



**POWESHIEK COUNTY SOIL AND WATER
CONSERVATION DISTRICT**

P.O. Box 216
Malcom, Iowa 50157-0216
(515) 528-2065

Assisted by

U.S.D.A. Soil Conservation Service

**45TH ANNUAL REPORT
1993 FISCAL YEAR**

WRAP IT UP!

Farmers have been applying conservation practices at record rates to reduce erosion on the Nation's most erodible land. Now, 1994 is here and if you haven't completed the conservation work required in your conservation plan, it's time to wrap it up!

The Soil Conservation Service encourages you to check your conservation plan to see what you have left to apply, if you have practices that should have been applied in earlier years, apply them in 1994. Contact our office if you want to review or revise your plan.

**CHECK ON WETLANDS
BEFORE YOU TILE**

Anyone considering tiling should check at our office to see if wetlands exist in the area to be tiled. USDA farm program benefits could be lost if wetlands are altered by drainage (tiling or ditching), removal of woody vegetation, filling or other alterations. Be sure to check on wetland status before tiling, not after.



COMMISSIONERS

Douglas A. Brown, Chairman
Douglas Mikel, Vice-Chairman
H. W. Mathes, Treasurer
Ronald E. Clayton, Commissioner
Russell Winburn, Commissioner

Rita Baustian, Assistant Commissioner
Lois Winegarden, Assistant Commissioner

OFFICE STAFF

David W. Kudej, District Conservationist
Ronald Smith, Soil Conservationist
Clifford J. Foster, Technician
Regina S. Leer, Technician
Jeanette M. Sebetka, WAE
Carol L. Brown, District Secretary

**EXPENDITURE OF FUNDS PROVIDED BY
STATE OF IOWA**

1993-94 Fiscal Year

1-M Budget	\$2,500.00
Office Supplies	\$11.25
Printing	\$0
Commissioner's Expense	\$668.64
Ending Balance	\$1,820.11
3-M Budget (State Cost-share)	\$111,695.00
Total Spent	\$65,552.52
Total Obligated	\$45,915.00
Ending Balance	\$227.48
REAP Practices	\$22,935.00
Ending Balance	\$22,935.00
REAP Forestry	\$5,586.00
Total Spent	\$0
Total Obligated	\$5,048.50
Ending Balance	\$537.50
Organic Nutrient Management Program	\$8,640.00

All District programs and services are offered on a nondiscriminatory basis without regard to race, national origin, religion, sex, age, marital status or handicap.

TIME TO SIGN-UP FOR STATE COST-SHARE FUNDS

The District would like to encourage those landowners wanting to apply terraces, water and sediment control basins, no-till, contouring and contour stripcropping in 1994 to sign-up early. That way, when funds become available, the district commissioners can consider your application for cost-share. The cost-share on permanent practices is 50 percent of our estimated cost or actual cost, whichever is the lesser amount, and they have a twenty-year maintenance agreement. The management practices have a per acre amount of cost-share and contouring and contour stripcropping have a five-year performance agreement.

FORESTRY PRACTICES

Two of REAP's forestry practices are Farmstead Windbreaks and Field Windbreaks. These practices are cost-shared at 75 percent of actual cost, not to exceed \$12.00 per tree and \$2.25 per shrub. If fencing is needed to exclude livestock, it can be cost-shared at \$8.00 per rod. This excludes boundary and road fences. The cost-share assistance on a farmstead windbreak cannot exceed \$700.00. For more details, contact the Poweshiek County Soil and Water Conservation District Office.

CONSERVATION WORK ACCOMPLISHMENTS

October 1992 to September 1993

Cooperator Agreements	5,890 Ac
Landowners Assisted	1,684 No
Individuals & Groups Applying Practices	780 No
HEL Positive Determinations	1,741 Ac
Conservation Plans	8,986 Ac
Approved Conservation Plans	99,712 Ac
Conservation Tillage	10,584 Ac
Farmstead Windbreaks	6 Ac
Grassed Waterways	54 Ac
Terraces	23,175 Ft
Tree Planting	16 Ac
Water & Sediment Control Basins	135 No
Tons Soil Saved on Cropland Acres	56,293 Ac
Wildlife Acres Treated	3,375 Ac

POWESHIEK COUNTY SELECTS CONSERVATION AWARD WINNERS

The Eugene Mann farm was selected as the 1993 Poweshiek County winner in the Iowa Soil Conservation Awards contest in the Owner-Operator Division.

The Mann farm is located in sections 10, 11, 12, 14 and 23 of Pleasant Township 3 miles southwest of Malcom.

The Mann farm has a number of conservation practices applied. They include contour farming, contour stripcropping, conservation tillage (including no-till), conservation cropping, field borders, grassed waterways, terraces, structures, farm ponds and pasture plantings. Most of the conservation practices listed in the conservation compliance plan have already been applied.

Paul VanRoekel was selected as the 1993 Poweshiek County District winner in the Iowa Soil Conservation Awards contest in the Landlord-tenant Division. Paul VanRoekel operates the Miriam A. Freiter farm located 1 mile west of Ewart on County Road F46. VanRoekel has applied a number of conservation practices on this farm including conservation tillage (including no-till), field borders, grassed waterways and conservation cropping sequences. Most of the conservation practices listed in the conservation compliance plan have already been applied.

TRY SEDIMENT CONTROL BASINS WHERE TERRACES DON'T FIT

Terraces are well known for their soil-saving capabilities. But some fields have irregular slopes where terraces aren't practical. In those cases, a water and sediment control basin may be needed.

A water and sediment control basin is a short earthen dam built across a depression area. It acts similar to a terrace by trapping any sediment and water that run off farmland above it.

Basins improve water quality by trapping sediment on uplands and preventing it from reaching water bodies. They also reduce gully erosion by controlling water flow within a drainage area.

SCS usually designs water and sediment control basins that include tile outlets. The basins are designed to control the runoff from up to a 50-acre drainage area during a 10-year storm.