

## **NUTRIENT MANAGEMENT**

### **Design**

Planning data shall be included on form WY-ECS-44. This form is intended as a worksheet for planning management alternatives with the cooperators. WY-ECS-44 will include manure application rate from WY-ECS-45 if manure/compost is applied. Alternatives will include the current and planned applications.

### **Minimum Specifications**

The following list of items shall be included in the nutrient management plan.

- Location on conservation plan map of nutrient applications and acres, sensitive areas and setbacks (if applicable).
- Completed WY-ECS-40A for Wind Erosion and/or WY-ECS-40B for Water Erosion Prediction Calculations
- Timely tests will represent the area (soils and crop rotations). The University of Wyoming soils laboratory or a NAPT-PAP certified laboratory listed on <http://www.naptprogram.org/pap/> will be used for soil analysis. A certified manure testing laboratory listed on <http://www2.mda.state.mn.us/webapp/lis/maplabs.jsp> will be used for compost or manure samples.
- WY-ECS-44 Jobsheet (Agronomy Tech Note 11.7, Revised)
- WY-ECS-45 Jobsheet (Agronomy Tech Note 12.2) if manure is applied
- WY-Agronomy Technical Note 15 Phosphorus Index, if applicable
- WY-Agronomy Technical Note 25 Nitrogen Leaching Index, if applicable
- WY-Agronomy Technical Note 10 Univ. of Wyoming “Guide to Wyoming Fertilizer Recommendations”, calculations attached to WY-ECS-44

### **Recording Procedure**

The minimum specifications for this practice and purpose(s) of the conservation practice will be identified. They will be recorded in the conservation plan narrative, appropriate jobsheet and/or the conservation assistance notes.

### **As-Built Plans**

Completed Jobsheet WY-ECS-44 Jobsheet(s) has producer, planner, nutrient management specialist signatures. Also for WY-ECS-45a and WY-ECS-45b.

**Technical Guide, Section IV  
Wyoming Supplement  
Documentation Requirement  
Nutrient Management 590**

Completed WY-ECS- 40A for Wind Erosion and/or WY-ECS-40B for Water Erosion Prediction Calculations and Soil Conditioning Index.

Calculations for determining nutrient calculations (Ag Tech Note 10) will be attached to WY-ECS-44.

Soil tests are no older than five years and represent the soils and crop rotation.

**Compliance Checks**

Phosphorus Index will be completed prior to any manure and composting application.

According to the location on the conservation plan map, the correct soil map unit was used.

Used current WY-ECS-44, 45A...Agronomy Tech Notes (10, 11.7, 15, 25) and Erosion Prediction Models