\$5,556.10
Obligated or Paid		\$3,010.00	
Released to 05-86 Ledger		\$2,546.10	
Unobligated Balance			\$3,010.00

WATERSHED CONTRACTS -- NEW & OLD

-- Simon Run Watershed, Sites 9-3C, 9-3M
Contractor: Ring Construction
Warrants issued in 1986 from District -- \$8,745.58
Total Warrants for Contract -- \$170,648.54

-- North Pigeon Watershed; Mosquito of Harrison, Sites M-3, 5-1
Contractor: Anderson Construction
Warrants issued in 1986 from District -- \$28,210.49
Total Warrants for Contract -- \$489,759.83

-- Simon Run Watershed, Site 9-1
Contractor: Eriksen Construction
Warrants issued in 1986 from District -- \$53,285.14
Contract Not Completed

BUDGET REPORT: Calendar Year, 1986

DISTRICT REVOLVING FUND (checking account)

BALANCE, January 1, 1986	\$	332.00
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Receipts		
Watershed & RCSD Contracts	\$87,723.52	
SCS Contract Tax Reimbursement	3,045.83	
Office Supplies Reimbursement	980.53	
Contributions	1,290.97	
Transfers from Savings	1,674.00	
Miscellaneous	390.62	

TOTAL RECEIPTS \$95,105.44

Expenditures		
Watershed Contracts	\$75,861.24	
SCS Contract Tax Reimbursements	3,045.73	
RCSD Contracts	11,844.03	
Environmental Education & Awards	215.70	
Meetings and Banquets	1,750.00	
Office Supplies & Printing Expenses	352.34	
Association Dues	564.00	
Postage	690.50	
Transfers to Savings	517.05	
Miscellaneous	204.33	

TOTAL EXPENDITURES \$95,264.82

BALANCE, December 31, 1986	\$	173.32
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DISTRICT 3M FUND (Commissioners and Office Supplies Expenses Reimbursement)

Fiscal Year 1986 (July 1, 1985 to June 30, 1986)

BALANCE, July 1, 1985	\$	2,100.00
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Commissioner & Assistant Commissioner Reimb.	\$	905.75
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Office Supplies & Printing Reimbursement	\$	1,062.83
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3.85% Reduction	\$	61.00
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Released to DSC	\$	50.42
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BALANCE, June 30, 1986	\$	- 0 -
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DISTRICT SAVINGS ACCOUNT

BALANCE, January 1, 1986	\$	1,325.88
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Receipts	\$	517.05
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Expenditures	\$	1,674.00
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Interest Earned	\$	30.87
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BALANCE, December 31, 1986	\$	199.80
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GRANT FUNDS FROM IOWA WEST RACING ASSOCIATION

BALANCE (checking account) 1986	\$	1,000.00
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(\$800 was used to establish a savings account)

Public Information	\$	137.77
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Environmental Education	\$	176.34
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No-Till	\$	28.98
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Contractor's Meeting	\$	- 0 -
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Annual Banquet	\$	97.21
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BALANCE, December 31, 1986	\$	440.30
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BALANCE (savings account) 1986

Deposits	\$	24.00
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Interest	\$	13.62
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Transfers to Checking	\$	209.00
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BALANCE, December 31, 1986	\$	637.62
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New Commissioners

Two new Commissioners were elected to the West Pott. Board. Mark Schnepel farms near Carson and has been an Assistant Commissioner. He raises hogs and practices no-till and conservation tillage along with terraces on his farms.

Dan McGinn is an attorney with McGinn and McGinn law firm in Council Bluffs. Dan is very interested in the soils of western Iowa and conservation of natural resources. The background of both individuals will be an asset to the West Pott. Board.

New Assistant Commissioners

Two new Assistant Commissioners have joined the West Pott. Board. Mike Kenealy is a farm manager at Council Bluffs Savings Bank. He is from the Neola area and is actively involved in conservation work on many of the farms he manages. Paul Wohlt is retired from the Army Corps of Engineers. He lives on an acreage north of Council Bluffs and is involved in nut tree production as well as many other plants and native grasses he grows on the acreage.



The staff of the Council Bluffs field office includes (front row, from the left) Peggy Hay, Engineering Technician; Sherri Sandvik, District Secretary; (standing) Tim Bottoms, County Resource Planner;

Ernest Victoria, Soil Conservationist; Cal Dunblazier, Conservation Technician; and Bill Hammitt, District Conservationist.



Mark Schnepel



Dan McGinn



Two new assistant commissioners joined the team this year, Paul Wohlt (left) and Mike Kenealy.

PEOPLES True Value

29th & West Broadway,
Council Bluffs

OPEN:
WEEKNIGHTS 'til 8
SATURDAY 'til 6
SUNDAYS 10-5

Schauer



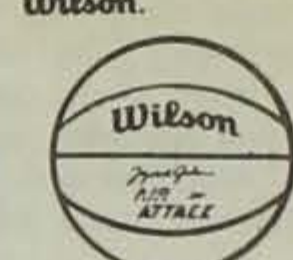
24.99
12-Volt Automatic Battery Charger also charges motorcycles, more.

MAGNOLIA



4.99
White Enameled Wood Toilet Seat has a top-mounting hinge.

Wilson



12.99
Michael Jordan "Air Attack" Basketball of durable rubber.



59.95 HUFFY
All-Star Siam Jam Backboard & Goal is NBA endorsed.

TEBCO



19.99 Your choice
5 1/2-Ft. Graphite Rod & Power Drag Spin-Cast Reel Combo.

WHISTLER



79.99
Portable Radar Detector alerts driver with audible and visual alarms, has a handy on/off/quiet switch.

True Value



29.99
Red Coaster Wagon of tough heavy-gauge steel has semi-pneumatic tires for round-the-block fun!



114.88
3-HP, 19-In. Rotary Mower features rust-resistant control, strong one-piece steel deck.



18.88
Fuel & Tool Mate is a 1 1/2-gallon container with a detachable compartment.



2.99 starline
Ventilated Seat Cushion has multi-colored weave, pre-stressed inserts.



269.95
3-Hp Chain-Drive Tiller with folding handle, heavy-duty chain drive.



2.98 Gallon
Latex Redwood Stain enhances texture of exterior wood, siding or shingles.



4.99 Gallon
Flat Latex Wall Paint has a soft finish for interior walls, ceilings. Colors and white.

HEAVY DUTY AUTOMATIC DRYER



289.99
4 cycles including permanent press/knits. 3 drying selections. Durable porcelain enamel finish drum. Removable up-front lint filter.

SPACEMAKER DOOR REFRIGERATOR



549.95
17.7 cu. ft. capacity; 5.01 cu. ft. freezer. Helps keep food fresh up to 15 days with sealed high-humidity pan. Sealed snack pack. Spacemaker door holds 6-packs. Equipped for optional icemaker.

LARGE CAPACITY HEAVY DUTY WASHER



339.95
Two cycles—regular and permanent press. Three wash/rinse temperature combinations with energy-saving cold water selections. Soak cycle.

GRASS & LEGUME SEED

CASH ONLY! Prices subject to change.

Sweet clover 60 lb.	Fescue 1.025 lb.
Mammoth red clover 1.025 lb.	Perennial rye 1.40 lb.
Medium red clover 1.40 lb.	Blue grass 1.42 lb.
Vernal alfalfa 1.42 lb.	Multi-Grass (grass blend) 1.83 lb.
Agrius alfalfa 1.83 lb.	WE HAVE A BIG SUPPLY OF MULTI-GRASS. IT'S ALSO GOOD FOR PASTURES, WATERWAYS, TERRACES. ALSO HAVE MANY OTHER GRASSES AND LEGUMES.
1/2 Sweet clover, 1/2 Mammoth 81 lb.	Diverted acre seed oats, cleaned and bagged 3.25 bu.
1/2 Sweet, 1/2 Mammoth, 1/2 Vernal 1.05 lb.	Certified seed oats 4.50 bu.
Brome 3.25 bu.	
Orchard grass 4.50 bu.	
Timothy 11.00 March Cash	
Soybean Seed: Cert. Elgin, Century, Hack, Pella, Zane; Otilie 7300, 7450, 7460 11.00 March Cash	
Stine 2510, 2620, 2675, 2530, 3700, 3500, 2050 12.00 March Cash	
Riverside 303C, 3033 12.00 March Cash	
Sands 226, 353 12.00 March Cash	

CHEMICALS (Mar. Cash)

Atrazine 4L 1.35	Lexone DF 1.35
Atrazine 9-0 1.35	Proview 1.35
Shell Atrazine 80W 1.35	Proview 1.35
Amiben D.S. 1.35	Romrod 20G 1.35
Amiben 10G 1.35	Roundup 4F 1.35
Banvel 1.35	Roundup 1.35
Basagran 1.35	Salute 1.35
Acrop 1.35	Sencor DF 1.35
Bladex 4L 1.35	Septor 1.35
Bladex 80W 1.35	Sonolon 1.35
Bladex 90F 1.35	Sutan 1.35
Biosol 1.35	Trellon MTF 1.35
Branco 1.35	Turbo 1.35
Buctril 1.35	
Close 1.35	
Conquest DF 1.35	
Command 1.35	
Dual 1.35	
Eradicane Extra 1.35	
Eradicane 1.35	
Lexio 1.35	
Lexio MT 1.35	
Lexio II 1.35	
Lexio-Atrazine 1.35	

INSECTICIDES

Counter 1.35
Dylonite 1.35
Furadan 1.35
Lorsban 1.35
Thimet 20G 1.35
2-4-D 1.35
LoVol 1.35
Amine 1.35

(Dual has \$2/gal. rebate; Lasso M.T. has \$1/gal. rebate)
Some are available in 30, 55 and mini bulk.

Storage Tanks: 550 gal. \$180; 1050 gal. \$260;
1300 gal. \$325; 1650 gal. \$375; Three year warranty. Pumps, hoses available.

Our 19th Year SAVE THIS AD!

Ron McCord, Owner

McCord Seed Store, Inc.

Store 712-643-5185 Home 712-643-5864
Hwy. 30, Dunlap, Iowa

Two more watershed structures built

By Sherry Sandvik
District Clerk

Two More Watershed Structures Built

In the summer of 1986, Preben Jensen Construction Company won the bid for Site 23, Twin Pines Watershed. The first of a possible 6 dam sites was completed. This structure is a box-inlet culvert that replaced a steel truss bridge on a county road. Part of the near \$200,000 structure cost was shared by Pottawattamie County.

Another site within Simon Run Watershed was funded by SCS. Site 9-1 was started in the fall by Erixon Construction Company of Missouri Valley. This is a grade stabilization structure located approximately five miles northeast of Crescent. Almost \$60,000 will go into this dam. The seeding should be completed sometime in early spring.



Simon Run Watershed Site 9-1.

FY86 CONSERVATION ACCOMPLISHMENTS

NEW COOPERATORS	(57) - 13,061 Acres
LANDOWNERS ASSISTED	541
LANDOWNERS COMPLETING A PRACTICE	229
CONSERVATION PLANS WRITTEN AND DELIVERED	14,443 Acres
ALL TYPES OF CONSERVATION TILLAGE	121,634 Acres
TERRACES	88 Miles - 465,501 Feet
WATER AND SEDIMENT CONTROL BASINS	6
WILDLIFE HABITAT MANAGEMENT	960 Acres
CROPLAND BENEFITTED BY PRACTICES	15,820 Acres
PASTURELAND BENEFITTED BY PRACTICES	516 Acres
GRADE STABILIZATION STRUCTURES	1
GRASSED WATERWAYS	4 Acres
NO-TILL	20,944 Acres
IOWA SOIL 2000 AREA	35 Landowners - 5,300 Acres

BY Sherry Sandvik
District Clerk



Peggy Hay dressed for the occasion when presenting information to students on the conservation contest.

Conservation winners honored

Conservation Winners

An awards banquet was held March 9, 1987, at the UMBA Hall in Underwood. Over 150 people attended to honor those who had won awards. Each year we recognize good soil stewards and they receive plaques and certificates for their efforts. The winners of this year's conservation awards were as follows: Bill and Ester Geise—"Isaac Walton League Wind-break Award"; Jack and Pat Barrier—"New Cooperator Award"; Robert and Donna Sweeney (Landlord) and Tom and Linda Eitmann (Tenant)—"Landlord/Tenant Award"; Don and Ruby Larsen—"Eldon Ravlin Memorial Award"; Pete Bell (Farm Manager), Jerome and Ester Messerschmidt (tenant), and Erna Burger (Landlord)—"Farm Manager/Tenant/Landlord Award"; Keith and Betty Gunderson—"Owner/Operator Award" and also this year's "Sweepstakes" winners. Plaques were given to the No-Till Yield Contest winners: Mick Ring—No-Till Corn Yield Contest with a yield of 201.03 bushels/acre, and Charles and Darol Jensen—No-Till Soybean Yield Contest with a yield of 53.87 bushels/acre. Certificates and trophies were awarded to local school children for the Poster and Essay Contests. Over 575 posters were entered and the overall school winners received trophies. They were Lindsey Grote, Underwood; Amber Davis, St. Joseph; and Rebecca Ballew, Tri-Center. Winning posters will be displayed at the Iowa State Fair this summer. Chris Downing read her winning essay which will continue on in the state-wide contest. She received a plaque for her efforts.



Awards winners included [front row, from the left] Pete Bell, farm manager for Farmers National Co., who manages Ernest Burger Trust farm, which is farmed by Esther and Jerome Messerschmidt, winners of the Farm Manager, Landowner-Tenant Award; [standing] Tom and Linda Eitmann and Donna and Robert Sweeney, winners of the Landowner-Tenant Award.



Additional award winners included [front row, from the left] Mrs. Darol Jensen, Ruby Larsen, Betty Gunderson, Mrs. Charles Jensen, [standing] Mick Ring, Darol Jensen, Don Larsen, Keith Gunderson and Charles Jensen. Ring won the No-Till Corn Contest, 201.03 bushels per acre; Charles and Darol Jensen won the No-Till Soybean Contest, 53.87 bu. per acre; the Larsens won the Eldon Ravlin Memorial Conservation Award; and the Gundersons won the Owner-Operator Conservation Award.

Last year for maximum benefits!

IRA

from CBSB

There's still time!

You have until April 15th to fund your CBSB Individual Retirement Account under the old tax laws.

Contrary to what you might have heard, you can still put money into your CBSB IRA. As much as in previous years. Under the same terms and conditions as last year. But, you only have until April 15, 1987 to do so.

The new tax laws that went into effect January 1 have no effect on your IRA contribution for 1986. You have until April 15th to open or add to your CBSB IRA. Just like last year.

But, this is it! The new tax laws restrict future IRA eligibility and contributions, starting with the 1987 tax year. So don't miss gaining maximum income tax advantage. Talk to any bank officer about opening or adding to your existing CBSB IRA.

We're Good for You!

Leading the way

Council Bluffs Savings Bank

Member F.D.I.C. 328-1856 A BANKS OF IOWA BANK

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AG WEEK MARCH 15-21

PUBLIC FARM AUCTION

As I am moving to Arizona, I will sell at Public Auction at the farm located 8 miles West of Oakland, Ia. on Highway #6 and 2 miles North of L-66 and 1/2 mile East. Or, 9 miles South of Minden, Ia. on L-66 and 1/2 mile East. Farm formerly known as Greco Farms.

ON THURSDAY MARCH 26, 1987

Commencing at 12:00 o'clock Noon Very few small items — machinery will be selling by 12:30. Lunch on grounds

TRACTORS

1974 IHC 1466 with dual hydraulic, dual PTO, wide front, 3 pt., factory cab with air and heat, good 18.4x38 rear rubber and 3460 actual hrs.

1968 IHC 1256 tractor with wide front end, 3 pt. hitch, dual hydraulic, dual PTO, 18.4x38 rubber and 5515 actual hrs.

1963 Oliver 1600 gas tractor with wide front end, hydra-power shift, dual hydraulic and 3 pt. hitch, 15.5x38 rubber.

IHC Super MTA with live hydraulic, P.S., wide front, good 14.9x38 rubber.

Massey-Harris 44 tractor.

Lindsay Super Six loader for 1600 with 60" bucket.

COMBINE

1978 New Holland TR 70 combine with hydrostatic drive, 3208 Caterpillar engine, straw chopper, bin extensions, 28Lx26 drive rubber, with 2000 actual hrs.

New Holland 960 15' grain table with hydraulic lift, variable speed reel and Luv bar.

New Holland 962 4-row corn head.

MISCELLANEOUS

2 IHC front wt. brackets.

18 IHC front weights.

Set of 18.4x38 snap-on duals.

20' Lee type cattle feeder.

Owatonna 44' elevator.

2 hay rings.

8' pickup topper.

Baler twine.

Wood-burning tank heater.

Oil barrels and pumps.

Three 300 gallon fuel barrels and stands.

6 ton protein bin with auger and motor.

Cattle headgate.

25 corn tunnels.

Steel fence posts.

Woven wire and other fencing material.

Set of 18.4x38 axle drive duals for 1256.

MACHINERY

2 Westendorf 10 ton gears with hoists and telescoping tongues and 7'x14' Heider boxes.

Heider 10 ton gear with 8'x14' Giant box and silage board and hoist.

Triggs sawtooth cart.

Bush Hog 9' 3 pt. twin blade chopper with 540 PTO.

J.D. AT40 cultivator with 1256 mounts.

IHC #400 cyclo planter with corn and bean drums and covering discs, insecticide and herbicide monitor.

Haybuster Model C portable grinder with ear corn screens with 1000 RPM PTO.

Noble 800 harrow cart with 24' heavy duty harrow.

7'x16' lowboy with slides.

Kelly-Ryan 4x10 feed wagon.

IHC #68 4-row cultivator with "M" mountings.

New Ido 402 side rake.

Allis-Chalmers #610 14' 3 pt. chisel plow, hydraulic fold.

IHC 4-row rotary hoe with 3 pt. carrier.

Kewanee 1020 21' tandem disc.

Allis-Chalmers 302 twine tie square baler.

J.D. #37 trail type mower with 7' bar.

Allis-Chalmers 5-bottom semi-mounted plow with gauge wheel.

Bazooka 32'x8" portable auger with gas engine.

Hutchinson 48'x8" auger with PTO drive.

J.D. 28' elevator.

New Holland Model 80 3 pt. hay carrier.

Henke portable corn roller with PTO drive.

Kelly-Ryan 5'x12' remix wagon.

Michael D. Wilson, owner

TS2863: Cash day of sale. The property to be sold is located at 112.30. (Show Place) - Oakland, Ia.

AG-1703-120: Gary Winkler, Bill Brink, Charles Pierce — Not responsible for Auctioneer.

By Tim Bottoms
County Resource Planner
Stripcropping and No-Till
Incentive Payments

This year West Pottawattamie SCD is promoting stripcropping and no-till conservation measures with an incentive payment. Each one has different policies that must be followed before receiving payment. Applications must be signed and approved by the District Board before practice begins. For the no-till incentive, you must be a first-time no-tiller unless you are renting the no-till drill or planter and can provide a receipt of payment. The no-till incentive payment maximum is \$10 per acre with a 40 acre limit (\$400) per farm operating unit. A father-son operation or any partnership will be considered as one farm operating unit. On stripcropping the payment is \$15 per acre with a 40 acre limit per farm operating unit. Strips and rotations must be maintained for 5 years. Both incentive policies are based on a one-time payment only.

Fourth CRP sign-up

The fourth Conservation Reserve Program sign-up period has just been completed. This sign-up period went from February 9, to February 27, which gave people who were interested in the program more time to look at their own situation and evaluate what to do. This sign-up period had an extra incentive to make the program more attractive by offering a bonus of \$2 per bushel of corn ground taken out of production.

County Cost-share program

Pottawattamie County is trying to do its part in reducing erosion by offering county funds to reduce soil and water erosion above county roads. If you are interested in applying conservation on your property be sure to look it over to see if any of it drains toward a county road. If it is causing you and the County a problem you may be eligible for county cost-share funds for terrace construction. For example, if you installed 3400 feet of terraces above a county road you could reduce the annual sediment by 370 tons per year and save the county \$909 per year by not having to clean out the ditch. The District still has \$9495.25 left for this spring to use for just this purpose.

No-Till Tour

Last year the District no-till tour took place on the Glen Bryant farm where we looked at no-till corn on corn, no-till corn on soybean residue and no-till corn on set-aside. Along with this farm, the tour also went to the Clifford Bruning farm where they planted no-till corn in alfalfa. If you are interested in a fact sheet on either of these farms, contact the West Pottawattamie District office. We would like to take this opportunity to thank the following no-till farmers; Glen Bryant, Richard Hansen, Harold Neumann, Robert Hough and Gail and Duane Witt for letting us display our no-till signs on their fields for the public to see.

By Peggy Hay
Engineering Aide II

Iowa Soil 2000 Area

On February 5, 1987, the landowners and operators in the Mamie Creek Watershed participated in a soil conservation meeting at the McClelland Town Hall. All but seven of the 31 farms in this area were represented. Each landowner received a folder which contained soils information, present soil losses and alternative conservation measures. A slide show containing information on the 1985

By Bill Hammitt
District Conservationist

No-Till Belt Buckles

The West Pottawattamie SCD Commissioners are offering "No-Till Saves" belt buckles for \$6 each. The buckles are solid brass and will be available in 2-3 weeks at the District Office.



Terrace Construction Deadline - 1995

According to the rules of the 1985 Food Security Act, all farms with highly erodible land must have a conservation plan developed by 1990 and have their conservation work completed by 1995. In order to meet this deadline by 1995, 15 million feet of terraces must be constructed. This will amount to 2 million feet a year.

The current rate of construction is around half a million feet a year. Up to one million dollars cost-share will be needed each year to meet this deadline.

Soil Survey Completed

The soil survey of Pottawattamie County has been completed and advance copies have been published for SCS use. The manuscript will not be completed for public dispersal until 1989 at the earliest. If you would like copies of the soils maps and soils information for your land, stop by the District Office.

No-Till Drill Demonstration

A no-till soybean drill demonstration was held at the Bob Hough farm in June. Four no-till soybean drills were demonstrated into untouched corn stalk residue. BASF provided a meal and herbicides for the field. Everyone watched the field all summer and weed control was very good. Yields were in the 50+ bushels per acre range. Everyone was impressed with the way the machines worked in heavy residue.

No-Till Club

The West Pott No-Till Club has been very active this past winter. The group held a planning meeting in December and met every Thursday night in January and February. Most of these were dinner meetings featuring speakers from the Extension Service, herbicide and fertilizer companies. Over 150 farmers are now on the Club's mailing list.

Farm Bill was shown and discussed. Several plans were updated and certified for compliance as a result of this gathering.

According to an SCS watershed inventory, there are an additional 600,000 feet of terraces needed in this area. To help apply conservation terraces, the West Pottawattamie Soil Conservation District Commissioners set aside \$15,000 of it's fiscal year 1988 cost-share funds for the Mamie Creek Watershed. In past years all of the set-aside funds were used in the designated Iowa 2000 areas and we expect the same this year.

Contributors drive is a success!

We would like to take this opportunity to publicly thank all the people who sent contributions in response to our appeal for funds. The District is allowed only a small amount each year to operate on. The

Joseph Wiest
James McKinney
Harold Terry
LeRoy Enselman
Joe Welbourne
Peterson Farms
William Pogge
Don Lee
J.J. Bracker
Alvin Strobbeln
Mrs. Helen Davie
Ervin Konz
Frank Sedlacek
Condon Schnepel
E.H. Niemann
Oscar Schultz
Wayne Casson
Den-Mar Corp
Ravlin Brothers
Mrs. John Tiarks
Victor Swanson
Charles Wohlers
Don Hummel Ins.
Irvin Larsen
John & Mary Fischer Corp
James Goodman Agency
Mrs. Gus Green
Richard Eames
Eva Lawson
Gifford Schnepel
Arlon O'Neill
Wellman Construction
Clarence Pedersen
Herbert Peters
John Orr
Raymond Darrington
Ruth Schlott
Robert Carlson
Owen Darrington

contribution drive is necessary in order to continue office operations, education and no-till information programs, along with many other programs.

Frode Jensen
Richard Smith
Wayne Bryant
Ervin Eilts
Don Parish (PP&R Farm)
Jacqueline Johnson
Treyner State Bank
John Hurd
Joel Fahrenkrog
Donna O. Rahel
Robert Adkins & Sons
Leonard Timm
John Churchman
C.J. Giangreco
Marjorie Rodenburg
Maynard Ridlen
Fred Roane
J. William Witt
Norma J. Welbourn
Andy Gohlinghorst
Hans Schmidt
Keith Kay
John Hartwell
Geraldine Bower
Weslie Casson
Jean Goos
Derald Blois
John McNamara
Donald Larsen
William Barnett
Treyner Ins. Services
Cary Saar

Again, our sincere "Thanks" in sharing with us the belief that protection and conservation of our soil and water is of the utmost importance.

By Sherry Sandvik, District Clerk

Virtually no run-off in 23-year no-till continuous corn research plot

Storm run-off has been virtually eliminated on an Ohio research plot in continuous no-till corn for 23 years.

The field, with a slope averaging 9% has had a seven-year rainfall run-off total of less than one-half inch. (Annual rainfall is 40 inches.)

That total includes run-off from a three-inch downpour May 30, two inches of the rain falling in 20 minutes.

"It's pretty hard to say what is normal to compare those results with," states Dr. W.M. (Bill) Edwards, who heads the Agricultural Research Service station near Coshocton, Ohio. "But on one conventional plot with a 6% slope, we had 12 inches of run-off one year, four to five inches the next two or three years and a five-year average of seven inches. At least five inches per year is probably a fair estimate for conventional tillage."

What accounts for the sponge-like nature of the long-term, no-till field?

Earthworms, undisturbed by tillage, are an important factor, says Edwards. High organic content at the surface is another.

The contribution of earthworms, nightcrawlers in particular, to the phenomenal drainage at the site has been documented, using red dye and a rainfall simulator at different rates.

"At different depths down to bedrock (less than 36 inches) we've found dye lines in the holes," Edwards says.

The continuous no-till field has up to 15 nightcrawler holes per square foot

of surface, plus hundreds of holes per cubic foot by other earthworms, soil insects and plant roots.

"Those nightcrawler holes are nearly vertical through the soil profile," says Edwards. "By not tilling and breaking up the worm paths, those holes continue to help drain the surface water even through the worm may be dead."

Nightcrawlers thrive because they face no tillage disturbance and are surface feeders, attracted by decaying residue and resulting moisture.

The heavy earthworm activity helps incorporate surface residue, improving soil organic content to 5% in the top one inch and 3% at three inches. Organic content at five inches is 1.5%, the same as throughout the top five inches of conventional tillage.

Since 1979, the no-till plot has averaged 128 bushels per acre. It and the station's other well-drained soils average about 10% higher yields with no-till than conventional, although the gap narrows in very wet growing seasons or on soils that are poorly drained.

New research on the continuous no-till plot will focus on how its high moisture-absorption affects quality of water and pesticide and nitrate movement down through the soil profile.

For more information, contact Dr. W.M. Edwards, USDA-ARS, P.O. Box 478, Coshocton, Ohio 43812, (614) 545-6349.

By Cal Dunblazier
Soil Conservation Technician

Contractor Workshop

Approximately fifty earthwork contractors and their operators attended the 1987 Contractor's Workshop held at the Federal Building in Council Bluffs. The workshop, sponsored by the West Pottawattamie Soil Conservation District, is held annually to discuss the upcoming construction season. Topics of discussion included new specifications, cost-share programs, past problems, and construction estimates.

Representatives from Northern Natural Gas, as well as several local equipment dealers, attended and distributed their information. Bob Mohr's Barbaque of Oakland served a tasty meal of barbeque beef sandwiches and baked beans. Door prizes were drawn throughout the meeting. Donations were appreciated by the

Terrace Construction

The 1987 terrace construction season began March 2, due to the mild winter we've enjoyed. Cost-share applications were approved and staking has begun. Applications are currently being accepted and landowners are encouraged to apply.

The Soil Conservation Service is expecting a very busy season and landowners should contact an earthwork contractor as soon as possible. When a contractor is prepared to begin building terraces, the technicians will then stake the terrace at that time.

If you plan on building terraces on set-aside ground, you should also check with SCS to insure proper placement for terrace construction.

NOTICE OF HEARING

A public hearing for the Fiscal Year 1987-1988, Proposed Budget for Federal Revenue Sharing Monies, will be held in conjunction with the regular Pottawattamie County Board meeting on March 31, 1987 at 7:00 p.m., at the Pottawattamie County Courthouse in Council Bluffs. At the hearing all residents, tax-payers, Senior Citizens and Handicapped Citizens are invited to give their approval of, or opposition to, the proposed Budget:

REVENUE SHARING

Actual Balance June 30, 1985	\$ 519,555
Actual Receipts F.Y. 1985-86	613,147
	(Interest) 10,455
Balance	1,143,157

Actual Expenditures F.Y. 1985-86:	
Senior Citizens	5,018
Transit Bus Agency Aging	4,000
E M S	8,165
McGruff Mobile	500
Crime Stoppers	500
Auditor's Plat Equipment	750
Treasurer's Computer Equip	3,272
Attorney Equip	293
Sheriff Cars	15,951
Recorder's Microfilmer	10,156
Conservation Truck	6,162
Board of Health	120
Planning & Dev-Camera	303
Ag Grant	2,000
History	4,000
Care Facility Drapes	1,997
Transfer to Co. Assistance	5,067
Total Expenditures	65,274

Balance 7/1/86	1,077,883
Actual Receipts 7/1/86-12/30/86	254,565
Balance	1,332,448

Estimated Expenditures F.Y. 1986-87:	
Jail Expense	2,059
Treasurer's Equipment	3,718
Welder	1,100
Senior Citizens	4,000
E M S	4,000
Land Purchase	1,100
Sheriff Cars	46,000
Insurance	334,170
Fair & 4 H	30,000
Auditors Equipment	9,105
SWIPOO	7,196
Board Sup. Equipment	25,000
Utilities	65,000
Total Estimated Expenditures	\$- 532,448

Balance July 1, 1987	800,000
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Expenditures Estimated 1987-88:

Sheriff Cars	\$ 68,500
Sheriff Radios	12,900
Senior Citizens	8,000
E M S	5,200
Transit Bus	4,000
Voting Machines	6,850
Motor Vehicle Conservation	8,500
Treasurer's Equipment	500
Utilities	170,000
Insurance	515,550
Total Expenditures	\$800,000

Balance September 30, 1987	0
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NOTICE OF PUBLIC HEARING BUDGET ESTIMATE Fiscal Year July 1, 1987 - June 30, 1988

The Board of Supervisors of POTTAWATTAMIE County will conduct a public hearing on the proposed 1987/1988 County budget at

POTTAWATTAMIE COUNTY COURTHOUSE

on MARCH 31st, 1987, beginning at

7:00 o'clock P.m.

At the public hearing any resident or taxpayer may present objections to, or arguments in favor of, any part of the proposed budget. This notice represents a summary of the supporting detail of revenues and expenditures on file with the county auditor. A copy of the supplemental detail will be furnished upon request.

MARCH 17th, 1987 MARILYN JO DRAKE
County Auditor

All citizens are invited to this budget hearing, and may express their views on the use of revenue sharing funds and other funds, either orally or in writing. Senior citizens and organizations representing the interests of senior citizens will be given an opportunity to present their views.

PROPOSED Pottawattamie COUNTY BUDGET SUMMARY Fiscal Year 1987-88

	General (A)	Special Revenue (B)	Capital Projects (C)	Debt Service (D)	Expendable Trust (E)	Budget 1988 (F)	Re-estimated 1987 (G)	Actual 1986 (H)
REVENUES & OTHER FINANCING SOURCES								
Taxes Levied on Property	7,125,727	2,010,621	XXXXXXX	229,000	XXXXXXX	9,165,348	9,005,142	8,270,198
Less: Uncollected Delinquent Taxes - Levy Year	-	-	XXXXXXX	-	XXXXXXX	-	200,000	191,391
Less: Credits to Taxpayers	855,037	241,274	XXXXXXX	27,430	XXXXXXX	1,123,841	1,050,617	969,456
= Net Current Property Taxes	6,270,690	1,769,347	XXXXXXX	201,570	XXXXXXX	8,241,507	7,724,525	7,109,351
Delinquent Property Tax Revenues	5,195,000	9,000	XXXXXXX	1,000	XXXXXXX	205,000	205,000	210,927
Penalties & Interest on Taxes	255,000	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	255,000	255,000	257,372
Other County Taxes	7,20,660	-	-	-	-	20,660	20,660	20,723
Intergovernmental	2,567,192	2,917,264	-	27,430	-	5,811,936	5,581,242	6,348,738
Licenses & Permits	13,035	-	-	-	-	18,035	19,560	16,330
Charges for Services	536,065	-	-	-	-	536,065	645,320	623,386
Use of Money & Property	350,600	-	-	-	-	350,600	473,563	493,030
Fines, Forfeits & Defaults	4,500	-	-	-	-	4,500	120,518	170,285
Miscellaneous	869,967	400	-	-	-	870,367	735,306	283,082
Subtotal Revenues	11,337,709	4,696,011	-	230,000	-	16,313,720	15,731,294	15,533,214
Other Financing Sources:								
General Long-Term Debt Proceeds	-	-	-	-	-	-	-	-
Operating Transfers In	3,149,440	2,000,428	-	-	-	5,149,868	7,799,577	8,007,176
Proceeds of Fixed Asset Sales	-	-	-	-	-	-	-	-
Total Revenues & Other Sources	14,837,149	6,696,439	-	230,000	-	21,463,588	23,530,871	23,545,390
EXPENDITURES & OTHER FINANCING USES								
Operating:								
Public Safety	2,462,774	81,400	-	-	-	2,544,174	2,475,529	2,331,710
Court Services	493,664	-	-	-	-	493,664	507,331	878,834
Physical Health & Education	469,358	46,595	-	-	12,000	527,953	550,647	411,246
Mental Health	1,649,292	-	-	-	-	3,649,292	3,600,000	3,500,062
Social Services	986,315	17,200	-	-	-	1,003,515	918,365	864,578
County Environment	285,718	196,702	-	-	-	482,420	387,191	470,250
Roads & Transportation	-	4,413,344	-	-	-	4,413,344	4,415,965	3,869,965
State & Local Government Services	514,282	8,450	-	-	-	522,732	451,879	408,209
Interprogram Services	1,166,506	685,550	-	-	-	2,002,356	1,867,638	1,389,925
Nonprogram Current	-	25,000	-	-	10,000	35,000	-	-
Debt Service	-	-	-	229,000	-	229,000	236,600	241,975
Capital Projects	-	-	-	-	190,000	190,000	118,568	276,387
Subtotal Expenditures	10,223,209	402,000	-	229,000	-	10,854,209	11,169,543	11,629,151
Other Financing Uses:								
Operating Transfers Out	3,224,440	1,925,428	-	-	-	5,149,868	7,799,577	8,007,176
Total Expenditures & Other Uses	13,447,649	7,801,669	-	229,000	212,000	21,695,318	23,519,290	22,636,327
Excess of Revenues & Other Sources Over (Under) Expenditures & Other Uses	34							
Beginning Fund Balance - July 1	870,325	2,020,000	-	0	212,000	3,102,325	3,040,744	2,131,681
Ending Fund Balance - June 30	1,954,325	914,770	-	1,000	0	2,870,595	3,102,325	3,040,744

Proposed tax rate per \$1000 valuation for county purposes: _____ urban areas; _____ rural areas