

DUNN DEALS IN CONSERVATION

FEBRUARY 2009 (2008 ANNUAL REPORT)

IMPORTANT DATES

2/16—Office Closed—George Washington's Birthday (Observed)

3/2—Regular Board meeting

4/6—Regular Board meeting



DISTRICT SUPERVISORS, Left to Right

Jim Danks, Supervisor

Gordon Kadrmaz, Supervisor

Larry Knudsvig, Chairman

Alex Lazorenko, Vice-Chairman

Casey Gjermundson, Supervisor

THANK YOU!

A special thank you to those of you who planted trees, purchased handplants, and soil tested with us! You have contributed to the success of the Dunn County Soil Conservation District.

~ Also to the following organizations and agencies:

- Dunn County Commissioners
 - Dakota West RC & D
 - ND Forest Service
 - ND Game and Fish
- Local and Federal Agencies: NRCS & FSA
 - NDSU Extension Service
 - Dunn County Herald
- Dunn County Water Resource Board
- US Fish and Wildlife Service



OFFICE STAFF

1st Row, Left to Right

Shannon McPherson, District Clerk

Ashley Ross, Soil Conservation Tech

Jolyn Wasem, District Tech

2nd Row, Left to Right

Suzi Tuhy, District Conservationist

Lee Gosline, Soil Conservation Tech

2008 Summary of Applied Practices

Soil Testing: 490 fields
 48,274.27 acres
 Pipelines: 86,164 feet
 Fence: 61,842 feet
 Spring Developments: 4
 Tanks: 36
 Wells: 6
 Ponds: 4
 No-till and Minimum till: 10,584 acres
 Nutrient Management: 12,584 acres
 Grass Seeding: 1,128 acres
 Tree Machine Plantings: 45,529 feet
 Wetland creation/restoration 1

EQIP: 23 Contracts
 29,089 Ac \$496,219.83

WHIP: 3 Contracts
 200 Ac \$11,713.63

Continuous CRP: 1 Contract
 1.5 Ac \$376

\$511,344 was paid out to producers in 2008 for installing conservation practices on their lands.

SOUTHWEST NORTH DAKOTA SOIL HEALTH DEMONSTRATION PLOT

In 2008 Dunn County SCD entered into an MOU with Western and Central Stark SCD, North Dakota State University Dickinson Research Extension Center and NRCS. **The purpose of this project is to demonstrate the impact a diverse crop rotation, which includes cover crops, can have on regulating the water cycle, sustaining plant and animal life, filtering and buffering organic and inorganic materials, and cycling nutrients. Plus, adoption of strategies to improve soil health by producers will improve water quality, make more efficient use of naturally occurring moisture, sequester atmospheric carbon dioxide, reduce energy intensive inputs that will reduce costs and increase profitability.**

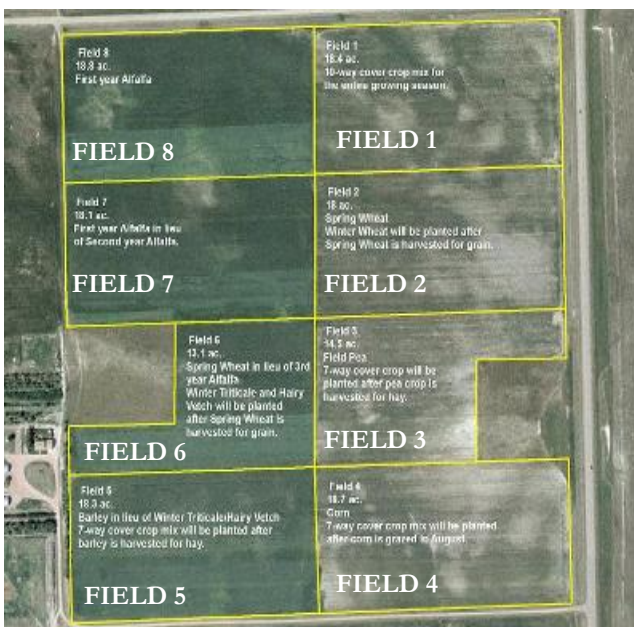
As you are well aware, there was little rain during the growing season last year. It was a difficult year to start this project, but we did have some crops that grew and we learned a lot about planting and growing cover crops.

Plot 1 was seeded into a 10 way cover crop mix and was not harvested, to provide as much ground cover as possible. Plot 2 was seeded into spring wheat, harvested and seeded into winter wheat. Half of the field was planted with turnips to see if any crop response can be measured next year. Plot 3 was seeded to peas, hayed off in early July, then seeded to a 7 way cover crop mix. The ground was too bare and dry for a successful stand. Another mix of lentils, radishes and turnips was seeded in September for ground cover and erosion prevention. Plot 4 was seeded to corn, grazed in August, then seeded to a cover crop at the end of August. Plot 5 was seeded to oats, hayed off in July, then seeded to a cover crop mix. The stand was not successful due to lack of cover and dry conditions. The field was seeded again with winter triticale and hairy vetch. Hoping the hairy vetch will be the cover crop for corn in 2009. Plot 6 was seeded to spring wheat, harvested, then seeded to winter triticale and hairy vetch. Plot 7 was seeded to alfalfa as well as Plot 8.

Weekly photos were taken of the plots to show growth activity and to help discussions at the management group meetings. Soil temperatures were also collected weekly. Infiltration tests were conducted. Soil sampling was done for fertility as well as the Soil Food Web Analysis.

For more information, you can contact our office or check out the website at www.swndsoilhealth.mandakzerotill.org. There is also a link to the site on our District web page at www.dunnscd.org

Having one year under out belts, we have strengthened our belief in the importance of residue to help keep soil temperatures cooler as well as retaining water. In 2009 we are working toward keeping a living root in the soil as long as possible and keeping the ground covered.





2008

THE YEAR IN REVIEW

JANUARY

SCD sponsored DDD Workshop
 Suzi, Jolyn & Shannon attended Burleigh County
 Soil Health Workshop in Bismarck
 Suzi was on a panel for NDSU Extension Service,
 Beef Day meeting
 Suzi and Jolyn attending training on Conservation
 Initiative Grant

FEBRUARY

SCD along with NRCS started working on
 Southwest North Dakota Soils Health project
 SCD and NRCS held a Soils Health Workshop in
 Killdeer

MARCH

Suzi and Lee attended Trimble GPS training in
 Dickinson
 SCD put on a grass drill demonstration
 Paula Warner resigned
 SCD started spring soil testing
 Shannon attended the annual Tree Promotional
 meeting in Bismarck

APRIL

SCD finished spring soil testing
 Towner trees arrived
 SCD participated in Soil Stewardship Week
 SCD honored Earth Team Volunteers at Hilltop
 Shannon attended QuickBooks training
 Lee, Suzi, and Jolyn attended Range Training
 Jolyn attended a tree workshop in Williston

MAY

Lincoln Oaks Trees arrived
 Shannon went on a field trip with Killdeer High's
 Advanced Biology Class
 SCD helped Killdeer High School purchase water
 test kits through the 319 program
 Ashley Ross started working at the Killdeer Field
 Office
 Tree planting season

JUNE

Killdeer Field Office hosted part of the National
 Civil Rights Tour (Lynch's Flint Quarries and the
 Killdeer Mountains)

Jolyn and Shannon attended Carbon Credit
 Verification Training in Dickinson
 Jolyn and Shannon attended a Riding Range Tour
 put on by Mercer County SCD
 Jolyn attended a tree workshop in Williston

JULY

SCD and NRCS put on a Soils Health Tour
 Jolyn and Ashley attended Trimble GPS training in
 Dickinson
 SWNDSH Demonstration and meeting

AUGUST

Killdeer Field Office 5% vegetative spot check
 SCD started fall soil testing
 Ashley attended Employee Orientation meeting
 Ashley attended NRCS Technical meeting

SEPTEMBER

SCD Annual Area V meeting was held at the
 SWNDSH demonstration plots
 Ashley and Lee attended range training
 Staff attended the Field Day at the SWNDSH
 Demonstration plots
 Jolyn attended tree training at Lincoln Oaks
 Nursery
 Jolyn completed carbon credit verifications

OCTOBER

SCD attended the first meeting with Mercer
 County SCD regarding the Spring Creek
 Watershed project

NOVEMBER

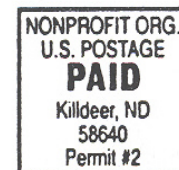
SCD attends the annual NDASCD Convention in
 Bismarck
 Alan and Gail Lynch are awarded the Layperson
 Award
 Russ and L'Nette Stein are awarded the Dunn
 County Achievement Award

DECEMBER

SCD finished fall soil testing

Dunn County SCD
PO Box 359
105 Rodeo Drive
Killdeer, ND 58640
www.Dunnscd.org

Dunn County SCD Supervisors
Chairmen—Larry Knudsvig
Vice Chairmen—Alex Lazorenko
Member—Gordon Kadrmas
Member—Jim Danks
Member—Casey Gjermundson



District Personnel:

District Clerk: Cara Lee

District Technician: Jolyn Wasem

NRCS Personnel:

District Conservationist: Suzi Tuhy

Soil Conservation Technician: Ashley Ross

Soil Conservation Technician: Lee Gosline

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All programs and services of the Dunn County Soil Conservation District are offered on a nondiscriminatory basis, without regard to race, color, national origin, religion, sex, marital status, or handicap.

THANK YOU TO OUR 2008 SPONSORS

PLEASE SUPPORT OUR 2009 SPONSORS

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