

NUTRIENT MANAGEMENT

Nutrient management plans (NMPs) match nutrient sources to crop requirements. Producers can strategically apply nutrients to fields and crops that can utilize them, ensuring adequate nutrient uptake and decreasing the potential for nutrient runoff entering local waterways.



BENEFITS:

- Decrease fertilizer use and cost
- Improve plant health and productivity
- Improve and maintain soil organic matter
- Reduce excessive nutrients in surface water and ground water

DESCRIPTION

NMPs maximize the economic benefits of nutrients while minimizing the negative impact nutrients have on the environment. NMPs focus on the application amount, application method, what type of nutrient is being applied, and the timing of the application of nutrients. Improper application of nutrients or excess application of crop needs may allow for the release of nutrients into the air or water where they act as pollutants.

UPPER DELAWARE
CONSERVATION
DISTRICT

TECH NOTES

- Work with your local Conservation District and Technical Service Provider (TSP) who will write NMP.
- TSP may collect
 - ⇒ Soil tests
 - ⇒ Manure analysis
 - ⇒ Plant tissue analysis
- TSP may identify accompanying practices such as filter strip and crop rotation that can be implemented along with the NMP.

MAINTENANCE

- Calibrate application equipment.
- Maintain NMP records which include:
 - ⇒ Date of application
 - ⇒ Field location
 - ⇒ Application rate
 - ⇒ Source of nutrients applied
 - ⇒ Weather/field conditions at time of application
- Soil test fields receiving nutrients as part of a NMP every three to five years.

FOR MORE INFORMATION CONTACT:

Sandra Myers, (908) 852-2579

smyers@upperdelawareacd-nj.com

or

Sandra Howland

Sandra.Howland@ag.nj.gov



Fertilizer application



No till corn