
DELAWARE COUNTY SOIL & WATER CONSERVATION DISTRICT



Take Pride in America -- Save Our Soil

Annual Report - 1996

Delaware Soil and Water Conservation District ANNUAL REPORT

Financial statement expenditures of funds provided by the State of Iowa for District Commissioners expenses, office supplies, and cost share program.

July 1, 1995 thru June 30, 1996

IM BUDGET

Original Allocation	\$2,500.00
Supplemental Allocation	+\$1,330.40
Commissioners Expense	-\$1,370.39
Office Supplies & Expenses	-\$2,460.01
Total Spent	-\$ 3,830.40
Remaining & Returned to State June 30, 1996	\$ -0-

IIIM BUDGET - COST SHARE PROGRAM

FY 95-96 Original Allocation 7/1/95	\$27,173.00
Supplemental 6/96	+\$ 3,475.00
Spent in FY 96	-\$ 7,742.18
Obligated	-\$21,925.00
Remaining 6/30/96	\$ 980.82
FY 94-95 Original Allocation 7/1/93	\$25,057.00
Spent in FY 95	-\$12,878.73
Spent in FY 96	-\$10,713.19
Remaining & Recalled 6/30/96	\$ 1,465.08
FY 93-94 Original Allocation 7/1/92	\$25,057.00
Spent in FY 94	-\$ 4,796.99
Spent in FY 95	-\$ 9,306.54
Recalled to State 12/30/94	-\$10,557.37
Recalled 6/30/95	-\$ 396.10
Remaining 6/30/96	\$ -0-
FY 92-93 Original Allocation 7/1/92	\$26,577.00
Recalled by State 12/31/93	-\$ 179.83
Supplemental 3/1/94	+\$ 9,500.00
Spent in FY 94	-\$24,973.97
Spent in FY 95	-\$10,408.87
Recalled Dec. 31, 1994	-\$ 514.33
Supplemental 3/1/96	+\$12,056.00
Spent in FY 96	-\$ 2,109.50
Remaining & Recalled 6/30/96	\$ 9,946.50

REAP PRACTICES COST SHARE PROGRAM

FY 95-96 Original Allocation 9/1/95	\$ 11,538.00
Spent in FY 96	-\$11,143.95
Remaining & Recalled 10/1/96	\$ 394.05

REAP FORESTRY/NATIVE GRASSES

FY 95-96 Original Allocation 9/1/95	\$ 2,693.00
Supplemental 11/95	+\$5,127.00
Spent in FY 96	-\$7,456.90
Remaining & Recalled 10/1/96	\$ 363.10

ORGANTIC NUTRIENT MANAGEMENT PRACTICES

FY 95-96 Original Allocation	\$16,566.00
Supplemental	+\$20,000.00
Obligated	-\$29,066.00
Spent	-\$ 7,500.00
Remaining 6/30/96	\$ -0-

REVOLVING FUND

Balance 7/1/95	\$ 5,838.07
Minus-Education items, prizes, camps	\$ 837.45
IASWCD & NACD Dues	\$1,050.00
Sales Tax for '93	\$ 234.49
Savings Deposit	\$5,000.00
Annual Report	\$3,674.50
Nursery License	\$ 25.00
Tree Sales Program	\$3,469.20
Office Supplies	\$1,610.61
Plus-Reimbursement from IM Fund	\$1,678.14
Tree Sales Program	\$6,219.35
Scale Sales Program	\$ 14.00
Flag Sales Program	\$ 73.50
Calendar Ads	\$4,610.00
Other Deposits	\$ 687.11
Balance 6/30/96	\$ 3,218.92

District Activities

July 1, 1995 to June 30, 1996

JULY

- Grant monies for 319-Spring Branch Watershed project have been received.

AUGUST

- Fall Regional held at Bellevue State Park was attended by Eibey and Krause.

SEPTEMBER

- Donna Robinson and Family received the State Izaak Walton League Windbreak Award at the Iowa Association of Soil & Water Conservation District Commissioners Annual Conference in Des Moines. Knipper attended the Annual Conference.

OCTOBER

- Mike Freiburger started work as Spring Branch Watershed Coordinator.

NOVEMBER

- Information on the poster contest was distributed to the schools.
- Molly Jensen - District Representative for Jim Nussle and Darrell Hansen - ISU Extension Director attended SWCD Monthly meeting.

DECEMBER

- Aleshia Beaudine of Manchester was presented with the "Earth Team Volunteer Award" and a Earth Team sweatshirt from Area 4 NRCS. She donated 153.5 hours of work to the NRCS & Delaware SWCD office in Manchester.

JANUARY

- Officers for '96 are: Chairman - Marvin Calonder, Vice-Chariman - Arnold Lueken, Secretary/Treasurer - Marilyn Beaudine, Assistant Commissioners - Vernon Smock, Eric Wahl, Eldon Koenke.
- Eastern Iowa Tillage Show attendees and workers were Eibey, Calonder, Knipper, and Lueken.
- Reviewed and updated Delaware SWCD Management Practices Rules.
- Reviewed NRCS & SWCD Memo of Understanding, EEO & Civil Rights, and NRCS Standards and Specifications.
- Freiburger presented the rules for conservation tillage incentive and the Nutrient and Pest Management Program for the Spring Branch Watershed.

FEBRUARY

- FFA Chapters in the county agreed to sell trees for the district.
- Lueken and Krause attended the county REAP meeting.

MARCH

- Calonder, Knipper, and Krause attended the Spring Regional on March 4 in Readlyn.
- A new Conservation Farm sign was approved to be given to the Conservation Farm award winners.
- Annual Chamber of Commerce Ag-Businessman luncheon was held March 20 presentations to the Conservation Farmer award for 1995 to Kenny Jasper and for 1996 to Wayne Mormann and the Izaak Walton League Windbreak Award to Donna Robinson and family were made. Lueken and Krause attended
- SWCD joined the Iowa Watershed organization.

APRIL

- 2,274 trees were distributed for the Tree Sales Program.

MAY

- District gave \$100 Scholarship to Jason Diers for the IASWCD Auxiliary Scholarship Award.
- Soil Stewardship Materials were distributed to the churches and libraries.

JUNE

- Mert Jasper has been selected as Izaak Walton League Windbreak Award Winner for 96.

Conservation Accomplishments

October 1, 1995 to September 30, 1996

	No.	Acres/Ft.
New District Cooperators	20	1,600
Clients Receiving Assistance	628	
Clients Applying Conservation Practices	223	
Conservation Plans		7,740 ac.
Conservation Cropping Systems		5,890 ac.
Conservation Tillage Systems		6,789 ac.
Contour Farming		1,134 ac.
Farmstead & Feedlot Windbreak		17 ac.
Field Border		37,700 ft.
Grassed Waterways		76 ac.
Contour Stripcropping		440 ac.
Terraces		10,600 ft.
Tree Planting		33.0 ac.
Water & Sediment Control Basins	3	
Wildlife Upland Habitat Management		41 ac.
Wildlife Wetland Development		4 ac.
Animal Waste Systems	7	
Woodland Improvement		71 ac.
Filter Strips		82 ac.
Pasture & Hayland Management		2,100 ac.
Stream Bank Protection		3,490 ft.
Cropland Acres Treated		2,775 ac.
Conservation Reserve Program		
Total No. & Acres	279	11,644 ac.

Thank You!

The Delaware Soil & Water Conservation District extends its thanks to the people and businesses who have helped sponsor our education programs.

We would also like to thank our staff of the NRCS Area Office for their continued training, moral support, and help with field work.

We extend a special thank you to the following businesses who have made it possible to publish this Annual Report Calendar.

All American Homes	Hauser Water Conditioning, Inc.
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Brunken Equipment	Kendrick Forrest Products
C & D Construction	Kuhlman Construction
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Crows Hybrids	Morris, Shane
D & L Systems	Norby's Farm Fleet
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Del Clay Farm Equipment	Paris & Son's Inc.
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Delaware County Farm Bureau Ins. Agency	Robinson Mfg.
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Dyersville Implement	Simon's Grain, Inc.
Eastern Iowa Drainage	Smitty's
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Edgewood Cooperative	Sprayers Plus
Fangman & Neighbor	Standard Auto Parts, Inc.
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Farm Products Inc.	Swiss Valley Ag Service
Farmers Shipping Assoc.	The Boardroom Computer
Farmers Silver Springs Cooperative	Thole Electric
Faust Millworks	Three Rivers FS
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Gallery Construction, L.B.	Wilhelm Excavating, Inc.
Gosling & Company P.C.	Yoder Feeds
Hanson & Werger	



Commissioners

Pictured are the commissioners for the Delaware County Soil and Water Conservation District. Left-Right, seated: Joe McGrane, Milo Twp.; Marvin Calonder, Delaware Twp.; and Arnold Lueken, Colony Twp. Standing: Larry Knipper, North Fork Twp. and Dave Eibey, Adams Twp. Not pictured are Assistant Commissioners: Eldon Koeneke, Eric Wahl, and Vernon Schmock.

Office Staff

Field Office staffing assisting the SWCD are seated left to right, Richard Belden, Soil Conservationist; Greg Deutmeyer, Soil Conservation Technician; Mike Freiburger, Environmental Specialist. Standing left to right, Robin Gudenkauf, Soil Conservation Aide; Marilyn Beaudine, State Secretary; Ken Klein, State Soil Technician and Keith Krause, District Conservationist. Not pictured is Jim Gudenkauf, Soil Conservation Aide.



SPRING BRANCH CREEK WATERSHED

Spring Branch Creek Watershed is a 12,000 acre area in 4 townships (Delaware, Milo, Delhi, and Oneida). This watershed feeds a high quality cold water trout stream called Spring Branch Creek.

This watershed is a voluntary approach for the landowner/operators and the Delaware SWCD to improve and conserve the natural resources of this area and the downstream areas. The aim of the project is to reduce sedimentation and nutrient loading of the water resources.

Conservation tillage, contour strip cropping, grassed waterways, and rotation pasture systems were implemented to help control sedimentation. A nutrient and pest management program was implemented to reduce nutrient enrichment.

Spring Branch Creek Watershed is

in its second year. The first year was very successful. 1,650 acres of conservation tillage, 50 acres of contour strips, 4.5 acres of grassed waterways, 1,015 feet of streambank stabilization, 125 acres of rotational grazing systems and 4,474 acres of nutrient and pest management were completed.

1,700 tons of soil will not be reaching Spring Branch Creek because of the above completed practices.

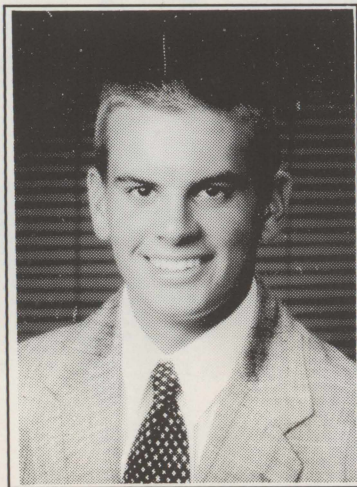
If success continues to happen, both the landowner/operators and the public will win from improved water quality. The people of Delaware County will benefit from the increased educational processes that a watershed brings in the county. All people downstream will have cleaner water also.

Remember that all people benefit when we do good things for each other!

SCHOLARSHIPS

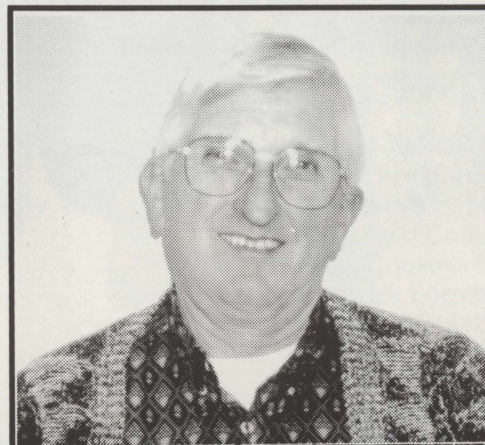
For the past several years, the Delaware County Soil & Water Conservation District (SWCD) Commissioners have sponsored a local student from our county with furthering their education, by having a scholarship fund.

The recipient of the 1996 Delaware Co. SWCD scholarship is Jason Diers, the son of James and Janet Diers of Colesburg, Jason is attending Loras College in Dubuque, majoring in Education and Spanish. Our congratulations to Jason for his years of hard work in school and furthering his education.



Jason Diers

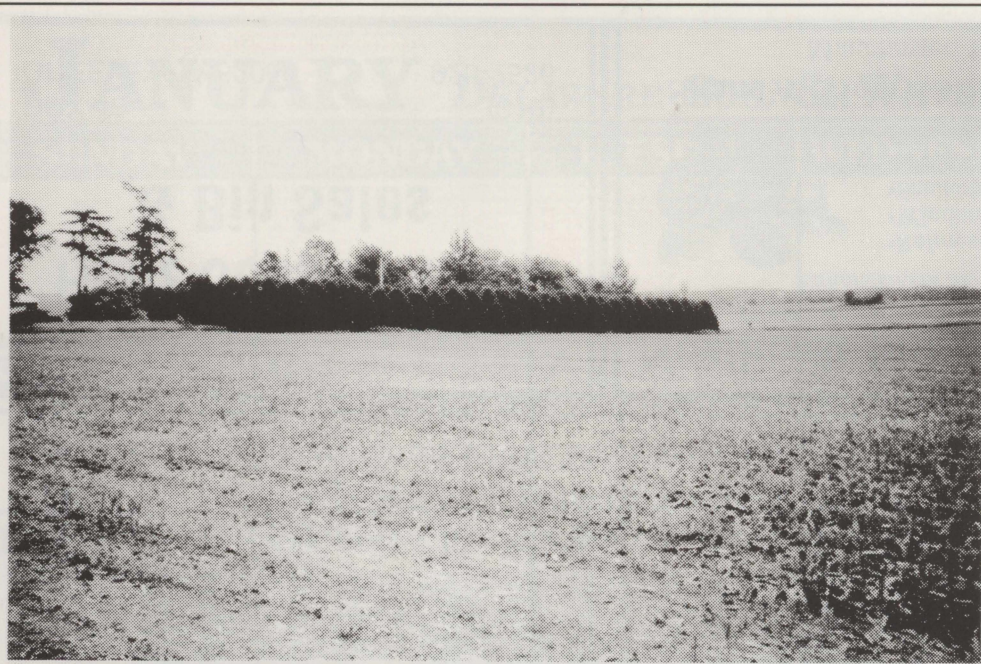
Twenty Two Years of Service



The Delaware Soil & Water Conservation District would like to dedicate this Annual Report to Larry Knipper for his twenty two years of service to the SWCD and the people of Delaware County. During Larry's years of dedicated service he served as chairman for the SWCD for seven years, vice chairman for four years, alternate regional director for Region 4-Iowa Association of Soil Conservation District Commissioners, and he represented our district at the Iowa Association of SWCD Annual Conference and Regional Meetings.

Larry has assisted the SWCD with building and maintaining a strong conservation program for the people of Delaware County. He has distributed the SWCD Soil Stewardship materials to churches and libraries of the county and has assisted with delivery and distribution of trees for the SWCD tree sale program. His guidance and leadership has been very much appreciated by the SWCD.

We express our sincere thanks to Larry for giving so much time and work to the SWCD. Thanks to his efforts the conservation programs in Delaware County are moving forward to conserve and protect our natural resources for years to come. Thank You Larry!!!!



Windbreak Award Winner

Mert and Lillian Jasper of R.R. 4, Manchester are the 1996 Isaak Walton League Farmstead Windbreak Award winners for Delaware County. Jaspers windbreak consists of three rows of arborvitae trees planted on the north and west boundaries of their farmstead. This windbreak which was planted twenty years ago is now providing protection for their farmstead.

Conservation Award Winner

The SWCD was pleased to present the 1996 conservation award to Wayne and Mary Mormann of rural Colesburg. In 1988 they contacted the SWCD office for assistance in laying out contour strip cropping on their farm. Since that time they have applied 186 acres of contour strips, 6 acres of grassed waterways, field borders, contour farming, one erosion control structure, and 1 animal waste storage structure, and a farmstead windbreak. The contour strips have reduced soil losses in half and have controlled water runoff from their farm. The manure storage structure has helped the Mormann's dairy operation. It is practices like this that not only protect their farm but also help to provide long term benefits for all of us.





A well planned windbreak like this one on Mert and Lillian Jasper's farm in Delaware township can help beautify the farmstead. More importantly a farmstead windbreak provides protection for the buildings, livestock, and wildlife. Contact the Delaware County SWCD for assistance in planning your windbreak.

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Rick Thole **Ph. 927-2290**

JANUARY *DELAWARE SOIL & WATER CONSERVATION DISTRICT* **1997**

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

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Marketing Manager
Manchester

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Tony Peters - DSM

Cedar Falls

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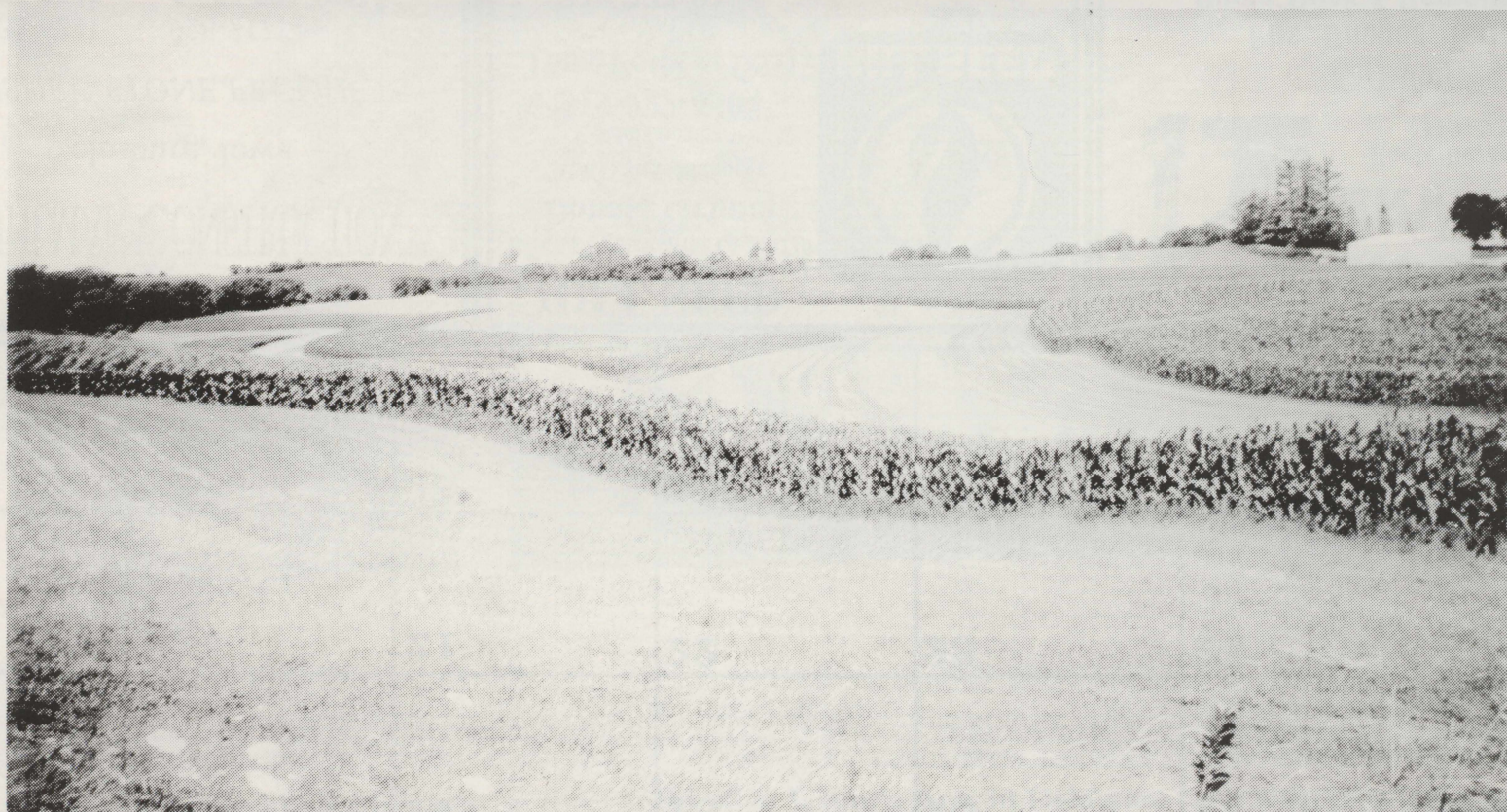


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Contour strip cropping is an important conservation practice on Mr. and Mrs. Randy Wulfekuhle farm in Elk township. These strips comprise of a corn, oats and hay rotation planted on the contour which has significantly reduced soil erosion.

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DMI



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Farm Tax Planning and Preparation
Individuals and Corporations
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927-4810

FEBRUARY DELAWARE SOIL & WATER CONSERVATION DISTRICT 1997

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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Daniel C. Vaske - District Sales Manager

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Department of Natural Resources (DNR) staff along with the Soil and Water Conservation District (SWCD) provided assistance to landowners in controlling streambank erosion. Here DNR personnel are installing wooden bank hides which were constructed by the local fly fishing club. Bank hides along with the rock-rip rap provide cover for fish and stabilize the banks on this portion of the Spring Branch trout stream.

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Dr. Diane L. Schmidt

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Telephone (319) 927-2961



Eastern Iowa Drainage

Manchester, Iowa 52057



John Foster - 927-4776

Office - 927-5210

MARCH DELAWARE SOIL & WATER CONSERVATION DISTRICT 1997

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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30	31					

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Tile outlet terraces are an important conservation practice for controlling soil erosion. These terraces reduced the runoff by trapping the sediment and water and allowing it to drain out slowly through the tile system.

**ANTHONY J. OSTWINKLE
MANAGER**

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APRIL DELAWARE SOIL & WATER CONSERVATION DISTRICT 1997

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
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20	21	22	23	24	25	26
27	28	29	30			



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Conservation Education is an important part of the Spring Branch Creek Watershed program. Students assist with sampling and monitoring the water quality of the stream. They also learn how proper conservation practices can enhance and protect the stream.

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4	
11	
18	
25	

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1997 DELAWARE SOIL & WATER CONSERVATION DISTRICT TREE SALES PROGRAM

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AMERICAN ARBORVITAE 18-24" 5/pkg \$11.25 - Dense, pyramidal evergreen shrub. Attractive dark green foliage. Hardy, Ideal for windbreaks in a variety of soils. Scalelike leaves 1/8-1/4" long, fanlike sprays.

HIGHBUSH CRANBERRY 6-18" 5/pkg. \$9.00 - Clusters of white flowers which yield bright red fruits in autumn. Great attraction for wildlife.

RED OSIER DOGWOOD 2-3' 5/pkg. \$9.00 - White flowers produce white berries in fall, twigs turn red upon dormancy. Food and cover for wildlife.

BLUE SPRUCE 12-18" 5/pkg. \$7.50 - Beautiful blue green foliage. Very ornamental. Needles 1-1 1/2" long.

GREEN ASH 2-3' 5/pkg. \$7.50 - Vigorous widely adapted tree, well-shaped with dense foilage turning brilliant yellow in autumn.

BUTTERNUT 2-3' 5/pkg. \$20.00 - Prefers moist soils but will grown on sandier soils. Produces clusters of sweet nuts for wildlife and baking.

RED MAPLE 2-3' 5/pkg. \$10.00 - Excellent yard tree, new leaves are red tinged, turn green and turn brilliant red in fall. Tolerates wet swampy areas.

PIN OAK 2-3' 5/pkg. \$10.00 - A natural for moist sites, very fast growing.

NATIVE NUT TREE PACKAGE 14/pkg. \$35.00 - Value \$54.67 - 3 ea. - Butternut 18-24", Shagbark Hickory 4-10" and 4 ea. - Hazelnut 6-12", Walnut 12-18", American Chestnut 6-12"

SHADE TREE PACKAGE 15/pkg \$35.00 - Value \$60.00 3 of each kind, all trees 2- 3' White Ash, Sugar Maple, Red Oak, Bur Oak, Swamp White Oak

NORWAY SPRUCE 12-18" 25/pkg. \$37.50 - Fast growing, well shaped trees for windbreaks or Xmas trees. Needles 1/2-3/4" long.

SCOTCH PINE 12-18" 25/pkg. \$35.00 - Excellent Xmas trees. Very adaptable to wide range of sites. Needles 1 1/2-3" long, bundles of 2.

WHITE PINE 12-18" 25/pkg. \$35.00 - NE Iowa native, excellent for timber, windbreak, and Xmas trees. Needles 2-4" long, in bundles of 5.

RED OAK 2-3' 25/pkg. \$37.50 - dense, lustrous green foliage turns a deep red in the fall. Grows best in sandy to rich loamy soil in full sun.

WALNUT 2-3' 25/pkg \$37.50 - Valuable hardwood. Leaf has 15-23 leaflets, bark is dark brown to nearly black.

SCALES \$3.50 ea. - Pocket size measuring scales to use on SCS soil maps or ASCS aerial photos.

MARKING FLAGS \$0.10 ea. or \$10.00 per 100 - 4 x 5" marking flags, 36" steel staff.

TREE TUBES are available please contact our office for prices and sizes.

Above are the trees available for 1997 spring planting season from the DELAWARE SOIL & WATER CONSERVATION DISTRICT. All are hardy, bare root seedlings adapted to this area. If you have any questions or would like recommendations according to soil type, correct spacing, etc., please call, write, or stop in. ORDERS WILL BE ACCEPTED FROM JANUARY 1, 1997 to February 28, 1997.

TREE ORDER BLANK (There is no survival guarantee on stock sold at these prices.)

NAME _____ PHONE _____

ADDRESS _____ CITY, STATE, ZIP _____

ITEM	NO. PKGS.	PRICE
ORDER TOTAL		
ADD 6% SALES TAX		
TOTAL ORDER COST		

MAKE CHECKS PAYABLE TO & MAIL TO:
DELAWARE SWCD, 909 W. Main, Manchester, Iowa 52057, Phone 319-927-4590

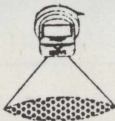


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1997 DELAWARE SOIL & WATER CONSERVATION DISTRICT TREE SALES PROGRAM

Blank area for notes or orders.

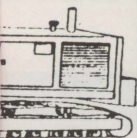
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GALLERY

MAY DELAWARE SOIL & WATER CONSERVATION DISTRICT 1997

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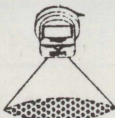


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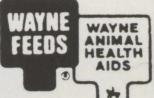
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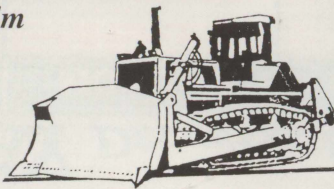
Crop scouting is an important element to the Integrated Crop Management program in the Spring Branch Watershed. Here producers are scouting for crop production needs at the Randy and Marla Maurer farm in Delaware township.

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This wetland development project on the Doug Bishop property in Milo township was designed to provide habitat for waterfowl and other wildlife. Wetlands also filter out excessive nutrients, chemicals, and sediments for better drinking water, lakes, and streams.

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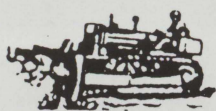
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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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Soil Conservation Technician, Robin Gudenkauf is checking a newly constructed grassed waterway on the Mr. and Mrs. Russell Bradke farm in Union township. A curlex fabric material is used to stabilize the outlet portion of the waterway until the grass cover can become established.



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31						

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Pat and Marian Freiburger of Hazel Green township are using intensive rotational grazing as an important conservation practice to their farming operation. Grasses and legumes were seeded to prevent erosion on their highly erodible farmland. Freiburgers are now able to rotate their dairy cattle through a series of pasture paddocks for maximum milk production.

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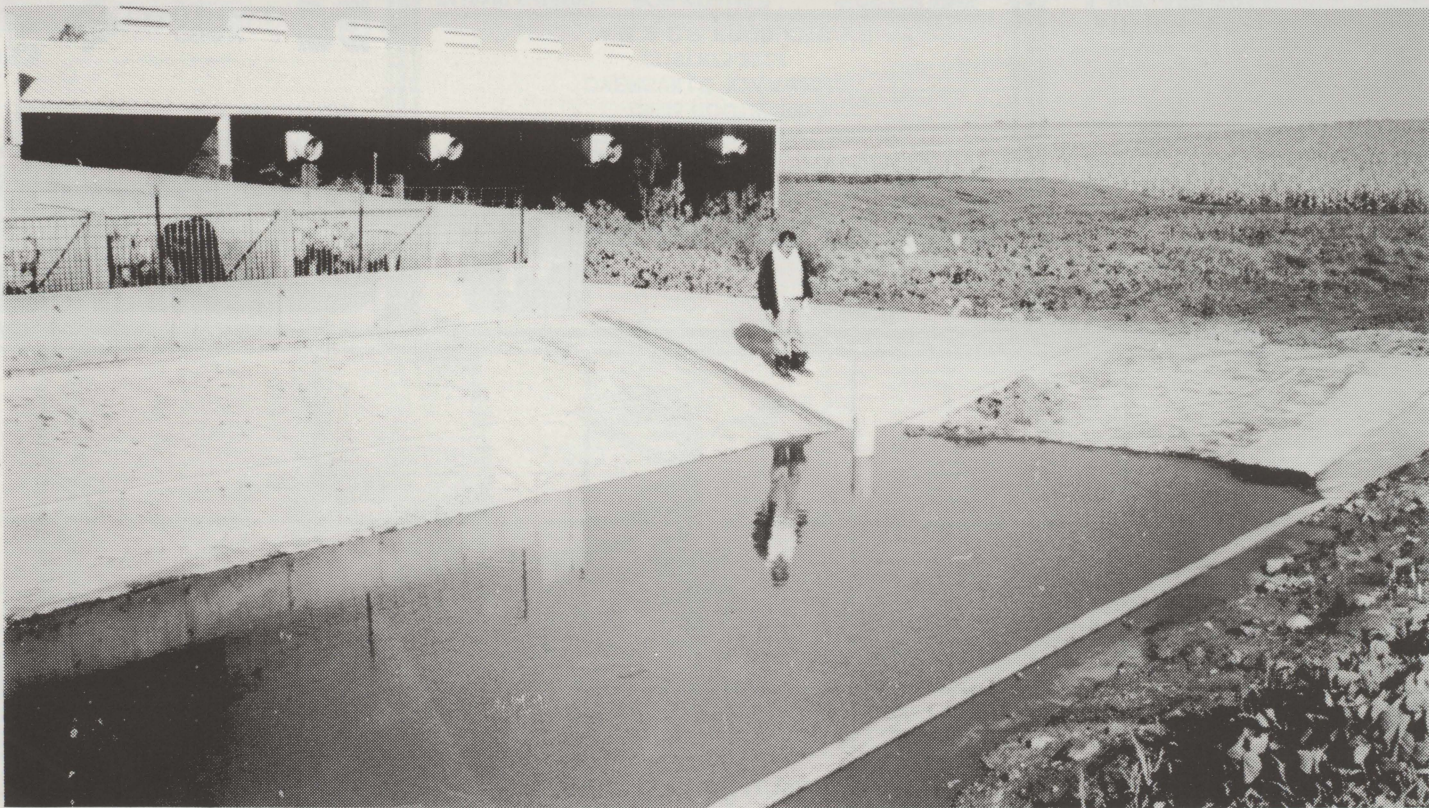
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This concrete settling basin was constructed on the Todd and Donna Boss farm in Prairie township. Animal waste storage structures allow a producer to more efficiently manage and utilize animal waste for proper nutrient management.



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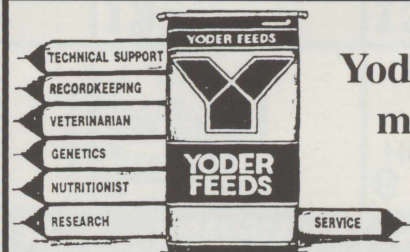
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The concrete drop structure on Mrs. Edna Gadiant's property in South Fork township provides a stable outlet for the grassed waterway and the underground tile outlets.

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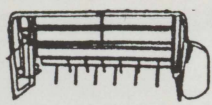
NOVEMBER DELAWARE SOIL & WATER CONSERVATION DISTRICT 1997

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Lavern Burkle

Steve Steffen

S & R

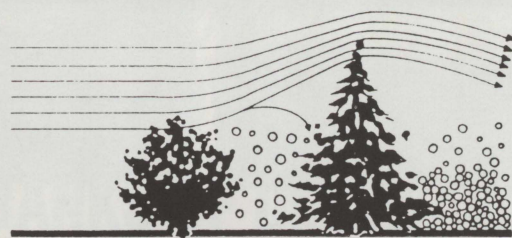


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Stream bank erosion has been a serious problem on many streams in Delaware County. Mr. and Mrs. Don Bolsinger of rural Colesburg contacted the SWCD for assistance on correcting damage caused by the Little Turkey River on their farm in Colony township. The eroding stream banks were re-shaped, lined with rip-rap (quarry rock) and re-seeded. Wooden bank hides were also placed under water to support the banks and provide habitat for fish.

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