

Nutrient Management

Wisconsin Job Sheet 590



Landowner: _____

What is Nutrient Management?

Managing the amount (rate), source, placement (method of application), and timing of plant nutrients and soils amendments.

Purpose

- Budget, supply and conserve nutrients for plant production
- Minimize the risk of agricultural nonpoint source pollution of surface and groundwater resources
- Properly utilize manure or organic by-products as a plant nutrient source
- Protect air quality by reducing odors and reactive nitrogen emissions (ammonia, inorganic oxidized forms, and organic compounds)
- Maintain or improve the physical, chemical, and biological condition of the soil.

Planning Requirements

Plans and specifications will be prepared for each field. Fields will not exceed tolerable soil loss, as documented by SnapPlus 2 or RUSLE2. Nutrient management planning will be documented on attached plan maps. Understand and follow State, County and Local regulations dealing with nutrient storage, mixing, application, and disposal.

Operations and Maintenance

Annual plan updates shall document the crops, tillage, nutrient application rates, sources and methods actually applied.

Minimize exposure to potentially toxic gasses associated with manure, organic by-products and chemical fertilizers. Wear protective personal equipment

Protect commercial fertilizer from weather; protect ag waste storage facilities from accidental leakage or spillage.

Temporary placement or storage of manure shall meet NRCS Waste Storage Facility 313 standard.



If application system is flushed, use the rinse water in following batch of fertilizer if appropriate. If storing or disposing of fertilizers, follow state and local regulations.

Plans and Specifications

Plans and specifications will be prepared for each field according to planning criteria. Plans for nutrient management shall include:

Completed and Signed 2015 Nutrient Management Checklist

Annual application rates and timing (Planned and Actual): Consistent with the Natural Resources Conservation Service (NRCS) Conservation Practice Standard Nutrient Management, Code 590 and nutrient application guidelines found in University of Wisconsin-Extension (UWEX) Publication A2809, "Nutrient Application Guidelines for Field, Vegetable, and Fruit Crops in Wisconsin".

Maps and/or Aerial Imagery to Identify Nutrient Application Prohibitions

Maps and/or Aerial Imagery to Identify Nutrient Application Restrictions

Location Maps and/or aerial imagery that include: Field location, field number and ID number, acres and soil map units

NOTE: For more specific detail, refer to the Field Office Technical Guide, Section IV Conservation Practices, Agronomy Technical Note 1, and associated documents within the Field Office Technical Guide as needed.



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Project Job Approval Class _____

Design Approval

Designed By:

Date:

Approved By:

Date:

Job Approval Authority:

Client Acceptance

I have reviewed and understand the implementation requirements and agree to complete the work accordingly. Failure to meet these plans and specifications may jeopardize any continued NRCS technical assistance or program cost sharing applied for. I understand that it is my responsibility to secure all necessary permits and licenses, and to complete the work in accordance with all local, state, and federal laws. Modification of these implementation requirements must be approved by the NRCS before installation. I assume all responsibility for negotiations and contract agreements with contractors.

Signature:

Date:

Installation and Certification

The installed practice meets NRCS technical standards and specifications. The "redlined" information reflects any changes made during installation of the practice.

Printed Name:

Date:

Title:

Job Approval Authority:

Signature:

Date:

Notes:

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