SEPARATION TECHNOLOGIES FOR CAPTURING NUTRIENTS FROM MANURE

Purpose of Separation Technology?

Liquid

Solid

What are the “Desired Characteristics” of the Liquids and Solids?

Liquid

Solid

The archived presentation is available at: https://articles.extension.org/pages/21819/chronological-webcast-archive
What Characteristics of Liquids & Solids Are Important to Your Application?

- Nutrients?
  - Nutrient Concentration in one product (e.g. most P in solids)
  - Nutrient ratio that matches crop N to P requirement
  - Recovery of an easily lost or higher value nutrient (e.g. Ammonium-N)
- Clean Water?
- Air Emissions?
- Solids Characteristics?
- Pathogen or antibiotic characteristics?