

# 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.

### 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

### 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.

### APPLICATION

#### 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.

### 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

| SWINE        |                   |                |
|--------------|-------------------|----------------|
| Size of Herd | Application/Month | Total Gal/Year |
| 2,400        | 2.5 gal           | 30 gal         |
| DAIRY & BEEF |                   |                |
| 100          | 2.5 gal           | 30 gal         |
| 500          | 12.5 gal          | 150 gal        |
| 1,000        | 25 gal            | 300 gal        |



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