

Manure Sampling

Allamakee SWCD

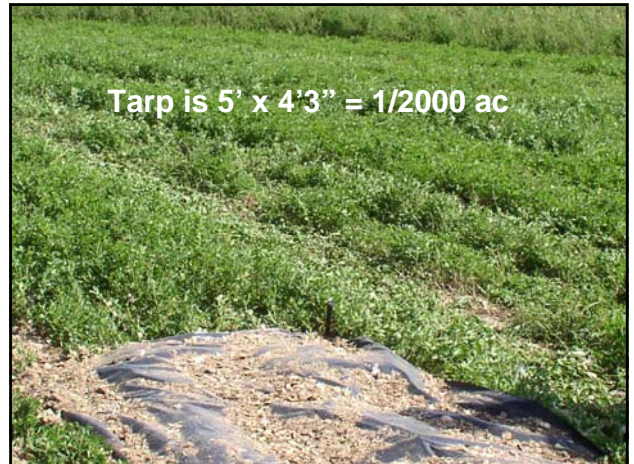
Sampling Results

- Fifteen different samples were taken from dairy, beef, chicken and turkey operations. The samples varied by as much as 300 percent from the book value. With the current cost of commercial fertilizer, manure nutrients are like money in your pocket.

Manure Spreader Driving Over Tarp



Tarp is 5' x 4'3" = 1/2000 ac



Tarp must be anchored at corners



Biosecurity Measures are Necessary





Variations from Book Values

- One dairy sample that tested 5.8-2.6-3.4 of Nitrogen, Phosphorus and Potassium. The book value is 12-6-12. This producer needs to apply twice the amount of manure as the book values would have allowed. Other samples were just the opposite, with much higher results than the book values.

Summary

- There are a lot of reasons to more closely target manure nutrient applications. Record high fertilizer costs, environmental issues and regulatory requirements are all issues that need to be addressed. Proper manure sampling is a good place to start.