



AIR02 - Montana Supplement – REVISED 3/18/11

Nitrogen Stabilizers or Urease Inhibitors for Nitrous Oxide Control – (Air Quality Enhancement Activity)

Montana Clarification

Producer must have a current soil test (no more than 3 years old).

Nitrogen Fertilizer Stabilizers and Inhibitors (This may not be a complete list as new products and formulations are being developed).

Common Name

Chemical Name

N-Source	2-chloro-6(trichloromethyl)pyridine(Nitrapyrin)
N-Serve	2-chloro-6(trichloromethyl)pyridine(Nitrapyrin)
Instinct	2-chloro-6(trichloromethyl)pyridine(Nitrapyrin)
None	Dicyandiamide (DCD)
None	4-amino-1,2,4-trizole hydrochloride (ATC)
Agrotrain	N-butyl-thiophosphoric triamide (NBPT)
Nutrisphere-N (NSN)	Malic and itaconic acid co-polymer with urea

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:

ANM01, ANM02, ANM04, ANM05, ANM06, ANM07, ANM08, ANM12, ANM14,
ANM23,ENR08, PLT08, WQL07, WQL08, WQL10, WQL20, WQL22.

Eligible Land

Cropland

Applicable Amount

Acres of annually cropped land (not hayland or pastureland)

Example (System)

A participant has 1000 acres of cropland. He/she currently does not utilize nitrogen stabilizers. He/she proposes to use this enhancement on 600 acres beginning in year 3. The Toolkit plan would look like the following:

	Year 1	Year 2	Year 3	Year 4	Year 5
AIR02			600 ac	600 ac	600 ac

Documentation Requirements

- A map showing where the activities are applied.
- Date(s) of application **and application rates** of ammonia-N fertilizer and nitrification inhibitor for each treatment area.
- Acres of land treated.
- Soil test results – **A current soil test that is no more than three years old.**
 - **Manure analysis results are not required.**
 - Crops grown and yields (both yield goals and measured yield).
 - Calibration of application equipment.
- Fertilizer product used. **This includes name and formulation of product.**

Montana References

- (1) “Fertilizer Guidelines for Montana Crops” Montana State University Extension Service Publication # EB 161⁽¹⁾ March 2005, Jeff Jacobsen, Grant Jackson and Clain Jones. Website: <http://www.msuxextension.org/store/Departments/Agriculture-Topic-Categories/Fertilizers.aspx?sortorder=1&page=8>
- (2) “Enhanced Efficiency Fertilizers” Montana State University Extension Publication EB0188 July 2009, Kathrin Olson-Rutz, Clain Jones and Courtney Pariera Dinkins. Web site: <http://www.msuxextension.org/store/Departments/Agriculture-Topic-Categories/Fertilizers.aspx>

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

Contract participant

Date