

## It's the Pits

## Unleash Your Manure Profits with the Manure Master™ Program

The Manure Master Program is about enhancing manure value and involves 3 steps:

### Step 1: Bioaugmented Manure

#### Self-treatment or

**Manure Treatment Service** (on-site with Performance Assurance Guarantee)

- Biologically digest manure to enhance its agronomic value, reduce negative attributes and improve ease of handling.

### Step 2: Manure Enhancement at Application

Apply **Catawater® AG**

- Catawater AG applied with bioaugmented manure enhances manure nutrient value, improves healthy soil attributes and hastens crop residue recycling. It also stimulates the beneficial biology in the soil.

### Step 3: Improve Nutrient Efficiency In-Season

Apply **Bio-Release™**

- Bio-Release unlocks the nutrients P, K, S, Ca, Mg, B, Cl, Mn, Fe, Cu, Zn, Mo that is tied up in applied manure and soil and makes it available to the plant.

The Manure Master Program offers the following advantages:

#### Manure

- Balanced microbial digestion
- Reduces:
  - Surface solids
  - Bottom sludge
  - Odors
  - Flies
  - Lethal gases
  - Foaming
  - Toxins
  - Salt content
- Regain pit/lagoon capacity
- Enhance beneficial microbial activity



#### Nutrient

- Improves nutrient value and retention by biological cellular nutrient storage
- Consistent nutrient uniformity from start to finish
- Reduces N loss and P lock-up
- Improves efficiency of all nutrient elements
- Improves N fixation
- Controls nutrient loss after application

#### Application/Handling

- Less agitation required
- Less foaming and full tank capacity
- Faster loading and unloading
- More uniform application
- Less odor during handling and application
- Less chance of gassing animals
- Reduce risk exposure
- Better working environment
- Less pathogen risk between sites
- Easier cleaning and less corrosion of application equipment
- Easier to transport

#### Agronomic

- Triggers an explosion of beneficial soil microbes
- Better crop response
  - Breaks down manure and soil salts
  - Pre-digested “no lag phase”
- Natural balancing of soil nutrient and pH, improves soil aeration, structure and drainage
- Elevates plant defense mechanisms, which improves plant health and minimizes stress
- Helps buffer the negative side effects of pesticides including glyphosate
- Reduce alkaline areas
- More uniform in-field application
- Improves crop quality and feed value
- Reduces aflatoxins and mycotoxins
- Better crop residue decomposition
- Reduces weed and pest pressure over time
- Improves root zone health and activity

### **Facilities**

- Improved longevity of equipment and facilities
- Less corrosion
- Less maintenance cost
- Better working conditions
- Reduces washing and cleaning time

### **Economical/Business**

- Better time and risk management
- Reduce application rates and covers more acres
- Better neighbor relations
- Reduces legal liability
- Reduces utility cost
- Improves industrial image
- Improves employee retention
- Healthier animals/reduce drug use
- Enhances feed value and quality
- Lowers crop input cost

# **Manure Master™ Program**

**manuremaster.com**