

NutriPhi

Best Practices Guide



How it works

NutriPhi is designed for beef, dairy, and hog operations to help manage biosolids, reduce run-off, and diminish harmful odors in barns, houses, and lagoons. In row crops, NutriPhi is used to promote efficient breakdown of crop residue.

Application

SWINE		
Size of Herd	Application/ Month	Total Gal/Year
2,400	2.5 gal	30 gal
DAIRY		
100	2.5 gal	30 gal
500	12.5 gal	150 gal
1,000	25 gal	300 gal
BEEF		
100	10 gal	120 gal
500	50 gal	600 gal
1,000	100 gal	1,200 gal

Swine Manure

- 2.5 Gallons per 2,400 head hog building monthly
- Apply each month that you have missed since pump-out as a shock treatment
- Apply product directly to sections of the hog barn that have the highest solids accumulation
- Begin program with a minimum of 3 months remaining until pump-out

Beef & Dairy Manure

- See chart for application rates
- Apply concentrate product during months when the lagoon is not frozen
- If the lagoon freezes and applications are missed during the winter months, apply the missed amount of product in spring as a shock treatment
- Begin program with a minimum of 3 months remaining until pump-out.
- Do not apply in dairy washout systems that contain concentrated amounts of anti-bacterial

Crop Residue

- 1 – 2 quarts per acre applied directly to residue with a minimum of 15 gallons of water per acre for coverage
- Apply as soon after harvest as possible.
- Can also be applied during spring burn-down programs.

Key Benefits

- Enhances nutrient value of manure
- Digestion of sludge & crust
- Improved air quality of confinement buildings
- Reduces agitation time & cost
- Accelerates digestion of plant residue in field
- Improves in-field nutrient-cycling process

Storage

- Shelf Life: 2 years when properly stored
- Storage Temp: Above 34°
- Keep out of sun
- Do not freeze
- NutriPhi contains living organisms; therefore, the product may have an odor & is perishable
- Keep out of reach of children and animals
- Store in original container
- Keep container sealed tightly when not in use

Recommendations

- Begin manure management applications as soon as possible after pump out
- For best results apply consistently throughout the year
- Stalk residue applications should be applied with 2-3 gal of UAN/acre.