

CHAMPS

DeMeulenaere's win state honor for conservation



Wayne and Charlene DeMeulenaere, center, and sons Kraig (left) and Kevin (right) are the 2002 State Soil Conservation Award winners.

Looking to the future of the soil through conservation

TEXT and PHOTO
By JUDY SCHLESSELMAN

Years of hard work and investing in conservation measures have paid off for an Iowa County farm family who have been named the 2002 State Soil Conservation Award winner.

Wayne and Charlene DeMeulenaere, along with sons Kraig and Kevin, were selected from among nine regional winners recently honored by the Iowa Farm Bureau. They will receive their state award at the Conservation Districts of Iowa Annual Meeting in Marshalltown Nov. 20-21.

The DeMeulenaere's 440-acre grain and dairy operation near Hartwick employs Wayne and Kraig full-time. Kevin helps out part-time, also holding down a full-time job at the Archer Daniels Midland corn processing plant in Cedar Rapids.

"He'd rather be out here farming," Wayne said of Kevin, but with the way milk and grain prices are now, the operation simply couldn't support another family.

But the DeMeulenaeres look to the future and have worked hard to employ conservation measures which will allow the farm to remain profitable for generations to come. "We've spent some money for the future," said Charlene.

"We put in waterways and clay tile," to tackle erosion, said Wayne. They also installed 28 catch basins which trap and slowly release rainwater down the hillsides.

In addition to minimum and no-till planting, crops are planted on the contour to slow erosion and are rotated quite a bit. Some ground is disced only lightly.

The DeMeulenaere's take a strong stance in favor of seeding. "Seeding ground down

is the big conservation thing," Wayne stated. "How many people seed ground down anymore for hay?"

Other conservation practices include a 20-foot buffer beside creeks, narrow-base terraces, which protect 50 acres of cropland, and the planting of five acres of windbreaks. In addition, the family maintains a small wildlife habitat.

The DeMeulenaere's dairy operation includes 110-head of Holstein cows and about 30 head of stock cows. Ryon Etcher, a Belle Plaine High School senior and FFA member, helps out with the milking and calf feeding.

An 80 x 45 foot concrete basin which holds 200,000 gallons of manure was constructed two years ago for the dairy cows. "We've saved quite a little on fertilizer with this manure, if it's applied right," said Wayne. Soil testing is done

yearly to protect against over-application.

Wayne adds that due to manure problems, it is unusual for a dairy farmer to receive the top conservation award. Their basin, however, allows them to control the manure.

A hoop barn for the milking heifers was constructed a year and a half ago. The structure, which is cooler in the summer than other buildings, has brought with it an increase in milk production. "The cows like it," stated Wayne. "It's so high it's just like standing under a shade tree. There's always a nice breeze blowing through there."

As harvest continues, yields are looking great. Perfect weather and timely rains have produced 58 to 60 bushel soybeans and an expectation of over 200 bushel corn, DeMeulenaere stated. They also had four cuttings off their 100 acres of hay this season.



PHOTOS BY JOSEPH MURPHY

Top conservation farmers

Wayne and Charlene De Meulenaere, center, and their sons, Kraig, left, and Kevin, right, have been named Iowa's 2002 state soil conservation award winners. Their grain and dairy operation is fully protected against soil erosion. See a story and a list of regional award winners inside.



IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP

PATTY JUDGE
SECRETARY OF AGRICULTURE

September 24, 2002

Wayne and Charlene DeMeulenaere & Sons
1330 B Avenue
Hartwick, IA 52232

Dear Wayne and Charlene:

It is my pleasure to inform you that you have been selected to receive the state's highest level of the Farmer Division of the 2002 Iowa Soil Conservation Awards Program. You were selected as the top entry from among nine regional winners statewide. This awards program is sponsored by the Conservation Districts of Iowa, the State Soil Conservation Committee, the Iowa Farm Bureau Federation, and the Iowa Conservation Education Council. The Farmer Division of this program is sponsored to encourage better land use programs and environmental control on the farms in Iowa through recognition of family-operated farms or owner-operated farms.

Rick Robinson, Director of Environmental Affairs, Iowa Farm Bureau Federation, would like to present the award at the 56th Annual Conference for Soil and Water Conservation District Commissioners. The award ceremony will be held at 8:30 a.m. on Thursday, November 21, 2002 at the Best Western Regency Inn in Marshalltown.

We hope you will be with us for the awards presentation. If you are able to attend, we ask that you register and be seated near the speaker's platform in the front of the Regency Hall (look for place cards on the table) by 7:45 a.m. Two complimentary breakfast tickets will be available for you at the conference registration desk. Breakfast serving starts at 7:00 a.m. Please call Lori Brown at (515) 281-5258 by October 31 to reserve your tickets. If you do not contact us by then, your tickets will be released.

Congratulations on receiving this award! Please call if you have questions.

Sincerely,

A handwritten signature in black ink, appearing to read "David Strom".

David Strom, Field Representative
IDALS- Division of Soil Conservation

DS/lam

cc: Rick Robinson
Iowa SWCD
Mary Somerville, Commissioner, Region 7 Director
Bruce Trautman, Assistant State Conservation for Field Operations Area 5

Wayne and Charlene De Meulenaere and Sons
2002 State Conservation Award Winner

Slide Show Narrative

Slide #1 - Wayne and Charlene De Meulenaere and their sons Kraig and Kevin have a 440-acre grain and dairy farm in Iowa County located about 5 miles south of Belle Plaine.

Slide #2 - They milk 110 dairy cows with a rolling herd average of 22,000 pounds. They also have 40 stock cows, 35 heifers and 50 fat cattle. They use a concrete manure basin to store manure, which is applied to alfalfa and cropland according to a nutrient management plan. In this picture they are standing in a hoop building which they use as a free stall barn.

Slide #3 - The De Meulenaere's control soil on the cropland through the installation of 19 sediment basins, 12 acres of grass waterways, conservation tillage, no-till and the use of hayland rotations. They also use nutrient management and filter strips to help water quality. In this picture, one of the sediment basins is shown helping to control gully erosion.

Wayne and Charlene De Meulenaere
2002 Soil Conservation Award Winner

Web Site Narrative

Wayne and Charlene De Meulenaere have lived on their farm in Iowa County for over thirty-four years. "Its important to leave productive soil for the next generation" says Wayne. As the 2002 Soil Conservation Award winners, they will pass on well protected soil for their sons and partners Kevin and Kraig.

NRCS Success Story

Landowner Name: Wayne and Charlene DeMeulenaere and Sons
Address: 1330 B Ave.
Hartwick, IA 52232
Farm location: 5.5 miles south of Belle Plaine on Highway 21.
Telephone: 319-647-2135

acres in operation: 440

acres involved in conservation practices, systems: 400 acres

crops, acres: 280 acres corn and soybeans. 120 acres of hay in rotation.

Livestock, type, number: Dairy 135 cows, 40 stock cows, 35 heifers and 50 fat cattle.

Primary resource concerns: Soil Erosion, water quality, and livestock production.

Programs used: EQIP, State Cost Share Program.

Resource condition prior to practices/enrollment in programs: Soil Erosion (sheet and rill erosion in cropland). Ag waste storage problems. Limited nutrient and manure management.

Conservation practices in conservation plan installed:

- Terraces and basins 19 total
- Conservation Tillage and no-till 150 acres
- Grass Waterways 12 acres
- Nutrient Management 160 acres
- Livestock Waste Management (400 acres)
- Farmstead windbreak
- Grass Filter Strips

Benefits/Results: Reduce soil erosion through the application of basins, terraces, waterways and conservation tillage. Improve water quality through use of nutrient management, manure management and soil erosion practices. **Named District and Region 7 award winner by the Conservation Districts of Iowa, in August 2002.**

Additional Information and Contacts

District Conservationist: Steven J. Johnston
NRCS office address: 435 N. Highland
City, State and Zip: Williamsburg, IA 52361
NRCS Phone Number: 319-668-2359
NRCS Fax Number: 319-668-9004

August 2002

Former run-down farm wins conservation award

By Dale Johnson

When Wayne De Meulenaere talks about his farm today, it's with a great deal of pride.

Thirty-four years ago, the farm was run-down with eroding topsoil. Today, the land is highly productive, and soil erosion and water runoff are controlled.

Wayne and Charlene De Meulenaere of Hartwick, and their sons, Kraig and Kevin, are Iowa's 2002 State Soil Conservation Award winners. The De Meulenaeres have slashed soil erosion to less than 5 tons per acre, according to the U.S. Natural Resources Conservation Service (NRCS), a level that doesn't deplete the soil fertility.

"We have slopes on fields ranging from 5-14 percent and it's easy to get losses over 10-15 tons per acre," says Steve Johnston, district conservationist with the NRCS. "They've done a lot of work."

Judges selected the De Meulenaeres as state winners from a group of nine regional winners. The regional winners are being honored by the Iowa Farm Bureau, marking the 27th year the organization has honored farmers for their efforts.

Regional awards will be presented at local ceremonies and the state award will be presented at the Conservation Districts of Iowa annual meeting Nov. 20-21 in Marshalltown.

Care for the land

The De Meulenaere run a family dairy and grain operation.

it's important to leave productive soil for the next generation.

"We need to pay attention to it," he states. "I've got two boys who want to farm, and maybe two of their boys who want to farm." They also have three daughters.

Kraig, 34, is active full-time in the operation while Kevin, 35, helps out part-time. He works at the Archer Daniels Midland corn processing plant in Cedar Rapids, but would come home to farm in a heartbeat if profitability was greater. Low grain and milk prices won't enable the 440-acre farm to support three families, says Wayne.

"We put in clay tile and waterways. We also seeded a lot of ground down for hay and pasture that we rotate every four or five years," says Wayne.

Planting crops on the contour, plus the use of minimum and no-till planting, is practiced to help slow water. Some fields receive only a light disking that leaves 50 percent of the corn residue and 20 percent of the soybean residue.

To stop gullies and erosion, they installed 28 catch basins to capture and slowly release rainfall. They start at the top and build several basins where needed down the hillside.

Their conservation efforts extend to other practices, including 50 acres of cropland protected with narrow-base terraces, a 20-foot buffer beside creeks, installation of 1,000 feet of grassed waterways in the past four years, planting of 5 acres of windbreak and construction of a manure

ation. They also have a small wildlife habitat.

Nutrient plans

The De Meulenaeres milk 110-head of Holstein dairy cows with a rolling herd average of 22,000 pounds. They also have 30 head of stock cows.

To fully utilize nutrients from the dairy herd to apply to crops, and to protect water quality, they designed and built on their own a concrete manure holding basin.

The basin is 80 x 45 feet and holds about 200,000 gallons of manure. Manure is surface-applied to alfalfa and to crop ground where it's incorporated. "We soil test every year so that we don't over-apply manure," Kraig points out.

"We've seen a lot of fertility increase using the manure; it's a natural fertilizer," Wayne adds.

"My corn yields this year will be about the best ever—180-200 bushels per acre for corn and about 55 bushels per acre for soybeans. We had perfect weather this summer with timely rains. We've been lucky."

The De Meulenaeres feed most of their corn to their dairy cows. Fifty of their 230 acres of corn will be chopped as silage and about 20 acres will be picked on the ear and ground to feed their replacement heifers. The heifers are overseen by Ryon Etcher, a Belle Plain FFA Chapter member. Soybeans are roasted and cracked and added to the dairy cow rations.

They also constructed a hoop



PHOTO BY JOSEPH MURPHY

Kevin and Kraig De Meulenaere say their dairy cows like the hoop structure.

for their milking heifers. The structure is cooler in the summer than other buildings, resulting in a slight increase in milk.

Regional winners

Following are the 2002 regional soil conservation award winners:

Region 1—Gilbert Greenfield of Sibley, He and Leanne farm 150.5 acres in Osceola County where he's using conservation tillage, terracing and also has planted trees. He leaves 20 percent residue cover on soybean stubble and 40 percent residue on cornstalks.

Region 2—Duncan and Lillian Campbell of Belmond have installed waterways, planted trees, created wildlife food plots, seeded filter strips along water bodies, restored a wetland, planted a windbreak and protected a streambank. They also widely use conservation tillage.

Region 3—Ted and Kim Junker of New

more than 1,000 acres of cropland have installed grassed waterways, built 13 acres of terraces and planted 10.6 acres of windbreaks, 23 acres of trees created 22 acres of wildlife habitat.

Region 4—This winner of a 1,893-acre farm is operated by Richard and Dan Bockens of Greeley in Delaware County. Conservation tillage is used on 796 acres. They have 687 acres of planned grazing and utilize nutrient and pest management on 865 acres. They have acres terraced and 109 acres of wildlife habitat.

Region 5—The Avondale Ranch of Orient, operated by Douglas Laughery. Practices include contour planting on 226 acres and 407 acres planted using conservation tillage 50 acres of strip cropping, 9.7 acres of grassed waterways, 45 acres protected by terraces, 6 farm ponds, field borders and a windbreak.

Region 6—The 681-acre farm of Kevin and Kraig De Meulenaere of Ball of Lacona in Warren County. Plants 123 acres using conservation tillage, plants on the contour, has acres protected with terraces, seeded 44.3 acres of filter strips, created an acre wildlife habitat and utilizes nutrient management.

Region 7—Wayne and Charlene Meulenaere and Sons farms of Hartwick.

Region 8—Idle Family Farms, operated by Monty Idle, of Shannon City. Conservation tillage (239 acres) and contouring (156 acres) are the key elements in conservation. He also has terraced fields, ponds, field borders and 3 acres of filter strips, plus 46 acres of wildlife habitat.

Region 9—Rick Mar Farms, Inc. of Fairfield, 850 acres. The farm is operated by Doug Adam of Hedrick. No-till mulch till and contour planting are widely used on more than 500 acres. Terraces help protect 160 acres of cropland, plus the farm has 12 acres of grassed waterways, 15 acres of tree plantings, 15 acres of

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2002 Iowa Soil Conservation Awards Program

Division I-Family Operated Farms

**Submitted by
Iowa County Soil And Water Conservation District**

For

**Wayne and Charlene De Meulenaere and Sons
Iowa County, IA**

The De Meulenaere's own 440 acres and rent 160 acres in Honey Creek and Hartford townships, in Iowa County. They farm with their 2 sons Kraig and Kevin. They have a 120 head dairy operation and 35 head of beef cows. They utilize a lot of meadow rotation along with conservation tillage, contour farming, grassed waterways, terraces/basins and waste management systems.

IOWA SOIL CONSERVATION AWARDS PROGRAM SCORE CARD

7

Owner's Name: Wayne & CharleneOperator's Name: sameAddress: De Meulenaere & Sons
1330 B Avenue

Address: _____

Hartwick, IA 522321-319-647-2135Acres in Farm: 440 acres

Acres in Farm: _____

Summary of Score

	Max. Score	Entry Score
1. Land adequately treated	400	<u>400</u>
2. Conservation practices accomplished	300	<u>300</u>
3. Community service	200	<u>110</u>
4. General farm husbandry	100	<u>100</u>
Total Farm Score		<u>910</u>

Soil and Water Conservation District Judging Committee

Signatures	Title	District	Date
<i>Larry Kiger</i>	Commissioner	Iowa	5/21/02
<i>Doug Falcetta</i>	Commissioner	Iowa	5/21/02
<i>Alfred C. Radin</i>	Commissioner	Iowa	5/21/02
<i>John Blosser Yoder</i>	Commissioner	Iowa	5/21/02

Note: Judges at all levels have the latitude to choose the entry they feel is most deserving of the award. This may not be the entry with the highest score in all cases. The conservation work done by one individual may be more complex than another's for instance.

<i>Doris Neitman</i>	Commissioner	Iowa	5/21/02
<i>Scilla Stevenson</i>	Assistant Commissioner	Iowa	5/21/02

Section 1. Land Adequately TreatedScore 400

Score 4 points for every percent of land adequately treated. The conservation plan must accompany your entry. Land adequately treated must meet district soil loss limits.

Section 2. Conservation Practices Accomplished

Practice	Unit	Units Needed	Units Applied *	Unit Score	Points
Contouring (this year's acreage)	acres	<u>60</u>	<u>60</u>	1/2	<u>30</u>
Stripcropping	acres (1)	<u>0</u>	<u>0</u>	1	<u>0</u>
Waterways	acres	<u>12.1</u>	<u>12.1</u>	2	<u>24</u>
Terrace	acres (2)	<u>19</u>	<u>19</u>	1	<u>19</u>
Tree Planting	acres	<u>0</u>	<u>0</u>	2	<u>0</u>
Diversions	miles	<u>0</u>	<u>0</u>	10	<u>0</u>
Farm Ponds	each	<u>0</u>	<u>0</u>	10	<u>0</u>
Miscellaneous Structures	each	<u>1</u>	<u>1</u>	10	<u>10</u>
Conservation Tillage	acres (3)	<u>150</u>	<u>150</u>	1	<u>150</u>
Planned Grazing System	acres	<u>0</u>	<u>0</u>	3	<u>0</u>
Pasture Planning	acres	<u>20</u>	<u>20</u>	2	<u>40</u>
Field Borders	acres	<u>1</u>	<u>1</u>	2	<u>2</u>
Filter Strips (along streams, sinkholes, etc.)	acres	<u>0</u>	<u>0</u>	2	<u>0</u>
Wildlife Habitat Development	acres	<u>2</u>	<u>2</u>	2	<u>4</u>
Wetland Development	acres	<u>0</u>	<u>0</u>	5	<u>0</u>
Nutrient Management	acres	<u>160</u>	<u>160</u>	1/2	<u>80</u>
Waste Management	acres	<u>422</u>	<u>422</u>	1/2	<u>211</u>
Pest Management	acres	<u>0</u>	<u>0</u>	1/2	<u>0</u>
Windbreaks	acres	<u>5</u>	<u>5</u>	5	<u>25</u>
Woodland Management Plan	acres	<u>0</u>	<u>0</u>	2	<u>0</u>

Section 2 Total Score (300 Maximum)

300

* Multiply "units applied" by "unit score" for points column. "Units needed" is for judges information. No limit by individual practice; but 300 maximum for section.

1. Where credit is taken for contour strip cropping, do not report same acres contoured. Includes contour buffer strips.
2. Acres protected by terraces. Where fields are both terraced and contour strip cropped, give full credit for terraces and three-fourths credit for strip cropping.
3. Include map of farm showing fields where practice used. Indicate type of tillage system.

Section 3. Community ServiceScore 110

A narrative is required here to substantiate points on Sections A, B and C. Space provided below. If landlord-tenant division is entered in regional competition, only the landlord or the tenant's activities may be used, but not both. Please designate.

- A. Service on SWCD Committees (10 points per committee) (Max. 70) 20
List committees and explain duties

Active leader in the Honey Creek Watershed installing over 20 terraces/basins, shaped waterways, installed an Ag Waste Storage Facility, and planted a Farmstead Windbreak.

The DeMuelenaeres have done a lot of promoting of conservation practices and have brought in a lot of neighbors to signup for the SWCD's Cost-share programs.

- B. Other conservation activities (Max. 60) 50
Describe and score 10 points each

Charlene DeMuelenaere, Board of Directors, Iowa Co. Beef Producers
Wayne DeMuelenaere, Board of Directors, Iowa Co. Beef Producers
Dairy Improvement Herd Associations, DHIA
Wayne DeMuelenaere, Farm Bureau Member
Charlene DeMuelenaere, Auxiliary Farm Bureau Member

- C. Community Activities (All family members) (Max. 70) 40
Describe and score 10 points for each. List community service activities and point out offices held, etc. and other positions of responsibility for active participation.

Charlene DeMuelenaere, Board of Directors St. Michaels Church, Belle Plaine, IA
Charlene DeMuelenaere, Teaches Catechesis at St. Michaels Church
Wayne DeMuelenaere, Member Knights of Columbus, Belle Plaine
Wayne DeMuelenaere, Board of Directors, Citizens Bank & Trust, Belle Plaine, IA

Section 4. General Farm Husbandry (100 points)Score 100

The District Judging Committee will give consideration to general farm appearance, weed control, fences, efforts to control sold wastes, wildlife areas, etc., in making selection of winners and may add up to 100 points to the farm score to reflect their findings. Record observations.

Section 4. General Farm Husbandry (General Comments)

-Farmstead. The farmstead is in excellent conditions. All farm buildings are in good shape. The farmstead windbreak, which was installed in 1993 looks good, weeds and grass around the trees are being controlled.

-Solid Waste. All manure from buildings are cleaned daily and pushed into sediment basins. The basins are cleaned weekly and manure hauled to different fields according to soil tests. All manure is applied according a Nutrient Management Plan.

-Crop fields. All waterways are in with good seedings. All narrow base terraces have good seedings with good weed control. The HEL fields are at least 1/3 seeded down. The NHEL or creek bottoms fields are farmed more intensively with row crops. Conservation tillage for all crop fields 50% residue for corn stalks and 20% for soybean stubble.

-Other Areas. All fences are in fair to good conditions. A 15'-20' buffer has been left along both sides of creeks in crop fields.

In past 4 years, with cost-share and technical assistance the DeMuelenaere's have installed 21 basin/terraces, 1000 foot of grassed waterway, farmstead windbreak, and 1 manure sediment basin.

This is a detailed street map of the Washington, Iowa area. The map shows a grid of streets with various labels for streets and landmarks. The map is titled "WASHINGTON, IOWA" at the top center. The map includes a coordinate system with letters A through V along the bottom and numbers 1000 through 3300 along the left side. The map shows a grid of streets with various labels for streets and landmarks. The map is titled "WASHINGTON, IOWA" at the top center.

CONSERVATION PLAN

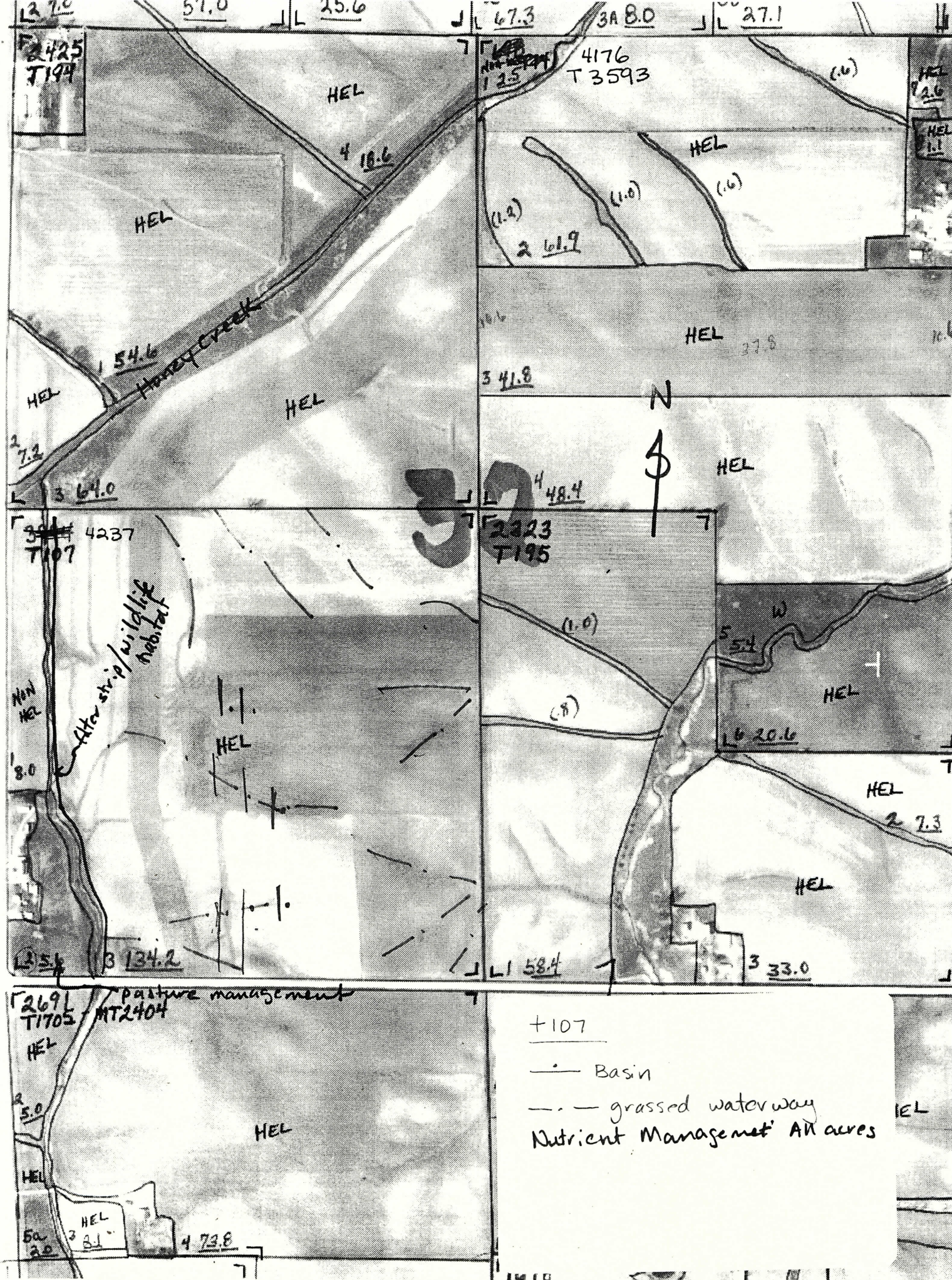
Client: DeMeulenaere, Wayne
 Assisted By: Rob Sproat

Wayne Demeulenaere

LAND UNITS		PLANNED			PLANNED CONSERVATION TREATMENT	
TRACT	FIELD	AMOUNT	MONTH	YEAR		
					CROP	
0107	3	134.2Ac			A CROP ROTATION of corn corn oat meadow meadow will be used on these fields. Grass is planted with the meadow. The following CONSERVATION TILLAGE system will be used: Meadow is spring plowed. Corn stalks are spring tilled leaving at least 40% of the ground covered by residue after planting corn and oats. GRASSED WATERWAYS and CRITICAL AREA SEEDINGS are required as shown on the conservation plan map.	
0107	3	HEL*	134.2ac	04	1993	CONSERVATION CROP ROTATION
						Grow crops in a planned rotation for biodiversity and to provide adequate amounts of organic material for erosion reduction, nutrient balance and sustained soil organic matter.
0107	3	HEL*	134.2ac	04	1993	CONSERVATION TILLAGE
						Any tillage and planting system that maintains at least 30 percent of the soil surface covered by residue after planting to reduce soil erosion by water; or where soil erosion by wind is the primary concern, maintains at least 1000 pounds of flat small grain residue equivalent on the surface during the critical erosion period. To reduce soil erosion by wind and water, help maintain or develop good soil tilth and efficient moisture utilization, and provide food and cover for wildlife.
0107	3	HEL*	2.5ac	04	1994	GRASSED WATERWAY
						Shape a natural or constructed channel and establish adapted vegetation for the stable conveyance of runoff water.
0107	3	HEL*	2400.0ft	04	1998	UNDERGROUND OUTLET
						Install a subsurface pipe to collect and safely convey surface water to a suitable outlet.
0107	3	HEL*	2.0no	04	1998	WATER AND SEDIMENT CONTROL BASIN
						Install a structure(s) across the slope to trap sediment and detain water for safe release.

EL Fields marked as HEL are highly erodible fields.

EL* Reapplication of this conservation practice on this highly erodible field is required for compliance with the Food Security Act of 1985 See the Conservation Plan for details about first time application.



CONSERVATION PLAN

Client: DeMeulenaere, Wayne

Wayne DeMeulenaere

Assisted By: Rob Sproat

LAND UNITS		PLANNED			PLANNED CONSERVATION TREATMENT
TRACT	FIELD	AMOUNT	MONTH	YEAR	
					CROP
0155	1, 2, 5, 6, 7, 4	106.5Ac			A CROP ROTATION of corn corn soybeans oat meadow meadow meadow will be used on these fields. Grass is planted with the meadow. All planting and tillage operations will be performed ACROSS THE SLOPE (with a predominant row grade of 6%). The following CONSERVATION TILLAGE system will be used: Meadow is spring plowed. Corn stalks are tilled leaving at least 40% of the ground covered by residue after planting corn and soybeans. Soybean stubble is spring tilled leaving at least 20% of the ground covered by residue after planting oats. GRASSED WATERWAYS are required as shown on the conservation plan map. ROTATION FOR THESE FIELDS ARE TYPICALLY A CCOMM ROTATION - THE BEANS WERE ADDED TO PROVIDE SOME PLANTING FLEXIBILITY. WILL NOT PLAN ON ROW CROPPING MORE THAN 3 YEARS IN SUCCESSION. ALSO, DOES MOSTLY SPRING TILLAGE.
155	1 HEL*	26.0ac	04	1992	CONSERVATION CROP ROTATION
	2 HEL*	12.1ac	04	1992	ON Ct SOILS NEXT TO THE DRAWS, MAY USE A CORN BEAN ROTATION WITH MINIMUM TILLAGE.
	1 HEL*	4.0ac	04	1990	
	1 HEL*	21.7ac	04	1990	
	5 HEL*	10.7ac	04	1989	
	6 HEL*	17.1ac	04	1988	
	7 HEL*	4.9ac	04	1990	
155	1 HEL*	26.0ac	04	1994	CONSERVATION TILLAGE
	2 HEL*	12.1ac	04	1993	SEE THE CONSERVATION SYSTEM NARRATIVE FOR THE RESIDUE LEVEL TO MAINTAIN AT PLANTING.
	1 HEL*	4.0ac	04	1990	
	1 HEL*	21.7ac	04	1990	
	5 HEL*	10.7ac	04	1989	
	6 HEL*	17.1ac	04	1993	
	7 HEL*	4.9ac	04	1991	
155	1 HEL*	26.0ac	04	1990	CONTOUR FARMING
	2 HEL*	12.1ac	04	1990	
	1 HEL*	4.0ac	04	1990	
	1 HEL*	21.7ac	04	1990	
	5 HEL*	10.7ac	04	1990	
	6 HEL*	17.1ac	04	1990	
	7 HEL*	4.9ac	04	1990	
155	1 HEL*	1.1ac	04	1994	GRASSED WATERWAY
	2 HEL*	0.5ac	04	1993	
	1 HEL*	0.2ac	04	1990	
	1 HEL*	1.1ac	04	1990	

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EL* Reapplication of this conservation practice on this highly erodible field is required for compliance with the Food Security Act of 1985. See the Conservation Plan for details about first time application.

CONSERVATION PLAN

Client: DeMeulenaere, Wayne

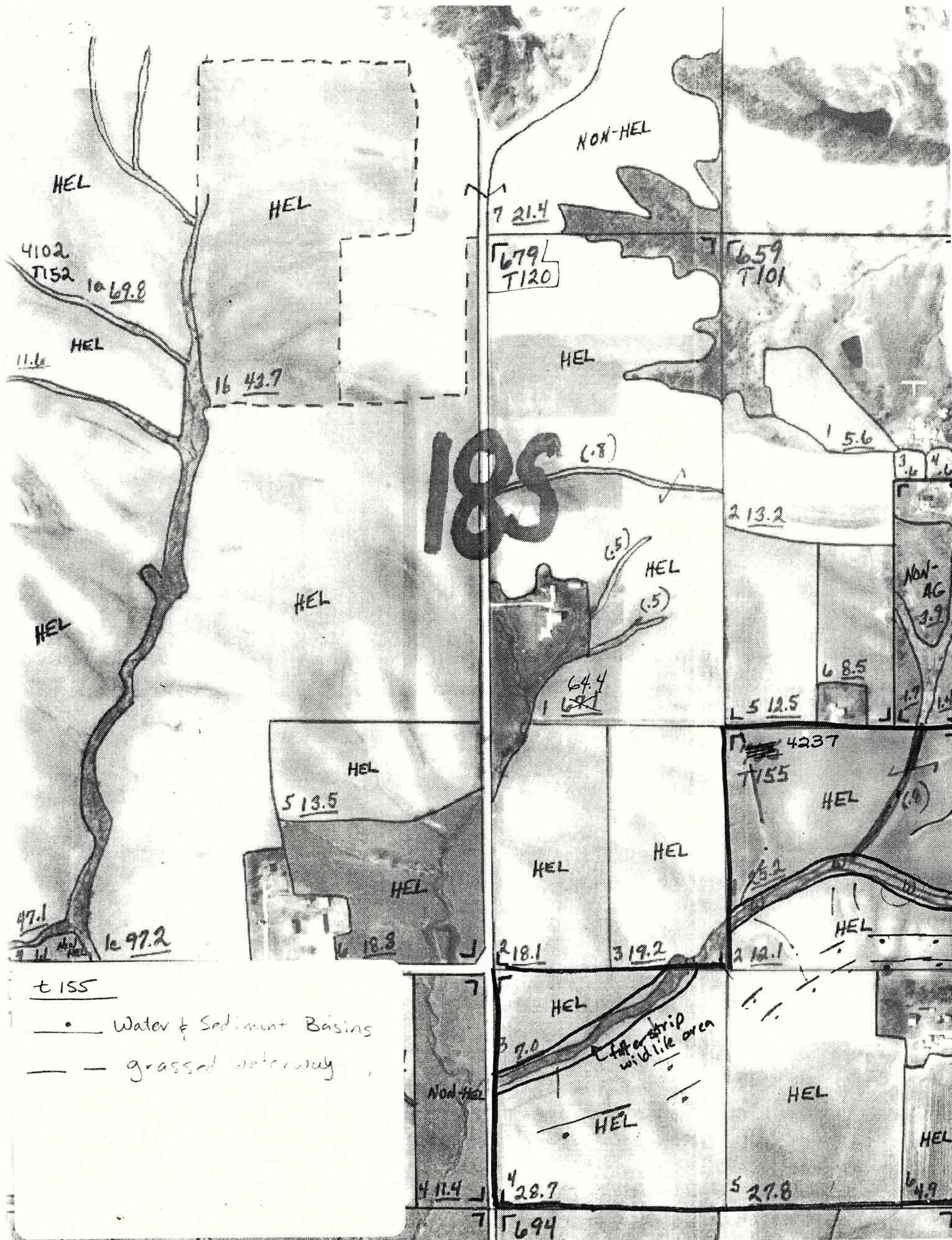
Wayne DeMeulenaere

Assisted By: Rob Sproat

LAND UNITS		PLANNED			PLANNED CONSERVATION TREATMENT
TRACT	FIELD	AMOUNT	MONTH	YEAR	
	5	HEL*	0.4ac	04	1994
	6	HEL*	1.3ac	04	1994
155	2	HEL*	1600.0ft	06	1998 UNDERGROUND OUTLET
	4	HEL*	2000.0ft	11	1998
	5	HEL*	500.0ft	10	1999
155	2	HEL*	4.0no	06	1998 WATER AND SEDIMENT CONTROL BASIN
	4	HEL*	4.0no	11	1998
	5	HEL*	5.0no	10	1999

Fields marked as HEL are highly erodible fields.

Reapplication of this conservation practice on this highly erodible field is required for compliance with the Food Security Act of 1985. See the Conservation Plan for details about first time application.



CONSERVATION PLAN

Client: DeMeulenaere, Wayne
 Assisted By: Rob Sproat

LAND UNITS		PLANNED			PLANNED CONSERVATION TREATMENT
TRACT	FIELD	AMOUNT	MONTH	YEAR	
					CROP
0111	2, 3, 4, 1A, 1B, un	159.7ac			A CROP ROTATION of corn-bean-corn-oat-meadow-meadow will be used on these fields. Grass is planted with the meadow. The following CONSERVATION TILLAGE system will be used: Meadow is spring plowed. Corn stalks are spring tilled leaving at least 40% of the ground covered by residue after planting corn and oats. GRASSED WATERWAYS are required as shown on the conservation plan map.
0111	2 HEL*	4.1ac	04	1992	CONSERVATION CROP ROTATION
	3 HEL*	20.8ac	04	1992	Grow crops in a planned rotation for biodiversity and to provide adequate amounts of organic material for erosion reduction, nutrient balance and sustained soil organic matter.
	4 HEL*	36.6ac	04	1992	
	1A	40.1ac	04	1992	
	1B	42.7ac	04	1992	
0111	2 HEL*	4.1ac	04	1992	CONSERVATION TILLAGE
	3 HEL*	20.8ac	04	1992	Any tillage and planting system that maintains at least 30 percent of the soil surface covered by residue after planting to reduce soil erosion by water; or where soil erosion by wind is the primary concern, maintains at least 1000 pounds of flat small grain residue equivalent on the surface during the critical erosion period.
	4 HEL*	36.6ac	04	1992	To reduce soil erosion by wind and water, help maintain or develop good soil tilth and efficient moisture utilization, and provide food and cover for wildlife.
	1A	40.1ac	04	1992	
	1B	42.7ac	04	1992	
0111	2 HEL*	1.0ac	04	1992	GRASSED WATERWAY
	3 HEL*	1.0ac	04	1992	Shape a natural or constructed channel and establish adapted vegetation for the stable conveyance of runoff water.
	4 HEL*	1.0ac	04	1992	
	1A	1.0ac	04	1992	
	1B	1.0ac	04	1992	
0111	2 HEL*	4.1ac	10	1997	NUTRIENT MANAGEMENT
	2 HEL*	4.1ac	10	1998	Manage the amount, form, placement and timing of plant nutrient application.
	2 HEL*	4.1ac	10	1999	
	2 HEL*	4.1ac	10	2000	
	3 HEL*	20.8ac	10	1997	
	3 HEL*	20.8ac	10	1998	
	3 HEL*	20.8ac	10	1999	
	3 HEL*	20.8ac	10	2000	
	4 HEL*	36.6ac	10	1997	
	4 HEL*	36.6ac	10	1998	
	4 HEL*	36.6ac	10	1999	
	4 HEL*	36.6ac	10	2000	
	1A	40.1ac	10	1997	

EL Fields marked as HEL are highly erodible fields.

EL* Reapplication of this conservation practice on this highly erodible field is required for compliance with the Food Security Act of 1985. See the Conservation Plan for details about first time application.

CONSERVATION PLAN

Client: DeMeulenaere, Wayne
 Assisted By: Rob Sproat

Wayne DeMeulenaere

LAND UNITS		PLANNED			PLANNED CONSERVATION TREATMENT
TRACT	FIELD	AMOUNT	MONTH	YEAR	
	1A	40.1ac	10	1998	
	1A	40.1ac	10	1999	
	1A	40.1ac	10	2000	
	1B	42.7ac	10	1997	
	1B	42.7ac	10	1998	
	1B	42.7ac	10	1999	
	1B	42.7ac	10	2000	
0111	un	1.0no	10	1997	WASTE MANAGEMENT SYSTEM
					Install all planned components for managing liquid and/or solid waste.
0111	un	1.0no	10	1997	WASTE STORAGE FACILITY
					Install a facility to store liquid and/or solid waste on a temporary basis.
0111	un	400.0ft	04	1993	WINDBREAK/SHELTERBELT ESTABLISHMENT

Fields marked as HEL are highly erodible fields.

* Reapplication of this conservation practice on this highly erodible field is required for compliance with the Food Security Act of 1985. See the Conservation Plan for details about first time application.

