

TN 5- \$ - Bi IfJYbhA UbU Ya Ybh
*******Implementation Requirementh**

Producer:
Location:
Farm Name:

Project or Contract:
County:
Tract Number:

Practice Location Map

(show detailed aerial view of where practice is to be installed on farm/site, showing all major components, stationing, relative location to any landmarks, and survey benchmarks)

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Cover Sheet
Specifications
Operation & Maintenance
Utility Safety / One-Call System Information

Description of work:

NRCS Review Only

Designed By:	Date:
Checked By:	Date:
Approved By:	Date:

TN 590 - Nutrient Management
Implementation Requirements

Operation and Maintenance

1. Conduct periodic plans reviews. At a minimum, plans must be reviewed and revised, as needed, with each soil test cycle, changes in manure volume or analysis, crops, or crop management.
2. Fields receiving animal manures and/or biosolids must be monitored for accumulation of heavy metals and phosphorus in accordance with the University of Tennessee and State law.
3. Calibrate application equipment.
4. Records are to be maintained for 5 years and include:
 - i. soil, plant tissue, water, manure, and organic by-product analyses resulting in recommendation for nutrient applications,
 - ii. quantities, analyses and sources of nutrients applied,
 - iii. date, and method(s) of nutrient applications, source of nutrients, and rates of application,
 - iv. weather conditions and soil moisture at the time of application; lapsed time to manure incorporation; rainfall or irrigation event,
 - v. crops planted, planting and harvest dates, yields, nutrient analyses of harvested biomass, and crop residues removed,
 - vi. dates of plan review, name of reviewer, and recommended changes,
 - vii. all enhanced efficiency fertilizer products used.
5. Additional records for precision/variable rate sites must include:
 - i. maps identifying the variable application source, timing, amount, and placements of all plant nutrients applied,
 - ii. GPS-based yield maps for crops where yield can be digitally collected.