



**Morgan Composting**



## **Corn Program – Seed, Field, & Sweet Corn**

**Powered by DAIRY DOO®**

### **Pre-Planting:**

#### **1. Start with a current soil test, or pull one.**

- A) To establish nutrient baseline.
- B) A recommendation of product and/or blend will be made.
- C) Personalized crop program development

#### **2. Application of Material - Options Below**

We have multiple products to be as specialized, or as broad as you would like.

##### **A) Custom Blend**

This can be as elaborate, or as efficient, as budget allows.

##### **B) Manure - Approximate analysis of 4-3-2, 8% Ca**

The rate of application is 1-3 ton per acre and is derived from laying hens intended for egg production.

##### **C) Gypsum Plus - Approximate analysis 1-1-1, 16% Ca, 8% S**

The rate of application is up to 2 ton per acre and is a blend of laying hen manure, **DAIRY DOO®** compost, and gypsum.

##### **D) K2 Blend - Approximate analysis 2-2-1, 10% Ca, 4% S**

The rate of application is up to 2 ton per acre and is a blend of laying hen manure, at a higher rate than Gypsum Plus, **DAIRY DOO®** compost, and gypsum.

##### **E) LayerAsh Blend (with & w/out Gypsum) Approximate analysis 2-2-2 to 2-2-1**

The rate of application is 1-3 ton per acre, and consists of laying hen manure, **DAIRY DOO®** compost, and wood ash.

#### **3. Terminate Cover Crop/Planting - Start right with starter fertilizer**

##### **A) In-Furrow**

- **Morgan's 4-18-4** - The rate of application is CEC dependent, but is between 3-6 gallons per acre.
- **Agrothrive LFN 3-3-2** - The rate of application is up to 8 gallons per acre. This fish is superior in its quality and ease of use. It is screened down to 100 mesh to insure no clogs in equipment.
- **Another Option** - Morgan's can custom blend a low-salt based blend.
- If strip tilled-knived in, use 8-15 gallons per acre. We recommend 2-4 quarts of Morgan's HumicBlaster in solution here.

##### **B) 2x2 Planter Box**

- **All Purpose Fertilizer 8-4-4** - The rate of application is 200-400 lbs. per acre and is a blend of poultry crumbles, potash, ammonium sulfate, humates, and monoammonium phosphate.



**Morgan Composting Inc.**



- **4-3-2 Poultry Pellets** - The rate of application is 200-400 lbs. per acre.
- **10-0-4 Pellets** - The rate of application is 100-300 lbs. per acre and is a blend of nitrogen great for a boost.
- **Custom Dry or Liquid Fertilizer** - The rate of application would be dependent upon a soil test and customized program.

#### **4. At Sidedress - Stage V5-VT**

A) **UAN 28%, Ammonium Thiosulfate, Anhydrous Ammonia, and Urea** - A liquid carbon such as **Morgan's HumicBlaster** or **FulvicBlaster** should be used with your nitrogen application in order to stabilize nitrogen and increase efficiency of nitrogen uptake.

B) **Agrothrive LFN - 3-3-2 analysis** - An application of fish can lend a hand to diversification of biological profiles, aiding in protein conversion for plant uptake.

B) **13-0-0 Pellets** - Apply 600-800 lbs. per acre to get 80-100 lbs. of nitrogen per acre down.

#### **5. Foliar Program - In Season Stress relief, Disease and pest treatment, nutrient deficiency correction**

##### **A) At Early Foliar - Macro and Micro Nutrient at V4-V6 Stage**

- Are you noticing signs in the fields indicating deficiencies? It's not too late, we can formulate custom liquid blends for nutrient deficiency correction. We have multiple options, such as **Morgan's 4-18-4**, **Morgan's 11-0-5**, and **CornGrow®** for micros.

- **FulvicBlaster** - Any time you can incorporate carbon into an application, it's always of benefit. Use in conjunction with pesticides (fungicides, herbicides, etc.). A jar test is recommended to check compatibility. The rate of application is 1-2 quarts per acre.

- **Kelp Extract** - Stress reducer against moisture, drought, and high temperatures. Help your plants bounce back from stress quicker by applying kelp. The rate of application is 1-2 pints per acre.

##### **B) At Late Foliar - Late Season Nitrogen Boost at VT - R1 Stage**

- **Morgan's 11-0-5** - Use at a rate of 1-3 gallons per acre.

- **FulvicBlaster** - Increase the efficiency of your nutrient and add carbon to your program within touches for maximum effect. Very compatible with other products. Always do a jar test to confirm compatibility.

- **Kelp Extract** - Stress reducer against moisture, drought, and high temperatures. Help your plants bounce back from stress quicker by applying kelp. The rate of application is 1-2 pints per acre.

##### **C) Post-Harvest**

- **HumicBlaster** - Break down your stalk residue and increase the nutrient release with a post-harvest application of nitrogen, use 1 gallon with 3-5 gallons of 28% per acre.

**FARM FOR YOUR FUTURE GENERATIONS AND POWER YOUR SOIL WITH DAIRY DOO®**