



## CO - CHARGE

### Product Information

Eco-Charge is a concentrated biological inoculum formulated with broad spectrum, beneficial bacillus and Trichoderma fungi species. Eco-Charge is known as a Plant Growth Promoting Rhizobacteria (PGPR). This inoculum provides more than traditional plant nutrient uptake by promoting healthy soil biota on strategic root and plant surfaces. These AGIBOFILM™ layers become strategic exchanges for nutrient flow and relief of crop stress. Carbon flows efficiently back and forth through these layers carrying nutrient to the plant and sugars back to the microbes. This exchange is the key for effective yield increase. Eco-Charge is rich in food for microbes. Eco-Charge is a liquid substrate to establish AGIBOFILM™ ecosystems in the soil, on the leaf surface and the root rhizosphere. Eco-Charge applications provide the best means to transport, propagate, and stabilize biological cultures on these AGIBOFILM™ surfaces. Eco-Charge may stimulate root development, increase plant vigor, yield and quality of produce.

### Active Ingredients

Azotobacter vinlandii .....	7.00×10 <sup>8</sup> cfu/ml
Bacillus amyloliquefaciens .....	5.00×10 <sup>5</sup> cfu/ml
Bacillus licheniformis .....	4.50×10 <sup>5</sup> cfu/ml
Bacillus megaterium .....	1.10×10 <sup>6</sup> cfu/ml
Bacillus pumilus .....	8.10×10 <sup>6</sup> cfu/ml
Bacillus subtilis .....	4.50×10 <sup>6</sup> cfu/ml
Bacillus firmus .....	5.00×10 <sup>6</sup> cfu/ml
Bacillus polymyxa .....	7.50×10 <sup>5</sup> cfu/ml
Bacillus mucilaginosus .....	1.00×10 <sup>6</sup> cfu/ml
Trichoderma harzianum .....	2.28×10 <sup>7</sup> cfu/ml
Trichoderma viride .....	4.50×10 <sup>7</sup> cfu/ml
Glomus Intraradices .....	100 Spores/g

**Total Biological Consortium:** 7.89 ×10<sup>8</sup> cfu/ml

**Derived From:** 100% Probiotic Media  
44 lbs. per gallon (U.S.)

### Directions for Use

For use on all agricultural crops and applications.

**Application and Rates:** Apply 1–2 oz. per acre 3–4 times per year on all field crops. This product can also be used in the following ways: foliar, fertigation, root drench, and in-furrow at planting.

*This product may be mixed with a variety of fertilizers and pesticides. Please call for further directions. Always perform a jar test to ensure compatibility.*

To learn more or to find an Evolve dealer near you,  
contact us today at [info@evolveagllc.com](mailto:info@evolveagllc.com)

[evolveagllc.com](http://evolveagllc.com)

 **VOLVE**  
CROP SYSTEMS

# ECO CHARGE

## ACTIVE INGREDIENTS

• Azotobacter vinelandii .....	7.00 × 10 <sup>6</sup> cfu/g
• Bacillus amyloliquefaciens .....	5.00 × 10 <sup>6</sup> cfu/g
• Bacillus licheniformis .....	5.00 × 10 <sup>6</sup> cfu/g
• Bacillus megaterium .....	1.10 × 10 <sup>6</sup> cfu/g
• Bacillus pumilus .....	3.00 × 10 <sup>6</sup> cfu/g
• Bacillus subtilis .....	4.50 × 10 <sup>7</sup> cfu/g
• Bacillus firmus .....	2.00 × 10 <sup>6</sup> cfu/g
• Bacillus polymyxa .....	7.50 × 10 <sup>7</sup> cfu/g
• Bacillus mucilaginosus .....	1.00 × 10 <sup>7</sup> cfu/g
• Thiococcus denitrificans .....	8.00 × 10 <sup>5</sup> cfu/g
• Trichoderma viride .....	4.50 × 10 <sup>7</sup> cfu/g
• Glomus intraradices .....	100 spores/g

Total Biological Consortium: 7.89 × 10<sup>8</sup> cfu/ml

Derived From: 100% Probiotic Media

Expires: 5 years from labeled date

Net Weight: 44 lbs (19.96 kg)

## GENERAL INFORMATION

EVOLVE Charge provides microbial inoculants that play a vital role in sustainable agriculture. EVOLVE Charge is a concentrated dry biological inoculum in spore form meant to be reconstituted.

### DIRECTION FOR USE

For use on all agricultural crops and applications.

Application and Rates:

Apply 1–20 oz per acre per year on all field crops.

For more specific application rates contact Southern Ag Solutions for more specific rates and instructions.

This product may be mixed with a variety of fertilizers and pesticides.

Please call for further directions.

Always perform a jar test to ensure compatibility.

### STORAGE AND DISPOSAL

Follow appropriate safety procedures.

Skin contact may cause temporary staining.

In case of accidental exposure, flush with plenty of water.

Product is non-hazardous.

Store in a cool, dry place out of direct sunlight.

**WARRANTY:** Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result, because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Evolve Crop Systems or the Seller. All such risks shall be assumed by the Buyer. Evolve Crop Systems warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to the Directions for Use subject to the inherent risks referred to above. Evolve Crop Systems makes no other express or implied warranty. In no case shall Evolve Crop Systems or the Seller be liable for consequential, special, or indirect damage resulting from the use or handling of this product. Evolve Crop Systems and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by an agreement in writing signed by a duly authorized representative of Evolve Crop Systems. Establish NIS is a Trademark of Evolve Crop Systems.

## KEEP OUT OF REACH OF CHILDREN CAUTION! / PRECAUCIÓN!

Causes eye irritation. Causes skin irritation. Harmful if swallowed.

### FIRST AID

Have the product container with you when calling a poison control center or doctor, or going for treatment. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present, after the first 5 minutes, then continue cautiously rinsing eye. If eye irritation persists: Get medical advice or attention. IF ON SKIN OR CLOTHING: Take off contaminated clothing. Wash skin with plenty of soap and water for several minutes. If skin irritation persists: Get medical advice or attention. IF SWALLOWED: Call a POISON CENTER, doctor or physician if you feel unwell. Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. IF INHALED: Remove person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.

### NET CONTENTS:

- ☐ 2.5 U.S. Gallons (9.46 liters)
- ☐ 30 Gallons (113.55 liters)
- ☐ 270 Gallons (1022.06 liters)

NET WEIGHT: 10.09 lbs./gal

**EVOLVE**  
CROP SYSTEMS

Manufactured for Evolve Crop Systems  
2178 East Bethel Rd Attica, IN 47918

