Energy Enhancement Activity – ENR10 – Using nitrogen provided by legumes, animal manure and compost to supply 90 to 100% of the nitrogen needs

State Criteria (same as NATIONAL CRITERIA)

Additional Criteria for Nebraska

- Manure and/or compost shall be sampled and analyzed annually following University of Nebraska recommendations, NebGuide (G1450) "Sampling Manure for Nutrient Analysis" and NebGuide (G1780) "Manure Testing: What to Request".
- Producer must have a current soil test (no more than 3 years old).
  - 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.
- Nutrient application rates are within University of Nebraska recommendations based on soil tests and established yield goals considering all nutrient sources (refer to Practice Standard 590 and Practice Specification (S-590) for Nutrient Management) or are based on crop removal.

Documentation Requirements (SEE NATIONAL ENHANCEMENT ACTIVITY JOBSHEET)

Complete the Table below:

TABLE OF PLANNED AND APPLIED ACTIVITY – ENR10

1	2	3	4	5	6	7
Tract	Field(s)	Acres	Source of organic nitrogen (e.g. cover crop, manure, compost)	Amount of manure and/or compost applied per acre	Estimate of legume biomass produced each year	Estimate of available nitrogen & method used to calculate it
Ex. T100	2b	7.3	Beef Feedlot Manure	20 tons		110 lbs/a lab analysis

EX= EXAMPLE, COLUMNS 1-3 NRCS COMPLETES, & COLUMNS 4-6 PRODUCER COMPLETES

In addition:

1. Provide a map showing the location of the fields where the practice was applied.
2. Provide copies of the most recent soil tests.

I certify that I am using a nutrient management system that utilizes nitrogen from legumes, animal manures and compost as the sole source of nitrogen for production and that the enhancement criteria have been met and the required documentation provided to NRCS.

Certified by: _____ Date:_____