Nutrient Management (590)

Basic Nutrient Management – Inorganic Fertilizer Only

2012 Environmental Quality Incentive Program (EQIP)

Purpose: To encourage proper implementation of a certified Nutrient Management Plan developed based on University of Tennessee (UT) guidelines and recommendations and the proper management of the 4 R's (Right rate, Right source, Right application method, and Right application timing). By implementing a nutrient management plan, producers will be able to reduce nutrient input costs, maintain or increase yields, and minimize nutrient losses from fields, thus helping protect surface and ground water supplies.

Eligible Land: Pasture and Cropland

Producer requirements are to:

- Implement a certified Nutrient Management Plan (using the MMP Software)

- Soil test sampling according to UT guidelines in publication PB1061: https://utextension.tennessee.edu/publications/Documents/PB1061.pdf

  Take the soil samples during the same season each year so a trend can be monitored.

  Samples should be collected on no more than 10 acres maximum size unit.

- Current soil tests from UT or a certified lab approved by The North American Proficiency Testing Program (Soil Science Society of America). http://soilplantandpest.utk.edu/publications/soilfertilizerpubs.htm

- Soil test results must be based on UT soil testing procedures. For soil tests from approved certified labs utilizing Mehlich 3 soil test extractant for Phosphorus (P) and Potassium (K), the results must be converted to Mehlich 1. Please refer to the following UT guide sheet for proper conversion: https://utextension.tennessee.edu/publications/Documents/W229.pdf

NOTE: The *MMP software is used to develop the plan which has the conversions already built into the program by selecting the appropriate phosphorus testing method.*

- All fertilizer recommendations must be based on realistic yield goals for each crop (3 out of 5 year average) and UT Lime and Fertilizer recommendations at: http://soilplantandpest.utk.edu/publications/soilfertilizerpubs.htm

Recordkeeping

See attached recordkeeping sheet for minimum information required to be submitted and certified by the local NRCS office for payment.

TN NRCS Nutrient Recordkeeping Form for Inorganic Fertilizer Applications ONLY

Crop Year _____

Name and Address:	Tract #:	Farm #:	Equipment Calibration Dates:

Field No.	Acres Applied	Crop	Planting Date(s)	Application Date(s)	Nutrient Recommendations (lbs/acre)			Nutrients Applied (lbs/acre)			Nutrient Source	Method of Application	Harvest Date(s) and Yield(s)
					N	P_2O_5	K_2O	N	P_2O_5	K_2O			