

DOCUMENTATION REQUIREMENTS**Nutrient Management (590)****Wyoming****DESIGN:**

Planning data shall be included on forms:

- WY-ECS-44: the planner uses this form for planning management alternatives with the cooperators. If manure/compost is applied, include manure/compost application rate from WY-ECS-45. Alternatives will include the current and planned applications.
- WY-ECS-45A and 45B: the planner uses these forms to calculate the amount of solid and liquid manure produced, the available N, P, and K, and the amount to apply, based on the crops needs from the WY-ECS-44.
- WY-ECS-58: the planner uses this form to inventory the cooperators' current/historical soil test procedures, manure production and application, commercial fertilizer application, and crop rotation and yields.

MINIMUM SPECIFICATIONS:

The following list of items will be included in the nutrient management plan:

- Location on conservation plan map of nutrient applications and acres, sensitive areas, and setbacks (if applicable),
- Completed WEPS for Wind Erosion and RUSLE2 for Water Erosion Prediction Calculations,
- Soil test results from a NAPT-PAP certified laboratory listed on <http://www.naptprogram.org/pap/>,
- Manure test results from a certified laboratory listed on: <http://www2.mda.state.mn.us/webapp/lis/maplabs.jsp>,
- WY-ECS-44 Jobsheet (WY Agronomy Technical Note 11.7, Revised),
- WY-ECS-45A and WY-ECS-45B Jobsheets (WY Agronomy Technical Notes 12.2 and 12.7, respectively) if manure is applied,
- WY-Agronomy Technical Note 15 – Phosphorus Index,
- Nitrogen Leaching Index tool:
 - RUSLE2 Nitrogen Leaching Index, OR
 - WY-Agronomy Technical Note 25 – Nitrogen Leaching Index,
- WY-Agronomy Technical Note 10 – University of Wyoming “Guide to Wyoming Fertilizer Recommendations”, calculations attached to WY-ECS-44.

RECORDING PROCEDURE:

The planner will record the purpose(s) of the conservation practice in the conservation plan narrative, appropriate jobsheets, and the conservation assistance notes.

DOCUMENTATION REQUIREMENTS**Nutrient Management (590)****Wyoming****AS-BUILT PLANS:**

The as-built plan will include the following:

- Completed Jobsheets with the producer, planner, and nutrient management specialist's signatures
 - WY-ECS-44: Include calculations for determining nutrient recommendations, based on WY Agronomy Technical Note 10,
 - WY-ECS-45A,
 - WY-ECS-45B
- Completed WEPS for Wind Erosion and RUSLE2 for Water Erosion Prediction Calculations and Soil Conditioning Index,
- Soil test results
 - No more than 3 years old,
 - Representative of the soils to receive fertilizer, cropping history, and management practices
- Manure test results, if manure or compost is applied
 - Annual tests if no baseline data has been established from previous years,
 - No more than 3 years old if the cooperators can document a stable level of nutrient concentrations for 3 consecutive years and if no operational changes have occurred,
 - Representative of the stack/storage facility

COMPLIANCE CHECKS:

The planner completed the WY Agronomy Technical Note 15 – Phosphorus Index prior to the cooperators applying phosphorous fertilizer (commercial, manure, or organic).

The planner completed the RUSLE2 Nitrogen Leaching Index or the WY Agronomy Technical Note 25 – Nitrogen Leaching Index prior to the cooperators applying nitrogen fertilizer (commercial, manure, or organic).

The planner used the correct soil map unit in the recommendation, as per to the location on the conservation plan map.

The planner used the current version of the following:

- WY-ECS-44,
- WY-ECS-45A,
- WY-ECS-45B,
- Erosion Prediction Models,
- WY Agronomy Technical Note 10,
- WY Agronomy Technical Note 15,
- WY Agronomy Technical Note 25