



BioImpact+™

A Spray Adjuvant

BioImpact+ is a formulation of chitosan, an ethylene inhibitor, Yucca, Quillaja & natural ingredients for use with nutritional sprays.

BioImpact+ is a unique synergistic blend of natural surfactants and sticking agents.

BioImpact+ enhances the activity and performance of foliar nutrients and biocontrol agents.

The superior wetting of **BioImpact+** results in a more uniform distribution of material which increases the retention and absorption of sprays by reducing surface tension of the spray droplets.

BioImpact+ when applied to seed creates a semipermeable film that helps maintain the seed moisture and absorb the soil moisture, and thus it can promote seed germination.

| Principal Functioning Agents: | (% BY WEIGHT) |
|--|---------------|
| Poly-D-Glucosamine & Saponin containing plant extracts | 8% |
| Organic Acid(s) | 2% |
| Constituents ineffective as spray adjuvants | 90% |
| Total | 100% |

***** Non-Plant Food Product *****

All ingredients are exempt from the requirements of a tolerance as specified in 40 CFR 180.

BioImpact+ can be applied to all crops including, fruits and vegetables, field and row crops, turf, fruit trees, nut trees, ornamental trees, vines, shrubs and flowers and containerized plants. **BioImpact+** is not designed for aquatic use.

BioImpact+ Benefits:

- Improve the performance and vigor of your plants!
- Decrease transpiration loss up to 50%!
- Extend the growing season of your crops!
- Increase the coverage of your spray agent!
- Improve the performance of any organic IPM constituent!

DIRECTIONS FOR USE:

For use as an adjuvant with nutritional sprays for agricultural, ornamental, vegetable, fruit and turf. Not intended for aquatic applications.

BioImpact+ may be applied by ground or aerial equipment or through irrigation.

For most applications, use sufficient **BioImpact +** to provide uniform application of spray onto leaf surfaces.

GROUND, AERIAL OR IRRIGATION: For ground or aerial application to row crops, commercial vegetables, fruit trees, ornamentals or turf: Use 1 to 2 quarts of **BioImpact+** in minimum of 20 gallons of spray solution. For irrigation, use 1 quart per acre.

DRONE APPLICATION: Apply **BioImpact+** at 1 qt with enough water to achieve adequate coverage.

SEED COATING ADJUVANT: Apply **BioImpact+** at 2 oz per cwt as a seed coating.

BioEnergy+ can be applied at 1 qt/A with **BioImpact+** to product a energy and nutritional boost to the crop.

NOTE: The above recommended rates are considered adequate for adjuvant use with most nutritional sprays. Some products may require higher or lower rates. In all cases, follow the nutritional spray label directions.

MIXING: Follow manufacturer's guidelines for cleaning spray equipment prior to mixing. Fill spray tank with water and add all other spray ingredients according to product labels. Buffer pH to 5.0 or below before adding **BioImpact+** (ex. vinegar or Citric Acid, etc.). Thoroughly mix to resuspend any sediment before using this product. Add **BioImpact+** last and mix completely to fully incorporate with the other ingredients. It is always recommended a compatibility be performed on all first time combinations. (Excessive agitation may lead to foaming of spray solution).

STORAGE: Do not contaminate water, food or feed by storage or disposal. Store in original containers only in cool areas at 40 - 80 °F. Keep away from incompatible substances. Keep away from metals. Do not store in metal containers.

KEEP OUT OF REACH OF CHILDREN

Made in the U.S.A.