

Requirements for Waste Utilization

Environmental Quality Incentives Program (EQIP) FY2009

Purpose: To encourage proper surface application or injection application of manure and other organic byproducts on pasture, hay, and cropland. Good managers will be able to reduce commercial fertilizer input costs, maintain or increase yields, and reduce runoff from manure or organic application. Waste Utilization (633) requires an existing CNMP before contracting.

For situations where there is an existing CNMP: Injection or sub-surface application requires revision of the nutrient management element of the existing CNMP. CNMP –Revision (practice 102) can be contracted in conjunction with Waste Utilization (633).

Eligible Land: Pasture, Hay, and Cropland.

Producer requirements for payment:

1. **Soil test required and must be from UT or a certified lab approved by The North American Proficiency Testing Program (Soil Science Society of America).**
 - o Soil test according to UT publication UT PB1061
 - o Take the soil sample during the same season each as application. (Typically the ideal time to soil test is in the fall.)
 - o *Samples should be collected on no more than 10 acres maximum size unit.* Areas of contrasting soils, problem spots or portions of fields where yields are significantly different should be sampled separately, provided the area can be fertilized separately. Examples: bottomland and upland.
2. **Manure testing** for N (Organic N and ammonium N), P, and K to ensure application rates are accurate.
3. **Apply lime** as required by soil test. Lime must be applied the first year when required.
4. **Apply manure by soil test recommendations according to realistic yield goals (3 out of 5 yr avg).** Adjust Nitrogen application according to yield goals. Split Nitrogen application as recommended by the University of Tennessee. Fall application of nitrogen on tall fescue pasture is strongly recommended.
5. **Develop a Comprehensive Nutrient Management Plan.** Other practices needed to bring the land unit into a minimum resource management system must be included in the conservation plan. The waste utilization payment is used to move individuals into a Resource Management Systems (RMS).
6. **Recordkeeping** is needed in all agricultural operations; soil sampling and fertilizer and lime applications are required. Record keeping forms are available from the Natural Resources Conservation Service (NRCS), UT Agriculture Extension Service and others in the agriculture community. Use of these records or another appropriate guidebook system will be required as an aid in recordkeeping and presented annually before receiving incentive payments. **Minimum records required include:**
 - o Manure and/or organics recommended,
 - o application date,

- o location of application,
- o time of application,
- o method of application, and
- o amount of manure/organics applied
- o copy of the soil tests results
- o copy of Manure/organic byproduct test
- o minimum records as stated above are completed and submitted.