

LAND TREATMENT PRACTICES

Land Treatment Practices Overview

Land treatment practices are to be applied to fields to limit the potential for runoff or other hazardous incidents from occurring due to land application of manure. As part of this element of the CNMP, the RUSLE2 program was run for each of the fields indicated in the plan. The results of RUSLE2 are outlined in the following RUSLE2 reports.

Current Management Practices for Fields in CNMP

The cropland utilized in this CNMP will be in a corn-soybean, continuous corn, or corn-soybean-wheat rotation. Due to slope of fields most all fields need to minimally tilled in order to meet tolerable soil loss levels. All fields were run using RUSLE2 as outlined below. More comprehensive RUSLE2 reports can also be found in the printed reports on the following pages.

Land Treatment Practices Current & Planned

Nutrient Management – Code 590 – Animal manures and commercial fertilizer will be applied to land to help meet crop nutrient needs. Soil testing, manure analysis, and record keeping will be performed. (*current & planned- All Fields*)

Waste Utilization – Code 633 - Animal manures will be applied to land in an environmentally acceptable manner to maintain or improve soil, air, water, and plant resources. (*current & planned – All Fields*)

Manure Transfer – Code 634 – Manure will be conveyed using structures, conduit, or equipment in order to transfer manure through a hopper, reception pit, pump, conduit, or hauling equipment to a manure storage facility, loading area, or to agricultural land for final utilization. (*current –& planned – drag hose with injection system*)

Residue Management – Code 329A – Land will be managed so as to distribute crops and residues over the soil surface year-round, and crops will be planted in narrow slots, or tilled residue strips previously untilled by full-width inversion implements to reduce sheet & rill erosion, wind erosion, maintain soil organic matter & tilth, conserve soil moisture, manage snow to increase plant available moisture, reduce plant damage from freezing, and to provide food & cover for wildlife. (*current & planned – All fields – all fields will be minimally tilled*)

Predicted Soil Erosion

Operation: Strout Crossing, LLC
Plan File: strout crossing8-25-11.mmp
Plan Folder: S:\ProjectFiles\2011\11-105\CNMP\CNMP PDF - Revised 8-26-11
County: Pike
State: Illinois
Crop Years: 2011-2015
 9/8/2010

Plan Saved: 9/27/2011
Init. File Rev: 5/21/2008
Soils File Rev: 2011-2015

Field	Predominant Soil Type	Slope (%)	Wind (Ton/Ac/Yr)	Irrigation (Ton/Ac/Yr)	Gully (Ton/Ac/Yr)	Ephemeral (Ton/Ac/Yr)	Plan Avg. Soil Loss (Ton/Ac/Yr)
J2	3333A (Wakeland SIL)	1.0					1.1
J3	8217A (Twomile SIL)	1.0					0.9
J4	3333A (Wakeland SIL)	1.0					1.1
J5	3333A (Wakeland SIL)	1.0					1.1
51A	3333A (Wakeland SIL)	1.0					0.8
52A-G	477B (Winfield SIL)	3.5					2.7
51 AA-HH	79C2 (Menfro SIL)	7.5					4.6
53 AA-DD	3475A (Elsah GR-L)	1.0					0.6
55 A-F	9279C2 (Rozetta SIL)	7.5					4.6
53 A-P	79D2 (Menfro SIL)	14.0					3.2
54 A-E	79C2 (Menfro SIL)	7.5					1.6
59 A-D	79C2 (Menfro SIL)	7.5					1.6
58 A-E	79D2 (Menfro SIL)	14.0					3.0
A12	79C2 (Menfro SIL)	7.5					4.5
A2	79C2 (Menfro SIL)	7.5					4.5
A8	79D2 (Menfro SIL)	14.0					3.4
A10	79D2 (Menfro SIL)	14.0					3.4
A9	79D2 (Menfro SIL)	14.0					3.4
Bradshaw A	477B (Winfield SIL)	3.5					4.0
Bradshaw B	477B (Winfield SIL)	3.5					4.0
Bradshaw C	477C2 (Winfield SIL)	7.5					4.9
Bradshaw D	477B (Winfield SIL)	3.5					4.0

Field	Crop Year	Starting Date (mm/dd/yyyy)	Ending Date (mm/dd/yyyy)	Soil Loss (Ton/Ac)	Primary Crop
J2	2011	10/21/2010	10/5/2011	0.7	Soybean

Predicted Soil Erosion

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Soils File Rev: 2011-2015

Field	Crop Year	Starting Date (mm/dd/yyyy)	Ending Date (mm/dd/yyyy)	Soil Loss (Ton/Ac)	Primary Crop
	2012	10/6/2011	10/20/2012	2.0	Corn
	2013	10/21/2012	10/20/2013	0.9	Corn
	2014	10/21/2013	10/20/2014	0.8	Corn
	2015	10/21/2014	10/20/2015	0.8	Corn
J3	2011	10/21/2010	10/20/2011	0.8	Corn
	2012	10/21/2011	10/20/2012	0.8	Corn
	2013	10/21/2012	10/20/2013	0.9	Corn
	2014	10/21/2013	10/20/2014	0.8	Corn
	2015	10/21/2014	10/20/2015	0.9	Corn
J4	2011	10/21/2010	10/5/2011	0.7	Soybean
	2012	10/6/2011	10/20/2012	2.2	Corn
	2013	10/21/2012	10/20/2013	0.9	Corn
	2014	10/21/2013	10/20/2014	0.9	Corn
	2015	10/21/2014	10/20/2015	0.9	Corn
J5	2011	10/21/2010	10/5/2011	0.7	Soybean
	2012	10/6/2011	10/20/2012	2.2	Corn
	2013	10/21/2012	10/20/2013	0.9	Corn
	2014	10/21/2013	10/20/2014	0.9	Corn
	2015	10/21/2014	10/20/2015	0.9	Corn
51A	2011	10/21/2010	7/1/2011	0.2	Wheat
	2012	7/2/2011	10/20/2012	1.3	Corn
	2013	10/21/2012	10/20/2013	0.8	Corn
	2014	10/21/2013	10/20/2014	0.8	Corn
	2015	10/21/2014	10/20/2015	0.9	Corn
52A-G	2011	10/21/2010	7/1/2011	0.7	Wheat
	2012	7/2/2011	10/20/2012	4.5	Corn
	2013	10/21/2012	10/20/2013	2.6	Corn

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	2014	10/21/2013	10/20/2014	2.8	Corn
	2015	10/21/2014	10/20/2015	2.9	Corn
51 AA-HH	2011	7/2/2010	10/20/2011	7.3	Corn
	2012	10/21/2011	7/1/2012	1.0	Wheat
	2013	7/2/2012	10/20/2013	7.0	Corn
	2014	10/21/2013	10/20/2014	4.2	Corn
	2015	10/21/2014	10/20/2015	4.7	Corn
53 AA-DD	2011	7/2/2010	10/20/2011	1.0	Corn
	2012	10/21/2011	7/1/2012	0.2	Wheat
	2013	7/2/2012	10/20/2013	1.0	Corn
	2014	10/21/2013	10/20/2014	0.6	Corn
	2015	10/21/2014	10/20/2015	0.6	Corn
55 A-F	2011	7/2/2010	10/20/2011	7.4	Corn
	2012	10/21/2011	7/1/2012	0.9	Wheat
	2013	7/2/2012	10/20/2013	6.9	Corn
	2014	10/21/2013	10/20/2014	3.9	Corn
	2015	10/21/2014	10/20/2015	4.6	Corn
53 A-P	2011	10/21/2010	7/1/2011	0.7	Wheat
	2012	7/2/2011	10/20/2012	4.8	Corn
	2013	10/21/2012	10/20/2013	4.0	Corn
	2014	10/21/2013	10/20/2014	2.9	Corn
	2015	10/21/2014	10/20/2015	3.7	Corn
54 A-E	2011	10/2/2010	10/1/2011	1.7	Grass
	2012	10/2/2011	10/1/2012	1.7	Grass
	2013	10/2/2012	10/1/2013	1.5	Grass
	2014	10/2/2013	10/1/2014	1.6	Grass
	2015	10/2/2014	10/1/2015	1.7	Grass

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59 A-D	2011	10/2/2010	10/1/2011	1.7	Grass
	2012	10/2/2011	10/1/2012	1.7	Grass
	2013	10/2/2012	10/1/2013	1.5	Grass
	2014	10/2/2013	10/1/2014	1.6	Grass
	2015	10/2/2014	10/1/2015	1.7	Grass
58 A-E	2011	10/2/2010	10/1/2011	3.1	Grass
	2012	10/2/2011	10/1/2012	3.1	Grass
	2013	10/2/2012	10/1/2013	2.7	Grass
	2014	10/2/2013	10/1/2014	2.9	Grass
	2015	10/2/2014	10/1/2015	3.0	Grass
A12	2011	7/2/2010	10/20/2011	6.5	Corn
	2012	10/21/2011	7/1/2012	1.0	Wheat
	2013	7/2/2012	10/20/2013	6.9	Corn
	2014	10/21/2013	10/20/2014	4.3	Corn
	2015	10/21/2014	10/20/2015	4.6	Corn
A2	2011	7/2/2010	10/20/2011	6.5	Corn
	2012	10/21/2011	7/1/2012	1.0	Wheat
	2013	7/2/2012	10/20/2013	6.9	Corn
	2014	10/21/2013	10/20/2014	4.3	Corn
	2015	10/21/2014	10/20/2015	4.6	Corn
A8	2011	7/2/2010	10/20/2011	4.5	Corn
	2012	10/21/2011	7/1/2012	0.8	Wheat
	2013	7/2/2012	10/20/2013	4.7	Corn
	2014	10/21/2013	10/20/2014	3.7	Corn
	2015	10/21/2014	10/20/2015	4.5	Corn
A10	2011	7/2/2010	10/20/2011	4.5	Corn
	2012	10/21/2011	7/1/2012	0.8	Wheat

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Field	Crop Year	Starting Date (mm/dd/yyyy)	Ending Date (mm/dd/yyyy)	Soil Loss (Ton/Ac)	Primary Crop
	2013	7/2/2012	10/20/2013	4.7	Corn
	2014	10/21/2013	10/20/2014	3.7	Corn
	2015	10/21/2014	10/20/2015	4.5	Corn
A9	2011	7/2/2010	10/20/2011	4.5	Corn
	2012	10/21/2011	7/1/2012	0.8	Wheat
	2013	7/2/2012	10/20/2013	4.7	Corn
	2014	10/21/2013	10/20/2014	3.7	Corn
	2015	10/21/2014	10/20/2015	4.5	Corn
Bradshaw A	2011	10/21/2010	10/5/2011	2.3	Soybean
	2012	10/6/2011	10/20/2012	9.3	Corn
	2013	10/21/2012	10/20/2013	3.0	Corn
	2014	10/21/2013	10/20/2014	2.7	Corn
	2015	10/21/2014	10/20/2015	2.7	Corn
Bradshaw B	2011	10/21/2010	10/5/2011	2.3	Soybean
	2012	10/6/2011	10/20/2012	9.3	Corn
	2013	10/21/2012	10/20/2013	3.0	Corn
	2014	10/21/2013	10/20/2014	2.7	Corn
	2015	10/21/2014	10/20/2015	2.7	Corn
Bradshaw C	2011	10/21/2010	10/5/2011	3.6	Soybean
	2012	10/6/2011	10/20/2012	9.4	Corn
	2013	10/21/2012	10/20/2013	4.1	Corn
	2014	10/21/2013	10/20/2014	3.8	Corn
	2015	10/21/2014	10/20/2015	3.7	Corn
Bradshaw D	2011	10/21/2010	10/5/2011	2.3	Soybean
	2012	10/6/2011	10/20/2012	9.3	Corn
	2013	10/21/2012	10/20/2013	3.0	Corn
	2014	10/21/2013	10/20/2014	2.7	Corn

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2011-2015 **Soils File Rev:**

Field	Crop Year	Starting Date (mm/dd/yyyy)	Ending Date (mm/dd/yyyy)	Soil Loss (Ton/Ac)	Primary Crop
	2015	10/21/2014	10/20/2015	2.7	Corn

Information About RUSLE2 Soil Loss

Field: Bradshaw A
Operation: Strout Crossing, LLC
Plan File: S:\ProjectFiles\2011\11-105\CNMP\CNMP PDF - Revised 8-26-11\strout crossing8-25-11.mmp **Last Saved:** 9/26/2011*
RUSLE2 Database: S:\ProjectFiles\2011\11-105\CNMP\CNMP PDF - Revised 8-26-11\New folder\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing8-25-11.mmp\Bradshaw A
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing8-25-11.mmp\Bradshaw A

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 477B Winfield silt loam, 2 to 5 percent slopes\Winfield silt loam 90%
Slope: 3.5%
Slope Length: 250 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
11/01/2009	Chisel, sweep shovel			
04/25/2010	Cultivator, field 6-12 in sweeps			
05/01/2010	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2010	Harvest, killing crop 50pct standing stubble			4886 lbs
05/10/2011	Drill or air seeder single disk openers 7-10 in spac.	Soybean, mw 7in rows	60 bu	
10/05/2011	Harvest, killing crop 20pct standing stubble			1617 lbs
10/06/2011	Manure injector, liquid high disturb.30 inch		default	2168 lbs
11/01/2011	Chisel, sweep shovel			
04/25/2012	Cultivator, field 6-12 in sweeps			
05/01/2012	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2012	Harvest, killing crop 50pct standing stubble			4886 lbs
11/01/2012	Chisel, sweep shovel			
04/25/2013	Cultivator, field 6-12 in sweeps			

Field: Bradshaw A
Operation: Strout Crossing, LLC
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RUSLE2 Database: S:\ProjectFiles\2011\11-105\CNMP\CNMP PDF - Revised 8-26-11\New folder\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing8-25-11.mmp\Bradshaw A
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing8-25-11.mmp\Bradshaw A

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
09/15/2013	Manure injector, liquid high disturb.30 inch		default	2168 lbs
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs
11/01/2013	Chisel, sweep shovel			
04/25/2014	Cultivator, field 6-12 in sweeps			
05/01/2014	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2014	Harvest, killing crop 50pct standing stubble			4886 lbs
11/01/2014	Chisel, sweep shovel			
04/25/2015	Cultivator, field 6-12 in sweeps			
05/01/2015	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2015	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2015	Manure injector, liquid high disturb.30 inch		default	1835 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	10/21/2010	10/05/2011	2.3	Soybean
2012	10/06/2011	10/20/2012	9.3	Corn
2013	10/21/2012	10/20/2013	3.0	Corn
2014	10/21/2013	10/20/2014	2.7	Corn
2015	10/21/2014	10/20/2015	2.7	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: Bradshaw B
Operation: Strout Crossing, LLC
Plan File: S:\ProjectFiles\2011\11-105\CNMP\CNMP PDF - Revised 8-26-11\strout crossing8-25-11.mmp **Last Saved:** 9/26/2011*
RUSLE2 Database: S:\ProjectFiles\2011\11-105\CNMP\CNMP PDF - Revised 8-26-11\New folder\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing8-25-11.mmp\Bradshaw B
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Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 477B Winfield silt loam, 2 to 5 percent slopes\Winfield silt loam 90%
Slope: 3.5%
Slope Length: 250 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
11/01/2009	Chisel, sweep shovel			
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10/05/2011	Harvest, killing crop 20pct standing stubble			1617 lbs
10/06/2011	Manure injector, liquid high disturb.30 inch		default	2168 lbs
11/01/2011	Chisel, sweep shovel			
04/25/2012	Cultivator, field 6-12 in sweeps			
05/01/2012	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2012	Harvest, killing crop 50pct standing stubble			4886 lbs
11/01/2012	Chisel, sweep shovel			
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11/01/2014	Chisel, sweep shovel			
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05/01/2015	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2015	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2015	Manure injector, liquid high disturb.30 inch		default	1835 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

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2012	10/06/2011	10/20/2012	9.3	Corn
2013	10/21/2012	10/20/2013	3.0	Corn
2014	10/21/2013	10/20/2014	2.7	Corn
2015	10/21/2014	10/20/2015	2.7	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: Bradshaw C
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Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing8-25-11.mmp\Bradshaw C

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 477C2 Winfield silt loam, 5 to 10 percent slopes, eroded\Winfield silt loam 90%
Slope: 7.5%
Slope Length: 125 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

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05/01/2010	Planter, double disk opnr	Corn, grain	180 bushels	
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05/10/2011	Drill or air seeder single disk openers 7-10 in spac.	Soybean, mw 7in rows	60 bu	
10/05/2011	Harvest, killing crop 20pct standing stubble			1617 lbs
10/06/2011	Manure injector, liquid high disturb.30 inch		default	2168 lbs
05/01/2012	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2012	Harvest, killing crop 50pct standing stubble			4886 lbs
04/25/2013	Cultivator, field 6-12 in sweeps			
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
09/15/2013	Manure injector, liquid high disturb.30 inch		default	2168 lbs
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs
05/01/2014	Planter, double disk opnr	Corn, grain	180 bushels	

Field: Bradshaw C
Operation: Strout Crossing, LLC
Plan File: S:\ProjectFiles\2011\11-105\CNMP\CNMP PDF - Revised 8-26-11\strout crossing8-25-11.mmp **Last Saved:** 9/27/2011
RUSLE2 Database: S:\ProjectFiles\2011\11-105\CNMP\CNMP PDF - Revised 8-26-11\New folder\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing8-25-11.mmp\Bradshaw C
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing8-25-11.mmp\Bradshaw C

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
10/20/2014	Harvest, killing crop 50pct standing stubble			4886 lbs
04/25/2015	Cultivator, field 6-12 in sweeps			
05/01/2015	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2015	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2015	Manure injector, liquid high disturb.30 inch		default	1835 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	10/21/2010	10/05/2011	3.6	Soybean
2012	10/06/2011	10/20/2012	9.4	Corn
2013	10/21/2012	10/20/2013	4.1	Corn
2014	10/21/2013	10/20/2014	3.8	Corn
2015	10/21/2014	10/20/2015	3.7	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: Bradshaw D
Operation: Strout Crossing, LLC
Plan File: S:\ProjectFiles\2011\11-105\CNMP\CNMP PDF - Revised 8-26-11\strout crossing8-25-11.mmp **Last Saved:** 9/26/2011*
RUSLE2 Database: S:\ProjectFiles\2011\11-105\CNMP\CNMP PDF - Revised 8-26-11\New folder\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing8-25-11.mmp\Bradshaw D
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing8-25-11.mmp\Bradshaw D

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 477B Winfield silt loam, 2 to 5 percent slopes\Winfield silt loam 90%
Slope: 3.5%
Slope Length: 250 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
11/01/2009	Chisel, sweep shovel			
04/25/2010	Cultivator, field 6-12 in sweeps			
05/01/2010	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2010	Harvest, killing crop 50pct standing stubble			4886 lbs
05/10/2011	Drill or air seeder single disk openers 7-10 in spac.	Soybean, mw 7in rows	60 bu	
10/05/2011	Harvest, killing crop 20pct standing stubble			1617 lbs
10/06/2011	Manure injector, liquid high disturb.30 inch		default	2168 lbs
11/01/2011	Chisel, sweep shovel			
04/25/2012	Cultivator, field 6-12 in sweeps			
05/01/2012	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2012	Harvest, killing crop 50pct standing stubble			4886 lbs
11/01/2012	Chisel, sweep shovel			
04/25/2013	Cultivator, field 6-12 in sweeps			

Field: Bradshaw D
Operation: Strout Crossing, LLC
Plan File: S:\ProjectFiles\2011\11-105\CNMP\CNMP PDF - Revised 8-26-11\strout crossing8-25-11.mmp **Last Saved:** 9/26/2011*
RUSLE2 Database: S:\ProjectFiles\2011\11-105\CNMP\CNMP PDF - Revised 8-26-11\New folder\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing8-25-11.mmp\Bradshaw D
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing8-25-11.mmp\Bradshaw D

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
09/15/2013	Manure injector, liquid high disturb.30 inch		default	2168 lbs
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs
11/01/2013	Chisel, sweep shovel			
04/25/2014	Cultivator, field 6-12 in sweeps			
05/01/2014	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2014	Harvest, killing crop 50pct standing stubble			4886 lbs
11/01/2014	Chisel, sweep shovel			
04/25/2015	Cultivator, field 6-12 in sweeps			
05/01/2015	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2015	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2015	Manure injector, liquid high disturb.30 inch		default	1835 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	10/21/2010	10/05/2011	2.3	Soybean
2012	10/06/2011	10/20/2012	9.3	Corn
2013	10/21/2012	10/20/2013	3.0	Corn
2014	10/21/2013	10/20/2014	2.7	Corn
2015	10/21/2014	10/20/2015	2.7	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: 51 AA-HH
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\51 AA-HH
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\51 AA-HH

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 79C2 Menfro silt loam, 5 to 10 percent slopes, eroded\Menfro silt loam 90%
Slope: 7.5%
Slope Length: 125 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
10/21/2009	Drill or airseeder, double disk, w/ fluted coulters	Wheat, winter 7in rows	60 bushels	
07/01/2010	Harvest, killing crop 50pct standing stubble			2890 lbs
11/01/2010	Chisel, sweep shovel			
04/25/2011	Cultivator, field 6-12 in sweeps			
05/01/2011	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2011	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2011	Drill or airseeder, double disk, w/ fluted coulters	Wheat, winter 7in rows	60 bushels	
07/01/2012	Harvest, killing crop 50pct standing stubble			2890 lbs
07/02/2012	Manure spreader, liquid		default	2635 lbs
11/01/2012	Chisel, sweep shovel			
04/25/2013	Cultivator, field 6-12 in sweeps			
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Field: 51 AA-HH
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\51 AA-HH
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\51 AA-HH

Last Saved: 3/1/2011

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	07/02/2010	10/20/2011	6.0	Corn
2012	10/21/2011	07/01/2012	0.9	Wheat
2013	07/02/2012	10/20/2013	6.2	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: 51A
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\51A
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\51A

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 3333A Wakeland silt loam, 0 to 2 percent slopes, frequently flooded\Wakeland silt loam 90%
Slope: 1%
Slope Length: 100 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
11/01/2009	Chisel, sweep shovel			
04/25/2010	Cultivator, field 6-12 in sweeps			
05/01/2010	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2010	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2010	Drill or airseeder, double disk, w/ fluted coulters	Wheat, winter 7in rows	60 bushels	
07/01/2011	Harvest, killing crop 50pct standing stubble			2890 lbs
07/02/2011	Manure spreader, liquid		default	2349 lbs
11/01/2011	Chisel, sweep shovel			
04/25/2012	Cultivator, field 6-12 in sweeps			
05/01/2012	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2012	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2012	Manure spreader, liquid		default	2585 lbs
11/01/2012	Chisel, sweep shovel			

Field: 51A
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\51A
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\51A

Last Saved: 3/1/2011

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
04/25/2013	Cultivator, field 6-12 in sweeps			
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	10/21/2010	07/01/2011	0.2	Wheat
2012	07/02/2011	10/20/2012	1.2	Corn
2013	10/21/2012	10/20/2013	0.7	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: 52A-G
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\52A-G
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\52A-G

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 477B Winfield silt loam, 2 to 5 percent slopes\Winfield silt loam 90%
Slope: 3.5%
Slope Length: 250 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
11/01/2009	Chisel, sweep shovel			
04/25/2010	Cultivator, field 6-12 in sweeps			
05/01/2010	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2010	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2010	Drill or airseeder, double disk, w/ fluted coulters	Wheat, winter 7in rows	60 bushels	
03/15/2011	Manure spreader, liquid		default	1668 lbs
07/01/2011	Harvest, killing crop 50pct standing stubble			2890 lbs
10/25/2011	Manure spreader, liquid		default	2602 lbs
11/01/2011	Chisel, sweep shovel			
04/25/2012	Cultivator, field 6-12 in sweeps			
05/01/2012	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2012	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2012	Manure spreader, liquid		default	2569 lbs

Field: 52A-G
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\52A-G
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\52A-G

Last Saved: 3/1/2011

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
11/01/2012	Chisel, sweep shovel			
04/25/2013	Cultivator, field 6-12 in sweeps			
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	10/21/2010	07/01/2011	0.6	Wheat
2012	07/02/2011	10/20/2012	3.9	Corn
2013	10/21/2012	10/20/2013	2.4	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: 53 AA-DD
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\53 AA-DD
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\53 AA-DD

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 3475A Elsah gravelly loam, 0 to 2 percent slopes, frequently flooded\Elsah gravelly loam 90%
Slope: 1%
Slope Length: 100 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
10/21/2009	Drill or airseeder, double disk, w/ fluted coulters	Wheat, winter 7in rows	60 bushels	
07/01/2010	Harvest, killing crop 50pct standing stubble			2890 lbs
11/01/2010	Chisel, sweep shovel			
04/25/2011	Cultivator, field 6-12 in sweeps			
05/01/2011	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2011	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2011	Drill or airseeder, double disk, w/ fluted coulters	Wheat, winter 7in rows	60 bushels	
07/01/2012	Harvest, killing crop 50pct standing stubble			2890 lbs
07/02/2012	Manure spreader, liquid		default	2635 lbs
11/01/2012	Chisel, sweep shovel			
04/25/2013	Cultivator, field 6-12 in sweeps			
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Field: 53 AA-DD
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\53 AA-DD
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\53 AA-DD

Last Saved: 3/1/2011

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	07/02/2010	10/20/2011	0.9	Corn
2012	10/21/2011	07/01/2012	0.2	Wheat
2013	07/02/2012	10/20/2013	0.9	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: 53 A-P
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\53 A-P
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\53 A-P

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 79D2 Menfro silt loam, 10 to 18 percent slopes, eroded\Menfro silt loam 90%
Slope: 14%
Slope Length: 75 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
05/01/2010	<i>Planter, double disk opnr</i>	<i>Corn, grain</i>	180 bushels	
10/20/2010	<i>Harvest, killing crop 50pct standing stubble</i>			4886 lbs
10/21/2010	Drill or airseeder, double disk, w/ fluted coulters	Wheat, winter 7in rows	60 bushels	
07/01/2011	Harvest, killing crop 50pct standing stubble			2890 lbs
07/02/2011	Manure spreader, liquid		default	2635 lbs
05/01/2012	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2012	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2012	Manure spreader, liquid		default	2583 lbs
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field: 53 A-P
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\53 A-P
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\53 A-P

Last Saved: 3/1/2011

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	10/21/2010	07/01/2011	0.3	Wheat
2012	07/02/2011	10/20/2012	1.9	Corn
2013	10/21/2012	10/20/2013	0.8	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: 54 A-E
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\54 A-E
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\54 A-E

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 79C2 Menfro silt loam, 5 to 10 percent slopes, eroded\Menfro silt loam 90%
Slope: 7.5%
Slope Length: 125 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
04/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
05/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
06/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
08/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
10/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, senesc to regrowth	1.5 ton	
04/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
05/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	

Field: 54 A-E
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\54 A-E
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\54 A-E

Last Saved: 3/1/2011

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
06/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
08/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
10/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, senesc to regrowth	1.5 ton	
03/15/2012	Manure spreader, liquid		default	2002 lbs
04/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
05/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
06/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/02/2012	Manure spreader, liquid		default	1668 lbs
08/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
10/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, senesc to regrowth	1.5 ton	
04/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
04/02/2013	Manure spreader, liquid		default	1668 lbs
05/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
06/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/02/2013	Manure spreader, liquid		default	2111 lbs
08/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after	0.5 ton	

Field: 54 A-E
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\54 A-E
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\54 A-E

Last Saved: 3/1/2011

<i>Date</i> <i>mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
		grazing		
10/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, senesc to regrowth	1.5 ton	

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date</i> <i>mm/dd/yyyy</i>	<i>Ending Date</i> <i>mm/dd/yyyy</i>	<i>Soil Loss</i> <i>Tons/Acre</i>	<i>Crop(s)</i>
2011	10/02/2010	10/01/2011	1.6	Grass
2012	10/02/2011	10/01/2012	1.2	Grass
2013	10/02/2012	10/01/2013	1.0	Grass

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: 55 A-F
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\55 A-F
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\55 A-F

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 9279C2 Rozetta silt loam, terrace, 5 to 10 percent slopes, eroded\Rozetta silt loam 90%
Slope: 7.5%
Slope Length: 125 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
10/21/2009	Drill or airseeder, double disk, w/ fluted coulters	Wheat, winter 7in rows	60 bushels	
07/01/2010	Harvest, killing crop 50pct standing stubble			2890 lbs
11/01/2010	Chisel, sweep shovel			
03/15/2011	Manure spreader, liquid		default	2635 lbs
04/25/2011	Cultivator, field 6-12 in sweeps			
05/01/2011	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2011	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2011	Drill or airseeder, double disk, w/ fluted coulters	Wheat, winter 7in rows	60 bushels	
07/01/2012	Harvest, killing crop 50pct standing stubble			2890 lbs
07/02/2012	Manure spreader, liquid		default	2619 lbs
11/01/2012	Chisel, sweep shovel			
04/25/2013	Cultivator, field 6-12 in sweeps			
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	

Field: 55 A-F
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\55 A-F
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\55 A-F

Last Saved: 3/1/2011

<i>Date</i> <i>mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material</i> <i>Added/Removed</i>
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date</i> <i>mm/dd/yyyy</i>	<i>Ending Date</i> <i>mm/dd/yyyy</i>	<i>Soil Loss</i> <i>Tons/Acre</i>	<i>Crop(s)</i>
2011	07/02/2010	10/20/2011	6.0	Corn
2012	10/21/2011	07/01/2012	0.9	Wheat
2013	07/02/2012	10/20/2013	6.2	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: 58 A-E
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\58 A-E
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\58 A-E

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 79D2 Menfro silt loam, 10 to 18 percent slopes, eroded\Menfro silt loam 90%
Slope: 14%
Slope Length: 75 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
04/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
05/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
06/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
08/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
10/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, senesc to regrowth	1.5 ton	
04/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
05/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	

Field: 58 A-E
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\58 A-E
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\58 A-E

Last Saved: 3/1/2011

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
06/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
08/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
10/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, senesc to regrowth	1.5 ton	
03/15/2012	Manure spreader, liquid		default	2502 lbs
04/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
05/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
06/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/02/2012	Manure spreader, liquid		default	1668 lbs
08/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
10/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, senesc to regrowth	1.5 ton	
04/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
04/02/2013	Manure spreader, liquid		default	1668 lbs
05/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
06/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
08/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	

Field: 58 A-E
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\58 A-E
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\58 A-E

Last Saved: 3/1/2011

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
08/02/2013	Manure spreader, liquid		default	1668 lbs
10/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, senesc to regrowth	1.5 ton	

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	10/02/2010	10/01/2011	2.9	Grass
2012	10/02/2011	10/01/2012	2.1	Grass
2013	10/02/2012	10/01/2013	2.1	Grass

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: 59 A-D
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\59 A-D
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\59 A-D

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 79C2 Menfro silt loam, 5 to 10 percent slopes, eroded\Menfro silt loam 90%
Slope: 7.5%
Slope Length: 125 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
04/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
05/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
06/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
08/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
10/01/2010	Graze, continuous overgrazing	Grass, cool season pasture, senesc to regrowth	1.5 ton	
04/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
05/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	

Field: 59 A-D
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\59 A-D
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\59 A-D

Last Saved: 3/1/2011

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
06/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/02/2011	Manure spreader, liquid		default	1668 lbs
08/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
10/01/2011	Graze, continuous overgrazing	Grass, cool season pasture, senesc to regrowth	1.5 ton	
03/15/2012	Manure spreader, liquid		default	2002 lbs
04/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
05/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
06/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/02/2012	Manure spreader, liquid		default	1668 lbs
08/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
10/01/2012	Graze, continuous overgrazing	Grass, cool season pasture, senesc to regrowth	1.5 ton	
04/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
04/02/2013	Manure spreader, liquid		default	1668 lbs
05/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
06/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
07/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after grazing	0.5 ton	
08/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, regrowth after	0.5 ton	

Field: 59 A-D
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\59 A-D
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\59 A-D

Last Saved: 3/1/2011

<i>Date</i> <i>mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
		grazing		
08/02/2013	Manure spreader, liquid		default	1668 lbs
10/01/2013	Graze, continuous overgrazing	Grass, cool season pasture, senesc to regrowth	1.5 ton	

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date</i> <i>mm/dd/yyyy</i>	<i>Ending Date</i> <i>mm/dd/yyyy</i>	<i>Soil Loss</i> <i>Tons/Acre</i>	<i>Crop(s)</i>
2011	10/02/2010	10/01/2011	1.4	Grass
2012	10/02/2011	10/01/2012	1.1	Grass
2013	10/02/2012	10/01/2013	1.1	Grass

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: A10
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\A10
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\A10

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 79D2 Menfro silt loam, 10 to 18 percent slopes, eroded\Menfro silt loam 90%
Slope: 14%
Slope Length: 75 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
10/21/2009	<i>Drill or airseeder, double disk, w/ fluted coulters</i>	<i>Wheat, winter 7in rows</i>	60 bushels	
07/01/2010	<i>Harvest, killing crop 50pct standing stubble</i>			2890 lbs
11/15/2010	Manure spreader, liquid		default	295 lbs
05/01/2011	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2011	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2011	<i>Drill or airseeder, double disk, w/ fluted coulters</i>	<i>Wheat, winter 7in rows</i>	60 bushels	
07/01/2012	<i>Harvest, killing crop 50pct standing stubble</i>			2890 lbs
07/02/2012	Manure spreader, liquid		default	2635 lbs
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field: A10
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\A10
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\A10

Last Saved: 3/1/2011

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	07/02/2010	10/20/2011	2.5	Corn
2012	10/21/2011	07/01/2012	0.6	Wheat
2013	07/02/2012	10/20/2013	2.5	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: A12
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\A12
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\A12

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 79C2 Menfro silt loam, 5 to 10 percent slopes, eroded\Menfro silt loam 90%
Slope: 7.5%
Slope Length: 125 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
10/21/2009	Drill or airseeder, double disk, w/ fluted coulters	Wheat, winter 7in rows	60 bushels	
07/01/2010	Harvest, killing crop 50pct standing stubble			2890 lbs
11/01/2010	Chisel, sweep shovel			
12/15/2010	Manure spreader, liquid		default	679 lbs
03/15/2011	Manure spreader, liquid		default	1955 lbs
04/25/2011	Cultivator, field 6-12 in sweeps			
05/01/2011	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2011	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2011	Drill or airseeder, double disk, w/ fluted coulters	Wheat, winter 7in rows	60 bushels	
07/01/2012	Harvest, killing crop 50pct standing stubble			2890 lbs
07/02/2012	Manure spreader, liquid		default	2619 lbs
11/01/2012	Chisel, sweep shovel			
04/25/2013	Cultivator, field 6-12 in sweeps			

Field: A12
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\A12
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\A12

Last Saved: 3/1/2011

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	07/02/2010	10/20/2011	6.1	Corn
2012	10/21/2011	07/01/2012	0.9	Wheat
2013	07/02/2012	10/20/2013	6.2	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: A2
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\A2
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\A2

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 79C2 Menfro silt loam, 5 to 10 percent slopes, eroded\Menfro silt loam 90%
Slope: 7.5%
Slope Length: 125 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
10/21/2009	Drill or airseeder, double disk, w/ fluted coulters	Wheat, winter 7in rows	60 bushels	
07/01/2010	Harvest, killing crop 50pct standing stubble			2890 lbs
10/31/2010	Manure injector, liquid high disturb.30 inch		default	2635 lbs
11/01/2010	Chisel, sweep shovel			
04/25/2011	Cultivator, field 6-12 in sweeps			
05/01/2011	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2011	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2011	Drill or airseeder, double disk, w/ fluted coulters	Wheat, winter 7in rows	60 bushels	
07/01/2012	Harvest, killing crop 50pct standing stubble			2890 lbs
07/02/2012	Manure spreader, liquid		default	2619 lbs
11/01/2012	Chisel, sweep shovel			
04/25/2013	Cultivator, field 6-12 in sweeps			
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	

Field: A2
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\A2
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\A2

Last Saved: 3/1/2011

<i>Date</i> <i>mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material</i> <i>Added/Removed</i>
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date</i> <i>mm/dd/yyyy</i>	<i>Ending Date</i> <i>mm/dd/yyyy</i>	<i>Soil Loss</i> <i>Tons/Acre</i>	<i>Crop(s)</i>
2011	07/02/2010	10/20/2011	6.8	Corn
2012	10/21/2011	07/01/2012	0.9	Wheat
2013	07/02/2012	10/20/2013	6.2	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: A8
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\A8
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\A8

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 79D2 Menfro silt loam, 10 to 18 percent slopes, eroded\Menfro silt loam 90%
Slope: 14%
Slope Length: 75 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
10/21/2009	<i>Drill or airseeder, double disk, w/ fluted coulters</i>	<i>Wheat, winter 7in rows</i>	60 bushels	
07/01/2010	<i>Harvest, killing crop 50pct standing stubble</i>			2890 lbs
11/15/2010	Manure spreader, liquid		default	1864 lbs
05/01/2011	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2011	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2011	Manure spreader, liquid		default	600 lbs
10/21/2011	Drill or airseeder, double disk, w/ fluted coulters	Wheat, winter 7in rows	60 bushels	
07/01/2012	Harvest, killing crop 50pct standing stubble			2890 lbs
07/02/2012	Manure spreader, liquid		default	2619 lbs
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field: A8
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\A8
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\A8

Last Saved: 3/1/2011

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	07/02/2010	10/20/2011	2.4	Corn
2012	10/21/2011	07/01/2012	0.5	Wheat
2013	07/02/2012	10/20/2013	2.4	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: A9
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\A9
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\A9

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 79D2 Menfro silt loam, 10 to 18 percent slopes, eroded\Menfro silt loam 90%
Slope: 14%
Slope Length: 75 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
10/21/2009	<i>Drill or airseeder, double disk, w/ fluted coulters</i>	<i>Wheat, winter 7in rows</i>	60 bushels	
07/01/2010	<i>Harvest, killing crop 50pct standing stubble</i>			2890 lbs
11/15/2010	Manure injector, liquid high disturb.30 inch		default	1346 lbs
05/01/2011	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2011	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2011	<i>Drill or airseeder, double disk, w/ fluted coulters</i>	<i>Wheat, winter 7in rows</i>	60 bushels	
07/01/2012	<i>Harvest, killing crop 50pct standing stubble</i>			2890 lbs
07/02/2012	Manure spreader, liquid		default	2619 lbs
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field: A9
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\A9
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\A9

Last Saved: 3/1/2011

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	07/02/2010	10/20/2011	4.4	Corn
2012	10/21/2011	07/01/2012	1.0	Wheat
2013	07/02/2012	10/20/2013	3.5	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: J2
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\J2
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\J2

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 3333A Wakeland silt loam, 0 to 2 percent slopes, frequently flooded\Wakeland silt loam 90%
Slope: 1%
Slope Length: 100 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
11/01/2009	Chisel, sweep shovel			
04/25/2010	Cultivator, field 6-12 in sweeps			
05/01/2010	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2010	Harvest, killing crop 50pct standing stubble			4886 lbs
05/10/2011	Drill or air seeder single disk openers 7-10 in spac.	Soybean, mw 7in rows	60 bu	
10/05/2011	Harvest, killing crop 20pct standing stubble			1617 lbs
10/31/2011	Manure injector, liquid high disturb.30 inch		default	2152 lbs
11/01/2011	Chisel, sweep shovel			
04/25/2012	Cultivator, field 6-12 in sweeps			
05/01/2012	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2012	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2012	Manure injector, liquid high disturb.30 inch		default	2585 lbs
11/01/2012	Chisel, sweep shovel			

Field: J2
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\J2
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\J2

Last Saved: 3/1/2011

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
04/25/2013	Cultivator, field 6-12 in sweeps			
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	10/21/2010	10/05/2011	0.7	Soybean
2012	10/06/2011	10/20/2012	2.2	Corn
2013	10/21/2012	10/20/2013	0.9	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: J3
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\J3
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\J3

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 8217A Twomile silt loam, 0 to 2 percent slopes, occasionally flooded\Twomile silt loam 90%
Slope: 1%
Slope Length: 100 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
11/01/2009	Chisel, sweep shovel			
04/25/2010	Cultivator, field 6-12 in sweeps			
05/01/2010	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2010	Harvest, killing crop 50pct standing stubble			4886 lbs
10/31/2010	Manure injector, liquid high disturb.30 inch		default	2375 lbs
11/01/2010	Chisel, sweep shovel			
04/25/2011	Cultivator, field 6-12 in sweeps			
05/01/2011	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2011	Harvest, killing crop 50pct standing stubble			4886 lbs
10/31/2011	Manure injector, liquid high disturb.30 inch		default	2585 lbs
11/01/2011	Chisel, sweep shovel			
04/25/2012	Cultivator, field 6-12 in sweeps			
05/01/2012	Planter, double disk opnr	Corn, grain	180 bushels	

Field: J3
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\J3
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\J3

Last Saved: 3/1/2011

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
10/20/2012	Harvest, killing crop 50pct standing stubble			4886 lbs
11/01/2012	Chisel, sweep shovel			
04/24/2013	Manure injector, liquid high disturb.30 inch		default	2550 lbs
04/25/2013	Cultivator, field 6-12 in sweeps			
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	10/21/2010	10/20/2011	0.8	Corn
2012	10/21/2011	10/20/2012	0.9	Corn
2013	10/21/2012	10/20/2013	0.8	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: J4
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\J4
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\J4

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 3333A Wakeland silt loam, 0 to 2 percent slopes, frequently flooded\Wakeland silt loam 90%
Slope: 1%
Slope Length: 100 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
11/01/2009	Chisel, sweep shovel			
04/25/2010	Cultivator, field 6-12 in sweeps			
05/01/2010	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2010	Harvest, killing crop 50pct standing stubble			4886 lbs
05/10/2011	Drill or air seeder single disk openers 7-10 in spac.	Soybean, mw 7in rows	60 bu	
10/05/2011	Harvest, killing crop 20pct standing stubble			1617 lbs
10/31/2011	Manure injector, liquid high disturb.30 inch		default	2152 lbs
11/01/2011	Chisel, sweep shovel			
04/25/2012	Cultivator, field 6-12 in sweeps			
05/01/2012	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2012	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2012	Manure spreader, liquid		default	2585 lbs
11/01/2012	Chisel, sweep shovel			

Field: J4
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\J4
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\J4

Last Saved: 3/1/2011

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
04/25/2013	Cultivator, field 6-12 in sweeps			
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	10/21/2010	10/05/2011	0.7	Soybean
2012	10/06/2011	10/20/2012	2.2	Corn
2013	10/21/2012	10/20/2013	0.9	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020

Information About RUSLE2 Soil Loss

Field: J5
Operation: Strout Crossing, LLC
Plan File: \\Oxygen\engineering\ProjectFiles\2011\11-105\CNMP\strout crossing.mmp
RUSLE2 Database: X:\ProjectFiles\2011\11-105\CNMP\Maps\Strout_Crossing_RUSLE2mosesdb.gdb
Calculated Profile: mmp_calc\strout crossing.mmp\J5
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\J5

Last Saved: 3/1/2011

Field's RUSLE2 Profile

Climate Location: USA\Illinois\Pike County
Soil Survey: Pike County, Illinois
Soil Type: 3333A Wakeland silt loam, 0 to 2 percent slopes, frequently flooded\Wakeland silt loam 90%
Slope: 1%
Slope Length: 100 feet (based on slope)
Rock Cover: (Not entered -- 0% assumed)
Subsurface Drainage: (No patterned drainage -- none used)
Contouring: (Not selected -- rows up-and-down hill assumed)
Strips/Barriers: (Not selected -- none assumed)
Diversion/Terrace: (Not selected -- none assumed)
Residue Burial: (Not selected -- normal burial assumed)
Notes:

Field's RUSLE2 Management

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
11/01/2009	Chisel, sweep shovel			
04/25/2010	Cultivator, field 6-12 in sweeps			
05/01/2010	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2010	Harvest, killing crop 50pct standing stubble			4886 lbs
05/10/2011	Drill or air seeder single disk openers 7-10 in spac.	Soybean, mw 7in rows	60 bu	
10/05/2011	Harvest, killing crop 20pct standing stubble			1617 lbs
10/31/2011	Manure injector, liquid high disturb.30 inch		default	2152 lbs
11/01/2011	Chisel, sweep shovel			
04/25/2012	Cultivator, field 6-12 in sweeps			
05/01/2012	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2012	Harvest, killing crop 50pct standing stubble			4886 lbs
10/21/2012	Manure spreader, liquid		default	2585 lbs
11/01/2012	Chisel, sweep shovel			

Field: J5
Operation: Strout Crossing, LLC
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Calculated Profile: mmp_calc\strout crossing.mmp\J5
Calculated Mgmt: CMZ 16\c.Other Local Mgt Records\mmp_calc\strout crossing.mmp\J5

Last Saved: 3/1/2011

<i>Date mm/dd/yyyy</i>	<i>Operation</i>	<i>Vegetation</i>	<i>Yield or Cover Material</i>	<i>Cover Material Added/Removed</i>
04/25/2013	Cultivator, field 6-12 in sweeps			
05/01/2013	Planter, double disk opnr	Corn, grain	180 bushels	
10/20/2013	Harvest, killing crop 50pct standing stubble			4886 lbs

Note: Operations for the field's assumed previous crop (in italics) were included to initialize RUSLE2.

Field's RUSLE2 Soil Loss Estimates

<i>Crop Year</i>	<i>Starting Date mm/dd/yyyy</i>	<i>Ending Date mm/dd/yyyy</i>	<i>Soil Loss Tons/Acre</i>	<i>Crop(s)</i>
2011	10/21/2010	10/05/2011	0.7	Soybean
2012	10/06/2011	10/20/2012	2.2	Corn
2013	10/21/2012	10/20/2013	0.9	Corn

RUSLE2 Version: 1.32.3.0
RUSLE2 Build Date: Dec 17 2007
RUSLE2 Science Date: 20061020