

# 10 Minute Supervisor Trainings



November 2022

## **Comprehensive Nutrient Management Plan (CNMP)**

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A common practice requested under state cost share is the Comprehensive Nutrient Management Plan (CNMP). This plan is required when landowners have a complex operation that requires an in-depth evaluation of all nutrients, resource concerns, livestock, facilities, equipment and management. This practice also aids landowners interested in pursuing additional Best Management Practices (BMPs) that require constructing a storage structure such as a stack pad or lagoon. CNMP's require a certified Technical Service Provider to write the plan for a farming operation. This practice is high priority and falls under the livestock category of State Cost Share. This practice strictly provides cost share to obtain a TSP to write the plan.

### **The Goal of a CNMP is:**

- Act as a total planning tool - providing a comprehensive assessment of the operation.
- Identify potential livestock pollution sources and aid in the management of animal waste.
- Provide nutrient management guidance and solutions for landowners that have larger livestock numbers.
- Provide a plan that will help the landowner to remain in compliance and protect water quality.
- Provide a plan that will address the needs of crops, available soil nutrients and potential nutrients available when it is applied to the land.
- Provides guidance on the nutrient storage, application, timing and placement.

### **Common Questions:**

- What is the lifespan of a CNMP? 5 years or update as the operation changes.
- What does the average CNMP cost? The total charge for obtaining a Technical Service Provider approved by the Natural Resource Conservation Service to complete your plan can vary depending on the size and scope of the operation. Most tend to cost between \$5,000 – \$10,000.
- What is a Technical Service Provider (TSP)? An individual or business that has technical expertise in conservation planning and design for a variety of conservation activities.

## **Requirements**

- ✓ Have livestock in a confined or concentrated scenario.
- ✓ Practice animal waste storage or application.
- ✓ Current Ag Water Quality Plan.

## **What is the difference between a CNMP and a Kentucky Nutrient Management Plan (KYNMP)?**

A KYNMP documents animal units, crop nutrient needs, soil and manure test results, and application of all nutrients to the fields. It is a record keeping of everything that is going onto and coming off-of the fields. This plan can be written by the landowner or with the assistance of the conservation district, Division of Conservation, Cooperative Extension or another knowledgeable individual. The plan is developed by utilizing the Nutrient Management Calculator workbook developed by the University of Kentucky. These plans are free of cost.

A CNMP is a much more comprehensive plan that encompasses not only the nutrients but also the operation, the land, the buildings, etc. The plan also allows the landowner to set goals for future installation of BMPs to address any natural resource issues that were identified during the planning. This plan is also required by NRCS before constructing storage facilities. A CNMP is more suitable for multi-faceted operations that have larger numbers of animal units. TSPs are the only people certified to complete those plans. Cost share assistance is available for CNMPs. The program will reimburse 75% of the cost, up to \$20,000.

## **More information online**

Kentucky Ag Water Quality Authority BMP's: <https://eec.ky.gov/Natural-Resources/Conservation/Pages/Best-Management-Practices.aspx>

NRCS TSP Search: <https://nrcs-sites.secure.force.com/FindaTSP>

UK Extension Nutrient Management Guidelines

<http://www2.ca.uky.edu/agc/pubs/ID/ID211/ID211.pdf>

