



AIR01 - Montana Supplement – REVISED 4/20/2011

Injecting or Incorporating Manure – (Air Quality Enhancement Activity)

Montana Clarification

Applicant must not be currently applying this practice.

Criteria # 4 Producer must have a current soil test (no more than 3 years old)

Criteria # 5 Producer must have a yearly manure nutrient analysis for each different source of manure.

Criteria # 6 Phosphorus application rates must follow Montana NRCS and Department of Environmental Quality (DEQ) guidelines for application rates based on soil test results:

Olsen P soil Test (ppm)

Less than 25 ppm

25 – 100 ppm

100 – 150 ppm

Greater than 150 ppm

Application Basis

Nitrogen need

Phosphorus need

Phosphorus need up to crop removal

No application

Manure applications cannot be made on frozen or snow- covered ground.

Manure applications must follow all Montana DEQ setbacks including 100 foot setback or 35 foot vegetated buffer from down-gradient surface waters, sinkholes, wells or other conduits to surface waters.

Montana Specifications

No additional specifications other than those described in the national enhancement.

Incompatible Enhancements

This enhancement may not be contracted with the following enhancements:

AIR03, AIR06, ANM01, ANM02, ANM04, ANM05, ANM06, ANM07, ANM08,

ANM12, ANM21, ANM22, ENR08, PLT01, PLT06, SOE02, SQL03, WQL06, WQL09,

WQL14

Eligible Land

Cropland

Applicable Amount

Total acres of cropland where manure can be applied. (Not hayland or pasture.)

Example (System)

A participant has 500 acres of cropland. He/she proposes to incorporate this enhancement on 250 acres of their cropland beginning in year 1. The applicable acres would be 500 and the applied acres would be 250 (commencing in Year 1). The Toolkit plan would look like the following:

	Year 1	Year 2	Year 3	Year 4	Year 5
AIR01	250 ac				

Documentation Requirements

1. A map showing where the activity was applied
2. Dates of application
3. Acres treated
4. Manure application method used (liquid injection or solid incorporation)
5. Soil test results
6. Manure analysis results
7. Crops grown and yields (both yield goals and measured yield)
8. Calibration of application equipment

I acknowledge that I have read and understand all that is required for the implementation of this CSP Enhancement Activity.

Contract participant

Date