

# AgEssentials™

## C-01

### Corn Seed Treatment



Promotes a  
healthier root  
system



Helps plants tolerate  
environmental  
stressors

**NET CONTENTS: 0.90 LBS**  
**PACKAGE TREATS 50 UNITS OR 4,000,000 SEEDS**  
**BASED ON 80,000 SEEDS PER UNIT**

PURPOSE: AgEssentials C-01™ mix is a microbial inoculant intended to increase yield

**CONTAINS NON-PLANT FOOD INGREDIENTS**  
**Soil Amending Ingredients (active ingredients)**

**Guaranteed Analysis**

*Bacillus simplex*.....1.0 × 10<sup>7</sup> CFU/g  
*Coniochaeta nivea*.....1.0 × 10<sup>6</sup> CFU/g

**Personal Protective Equipment (PPE)**

- Applicators and handlers are required to wear respiratory protection, chemical-resistant gloves, safety glasses, and protective clothing

**Application Rate for Seed Treatment**

Note: Shake well before use. Remove desiccant pouch before use. A volumetric dosing scoop is included.

Crop	Use Rate (volumetric oz. / CWT)	Use Rate (mass oz. / CWT)
Corn	1.0	0.57

AgEssentials C-01™ microbial inoculant is a mixture of live microbes and an inert powder. To maintain performance of live microbes, the product must be applied and stored as recommended.

**Application Instructions**

- Powder may agglomerate. SHAKE WELL BEFORE USE. REMOVE DESICCANT POUCH BEFORE USE.
- AgEssentials C-01™ microbial inoculant is intended to be applied uniformly as a dry powder to seed.
- The product cannot be added to a tank mix nor dispersed in any liquid and then applied to seed.
- The AgEssentials C-01™ microbial inoculant can be applied to seed following one of two methods:
  - 1) The product can be applied manually using a scoop as seed is being loaded into the central hopper of the planter/seeder or at the individual row unit. Make sure the product is evenly dispersed onto the seed as it fills the hopper or row unit. If applied at the individual row unit, a power drill with an auger bit can be used to evenly disperse the product onto the seed.
  - 2) The product can be applied using equipment designed to meter dry products onto seed as they are being transferred up a conveyor or auger, either on the farm or at a seed treatment location. Be sure the product is applied evenly over the seed as it enters the conveyor or auger.

**Storage** Store in a cool location away from direct sunlight below 75°F. DO NOT allow the AgEssentials C-01™ microbial inoculant to freeze. DO NOT open the package until it is ready to be used. If there is remaining product in the package, seal the package tightly with the desiccant pouch and store as described above. Segregate from food and animal feed. Keep away from children.

**Disposal** Follow any and all local, state, and federal waste disposal guidelines for inoculants and plant amendments. DO NOT discharge into drains, surface water, or groundwater. For small releases, the product should be contained, swept up, and disposed of per local regulations for inoculants and plant amendments. For large releases, the product should be contained, collected via an appropriate method, and disposed of per local regulations for inoculants and plant amendments.

**Seed Treatment Compatibility** Please consult with AgEssentials™ if there are questions on compatibility of specific chemical seed treatments, AgEssentials™ Supply Chain 217-426-3569. AgEssentials™ products may not yet be registered in all states. Check with your AgEssentials™ representative for the registration status in your state. Information about this lot of microbial inoculant may be obtained by writing to AgEssentials™, 3643 Parker Place North, Fargo, ND 58102 and giving the lot number which is found on the front panel of the product label.

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**Keep Out of Reach of Children**