



WQL06 - Montana Supplement – REVISED 2/22/11

Apply Control Release Nitrogen Fertilizer - (Water Quality Enhancement Activity)

Montana Clarification

For fall planted crops such as winter wheat all of the fertilizer applied must be controlled release except for a small amount of starter nitrogen fertilizer (less than 20 lbs of N + K₂O). For spring planted cool season crops such as spring wheat a minimum of 25% and a maximum of 50% must be controlled release fertilizer. For spring planted warm season crops such as corn or sugar beets a minimum of 50% must be controlled release fertilizer.

Montana Specifications

All fertilizer guidelines and special conditions in “Fertilizer Guidelines for Montana Crops” Montana State University Extension Service Publication # EB 161⁽¹⁾ should be followed.

Controlled Release Nitrogen Fertilizers for Montana ^{(2) (3)}

<u>Common Name</u>	<u>Chemical Name</u>
ESN	Polymer-coated (PCU)
Polyon	Polymer-coated (PCU)
Duration	Polymer-coated (PCU)
SCU	Sulfur-coated
Tricote	Polymer and Sulfur-coated
Poly-S	Polymer and Sulfur-coated
Nitroform	Urea formaldehyde
Nutralene	Methylene Urea
N-Sure	Triazone

(1) “Fertilizer Guidelines for Montana Crop” Montana State University Extension Service Publication # EB 161⁽¹⁾ March 2005, Jeff Jacobsen, Grant Jackson and Clain Jones. Website: <http://www.msuextension.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.msuextension.org/store/Departments/Agriculture-Topic-Categories/Fertilizers.aspx>

(3) This may not be a complete list as new products or formulations are being developed. For approval of other products, contact the NRCS State Agronomist. Written approval of the product (email is acceptable) should be attached to this supplement.

Incompatible Enhancements

This enhancement may not be contracted with the following enhancements:

For crop: ANM21, ANM22, ENR08, SOE02

For pasture: WQL07

Eligible Land

Cropland or pasture

Applicable Amount

Acres of cropland or pasture or hayland

Example (System)

The applicable acres are any cropland or pastureland. If a participant has 300 acres of pasture and plans to switch to controlled release fertilizers on all 300 acres beginning in Year 1, the Toolkit plan would look like the following:

	Year 1	Year 2	Year 3	Year 4	Year 5
WQL06	300 ac				

Documentation Requirements

1. A map showing where the activities are applied.
2. Fertilizer product used, including name and formulation of product.
3. Treatment acres.
4. Soil test results.
5. Crops grown and yields-both yield goals and measured yield.
6. Calibration of fertilizer application equipment.
7. Nutrient application rates / amounts and application dates for each treatment area.

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

Contract participant

Date