



Soil Erosion Enhancement Activity – SOE03 - Continuous no-till (organic system)

Additional Criteria for Nebraska

- Seedbed preparation, planting method and fertilizer placement will not disturb more than one-third of the row width
- No row cultivation
- Fertilizer and manure placement shall be limited to low disturbance methods such as surface application or injection with narrow knives on 30 inch spacing or wider.

High Residue Producing Annual Crops

Corn (Grain or Seed corn)	Grain Sorghum (Milo)	Millet (all types for grain)
Small Grains (Winter or Spring Wheat, Oats, Rye, Barley, Triticale)	Forage Sorghums, Cane, Sudangrass or similar forage crops with 18 inches or more of re-growth after forage harvest (prior to a killing frost)	Canola (rapeseed)

- Removal of stover by baling or other methods is not allowed.
- Removal of straw following small grains is allowed when at least 10 inches of stubble height is maintained after removal.
- Incidental grazing is allowed when managed to maintain 50% or more crop residue ground cover after grazing.

Low Residue Crops (must be followed by a cover crop)

Sunflowers	Soybeans	Edible beans (all types)
Popcorn	Sweet corn	Corn or Sorghum silage/green chop
Chickpea/Garbanzo	Flax	Mustard
Safflower	Millet, hay	Buckwheat
all high residue crops that have excessive residue removed by grazing or baling that does not maintain at least 50% ground cover or required stubble height.		

- All low residue crops must be direct harvested (e.g. edible beans)
- Cover crop must be planted without tillage prior to planting

Cover Crop Requirements

- Cover crops can not be harvested or grazed
 - Cover crops must follow planting dates, seeding rates, method of planting and other requirements in 340 Cover Crop Standard. Specifications will be provided on the Cover Crop Worksheet (NE-CPA-7).
 - Cover crops which winter kill must be planted at least 8 weeks prior to the average date of the first killing frost.
 - Cover crops which over winter must have at least 4 weeks of spring growth before termination.
 - Winter annual cover crops planted following a low residue crop must have a minimum of 6-8" of growth before they are terminated.
 - Cover crop must contain at least one different crop type than the previous crop
 - Additional cover crop requirements following fall harvested crops:
 - Cover crop must be winter annual small grain or/ winter annual small grain with legume.
 - Winter annual cover crops include cereal rye, triticale or winter wheat.



United States Department of Agriculture
Natural Resources Conservation Service

NE-SOE03 2010 Ranking Period 2

DOCUMENTATION REQUIREMENTS

Complete the Table 1 below:

To be completed by NRCS and Producer during planning					To be completed by Producer during certification process			
1	2	3	4	5	6	7	8	9
Tract	Field(s)	Existing Rotation	Rotation Planned	Acres Planned	Rotation Applied	Planting Method	Other Field Operations	Acres Applied
<i>Ex.1</i>	<i>1</i>	<i>C- popcorn- B-W</i>	<i>C- popcorn- cc-B-W</i>	<i>100</i>	<i>C-popcorn-cc-B- W</i>	<i>No-till</i>		<i>100</i>

EX= EXAMPLE, COLUMNS 1-5 NRCS COMPLETES, COLUMNS 6-9 PRODUCER COMPLETES

C=Corn; B=soybeans/edible beans; W=Wheat; M=Milo; A=Alfalfa; O=Oats; cc=cover crop;
Others=_____

Complete Table 2: Cover crop documentation.

Tract	Field(s)	Previous Crop	Cover Crop	Date Planted	Planned Date of Termination	Method of Termination
<i>EX. 1</i>	<i>1</i>	<i>popcorn</i>	<i>Cereal rye</i>	<i>Oct. 1</i>	<i>April 15</i>	<i>Roller crimper</i>

I certify that the following information meets specifications and has been provided to NRCS:

1. Planned and applied rotation, planting method, other field operations and applied acres (Complete Table 1 above).
2. A map with delineation of the area where the enhancement was applied.
3. If cover crops are included in the rotation, documentation of the type of cover crop used, previous crop, seeding date and the planned date and method of termination (Complete Table 2 above) as well as a completed Cover Crop Worksheet (NE-CPA-7).

I understand that it is my responsibility to obtain all necessary permits and to comply with all laws, regulations and ordinances pertaining to the application of these activities.

Certified by: _____ Date: _____