



Air Quality Enhancement Activity – AIR01 – Injecting or incorporating manure

State Criteria (same as NATIONAL CRITERIA)

Additional Criteria for Nebraska

- Producer’s existing cropping system must include surface application without incorporation.
- Producer must have a current soil test (no more than 3 years old).
- Planned practice includes:
 - Liquid manure injected at least 2 inches deep into the soil, or
 - Dry or solid manure must be incorporated within 24 hours using a vertical tillage implement that minimizes surface disturbance and maintains 30% residue cover.
- In cases where manure injection/incorporation takes place in the fall and residue levels cannot be maintained above 30%, a cover crop must be planted.
- Soils shall be sampled and analyzed in accordance with Practice Specification for Nutrient Management ([S-590](#)) or NebGuide “Guidelines for Soil Sampling” ([G1740](#)).
- All soil samples must be taken prior to applying fertilizer or manure.
- Manure shall be sampled and analyzed annually in accordance with Practice Standard [633](#) – Waste Utilization, NebGuide “Sampling Manure for Nutrient Analysis” ([G1450](#)) and NebGuide “Manure Testing: What to Request” ([G1780](#)).
- Nutrient application rates are within University of Nebraska recommendations based on soil tests and established yield goals considering all nutrient sources and commercial fertilizer applications (refer to Practice Standard [590](#) and Practice Specification ([S-590](#)) for Nutrient Management).
- Injection or incorporation of the manure must minimize surface disturbance so that erosion potential is limited.

Documentation Requirements (SEE NATIONAL ENHANCEMENT ACTIVITY JOBSHEET)

Additional State Documentation Requirements

1. Provide a map indicating where the activities were applied.
2. Provide copies of soil test results.
3. Provide copies of manure analysis.
4. Complete the nutrient and fertilizer application table on the last page.
5. Complete the fertilizer/application equipment type and calibration date on the following table:

Type of Equipment & Capacity	Date of Calibration
<i>EXAMPLE: 1 spread-all (16 ton)</i>	<i>EXAMPLE...9/29/11</i>

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

1. Written documentation of the activity performed per documentation requirements.
2. Copies of dated receipts for equipment or services purchased.

Certified by: _____ **Date:** _____



United States Department of Agriculture
Natural Resources Conservation Service

NE-AIR01 2011 Ranking Period 1

Field & Crop Information			Nutrient Application Information (All Sources)									Cover Crop - Date Planted & Type - If manure is fall applied & less than 30% residue after incorporation	
Tract, Field & Acres	Planned Crop & Yield Goal	Actual Crop & Yield	Date - Fertilizer and/or Manure Applied (m/d/yr)	Form of Commercial Fertilizer or Manure	Rate (lb/a)	Application Method	If Manure, Hours to Incorp.	N Avail. (lb/a)	P Avail. (lb/a)	Total N Avail. (lb/a)	Total P Avail. (lb/a)		
<i>T1234 FI</i> <i>79.4 a</i>	<i>Corn Silage</i> <i>18 T/a</i>	Crop	<i>9/30/11</i>	<i>Beef Solids</i>	<i>16 T/a</i>	<i>Broadcast</i>	<i>18 hr</i>	<i>152</i>	<i>656</i>	<i>187</i>	<i>656</i>	<i>Rye & 10/15/11</i>	
		<i>Corn Silage</i>	<i>4/30/12</i>	<i>32-0-0 liquid</i>	<i>10 gal/a</i>	<i>Broadcast at planting</i>		<i>35</i>	<i>0</i>				
		Yield											
		<i>20 T/a</i>											
		Crop											
		Yield											
		Crop											
		Yield											
		Crop											
		Yield											

December 23, 2010

State Addendum

AIR01



United States Department of Agriculture
Natural Resources Conservation Service

NE-AIR01 2011 Ranking Period 1

REFERENCES

590 Standard	590 – Nutrient Management http://efotg.sc.egov.usda.gov/references/public/NE/NE590.pdf
590 Specifications	(S-590) – Nutrient Management http://efotg.sc.egov.usda.gov/references/public/NE/NE590s.pdf
633 Standard	633 – Waste Utilization http://efotg.sc.egov.usda.gov/references/public/NE/NE633.pdf
G1450	NebGuide “Sampling Manure for Nutrient Analysis” (G1450) http://water.unl.edu/web/manure/publications
G1740	Guidelines for Soil Sampling” (G1740) http://water.unl.edu/web/manure/publications
G1780	NebGuide “Manure Testing: What to Request” (G1780). http://water.unl.edu/web/manure/publications