



Energy Enhancement Activity – ENR12 – Use of legume cover crops as a nitrogen source

State Criteria (same as NATIONAL CRITERIA)

Additional Criteria for Nebraska

- Cover crops cannot be harvested or grazed
- Cover crops must follow planting dates, seeding rates, method of planting and other requirements in Conservation Practice Standard [340](#).
- Refer to Tables 1 and 1a or the Cover Crop Design Worksheet ([NE-CPA-7](#)) for selecting an appropriate cover crop to meet the planned use, and detailed information for seeding rates and dates.
- Acceptable cover crops for this enhancement are: Chickling vetch; Chickpea; Cowpea; Field pea/lentils; Hairy or crown vetch; White clover; Red clover; Soybean; and Sweet clover.
- 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 – ENR12

1	2	3	4	5	6	7
Tract	Field(s)	Acres	Type of legume cover crop planted Planned	Amount of available nitrogen (show calculations on attached sheet) per acre	Application rates of additional nitrogen by field	Realistic yield goals for field or specialty crop grown
Ex. T100	2b	7.3	Vetch	50 lbs/a	100 lbs/ac	150 bu/ac corn

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



United States Department of Agriculture
Natural Resources Conservation Service

NE-ENR12 2012 Ranking Period 1

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 the enhancement criteria have been met and the required documentation provided to NRCS.

Certified by: _____ **Date:** _____