

EQIP Tiered Nutrient Management System Job Sheet - 2006

Name: _____ Contract No. _____

The requirements listed on this job sheet are for the EQIP incentive payments for Nutrient Management that exceeds the minimum 590 standard. There is no EQIP incentive payment for nutrient management that only meets the minimum 590 standard (Tier I - DNMC criteria).

Please check appropriate tier:

590 Tier II _____ Acres 590 Tier III _____ Acres
590 Tier IV _____ Acres

Tier II (A&B/C) = \$3/ac Tier II (A&B/C+D1) = \$5/ac Tier II (A&B/C+D2) = \$7/ac

A. All plans have to meet 590 standard and include precision soil sampling or “smart sampling,”^{1, 2}

B. If utilizing commercial fertilizer, the participant must select one of the following or select from D. below.

- Split application of nitrogen (*maximum of 50 lbs at planting*) OR
- Use of urease inhibitor OR
- Use a stabilized nitrogen fertilizer

C. If using manure, the participant must also select at least one of the following:

- Injection of side dress application of nitrogen on corn
- Tissue testing
- Soil N test
- Manure applied within 30 days of planting
- Manure incorporation within 5 days
- Liquid manure injection
- Buffer strips installed
- Cover crops planted to scavenge excess nutrients
- PSNT if manure is used or you have high organic soils

D. In addition, the participant may also implement the following:

1. - Use of either urease inhibitor or stabilized nitrogen fertilizers **AND** split application of nitrogen (*maximum of 50 lbs at planting*)
2. - Use slow released or controlled-release

Date: _____ Participant Signature: _____

Signature block for Tier II See reverse for Tier III or Tier IV signature block

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Tier III (A&B) = \$5/ac Tier III (A&B+ C1) = \$7/ac Tier III (A&B+C2) = \$9/ac

A. All plans have to meet Tier II.

B. The participant **must do one** or a combination of the following practices:

- Variable rate planting, without GPS information.
- Utilize GPS/record keeping software without variable rate inputs^{2,3}
- Utilize GPS/record keeping/yield monitor without variable rate inputs.^{2,3}

C. In addition, the participant may also implement the following:

1. - Use of either urease inhibitor or stabilized nitrogen fertilizers **AND** split application of nitrogen (*maximum of 50 lbs at planting*)
2. - Use slow released or controlled-release

Tier IV (A&B) = \$8/ac Tier IV (A&B+C1) = \$10/ac Tier IV (A&B+C2) = \$12/ac

A. All plans have to meet Tier II.

B. The participant must utilize a GPS and yield monitor system to collect field-specific crop data and a software/record keeping system that analyzes that data. The analysis then has to be utilized to adjust within field inputs, including variable rate fertilizer, lime, and/or variable rate planting.^{2,3}

C. In addition, the participant may also implement the following:

1. - Use of either urease inhibitor or stabilized nitrogen fertilizers **AND** split application of nitrogen (*maximum of 50 lbs at planting*)
2. - Use slow released or controlled-release

¹Smart sampling uses the knowledge of field conditions, such as soils and topography. As the knowledge of within-field variability is gained from yield maps and other layers of information that has been collected using precision agricultural technologies, soil sampling sites can be refined. Smart sampling is usually not grid sampling because it takes fewer soil samples. A consultant can use aerial maps and photographs, topographical maps, and yield monitors (if available) to divide the field into natural areas that have similar soil characteristics and yields.

²If a program participant or consultant utilizes GPS and recording keeping for “smart sampling,” this falls under Tier II, not Tiers III and IV.

³GPS/record keeping is done with commercial software. There are numerous software programs on the market that a program participant may use.

Date: _____ Participant Signature: _____

Signature block for Tier III or Tier IV