





**Other Information:** Please provide any other information that may be pertinent (i.e., irrigation, hail damage, etc.).

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**SCI, STIR and Wind or Water Soil Erosion Loss Output (specify wind or water erosion)**

<i>Soil conditioning index (SCI)</i>	<i>Average annual slope STIR</i>	<i>Wind or water soil erosion loss (tons/acre)</i>

The **SCI** is the **Soil Conditioning Index** rating. If the calculated index is a negative value, soil organic matter levels are predicted to decline under that production system. If the index is a positive value, soil organic matter levels are predicted to increase under that system.

The **STIR** value is the **Soil Tillage Intensity Rating**. It utilizes the speed, depth, surface disturbance percent and tillage type parameters to calculate a tillage intensity rating for the system used in growing a crop or a rotation. STIR ratings tend to show the differences in the degree of soil disturbance between systems. The kind, severity and number of ground disturbing passes are evaluated for the entire cropping rotation as shown in the management description.

**APPROVALS:**

NRCS Conservationist	JOB APPROVAL AUTHORITY	Date
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Producer	Date
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**CERTIFICATION:**

I hereby certify that this practice has been installed in accordance with NRCS standards and specifications.

NRCS Conservationist	JOB APPROVAL AUTHORITY	Date
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Producer	Date
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EXAMPLE

Joe Producer \_\_\_\_\_ Tract #333, Field 2 \_\_\_\_\_ 212.2 \_\_\_\_\_ 6/1/2011 \_\_\_\_\_  
 Landowner \_\_\_\_\_ Field/Management Unit \_\_\_\_\_ Area (acres) \_\_\_\_\_ Date (acres) \_\_\_\_\_

T36N R44E Section 16 \_\_\_\_\_ No Till (329) \_\_\_\_\_ Barley Chem Fallow-Planned \_\_\_\_\_ 2 \_\_\_\_\_  
 Legal Description \_\_\_\_\_ Conservation Practice \_\_\_\_\_ Crop Rotation<sup>1/</sup> \_\_\_\_\_ # of years \_\_\_\_\_

DATE DAY/MONTH/ YEAR	FIELD OPERATIONS <sup>2/3/</sup> : INCLUDE <u>ALL</u> TILLAGE, FERTILIZING, PLANTING, PEST CONTROL, HARVEST, BALING, HAYING AND OTHER OPERATIONS	CROP OR VEGETATION <sup>4/</sup>	% RESIDUE
3/25/10	Fertilizer: broadcast urea with urease inhibitor to reduce volatilization- 50 lbs of actual N.	Chem Fallow	55
4/2/10	Plant barley: Case IH Flex Hoe 400 33 foot Air seeder with 3" spread paired row double shot chisel points, 12" spacing, rubber packer wheels.	Barley	45
4/2/10	50 lbs. total material of 20/20/0 added with seed.	Barley	45
5/20/10	Spray 2,4-D (4EC) and <i>dicamba</i> for broadleaf control.	Barley	40
8/1/10	Combine for grain, <b>cutting height 10"</b> , chaff spreader on combine.	Barley: 60 bu./ac.	90
9/15/10	Spray weeds: glyphosate	Barley Straw	85
6/1/11	Spray weeds: glyphosate and 2,4-D.	Barley Straw	70
7/15/11	Spray weeds: glyphosate and 2,4-D.	Barley Straw	65

<sup>1/</sup> Include all crops in rotation and record if sheet is current or planned rotation.

<sup>2/</sup> Field Operations: Be specific and complete (include equipment manufacturer, equipment name and model. Include tillage type, width and spacing. Example offset 16" disc with 12" spacing set to depth of 8". If more than one tillage operation is done at the same time, you may enter on separate lines with same date and indicate operations are done together. Include fertilizer operations with knife size, spacing and injector depth. Include all operations that are done on the crop or harvested crop residue including pesticide applications, haying and grazing. **Record stubble height** and % stubble remaining for all haying, baling and harvest operations.

<sup>3/</sup> Enter crop and expected yield (specify units: bu./ac., lbs./ac., etc.).

<sup>4/</sup> Use Page MT329-JS2 to record additional field operation(s) as needed.

