



**GUARANTEED
MINIMUM ANALYSIS**

Glycine Betaine.....	10%
Indolebutyric acid.....	0.175%
Cytokinin as kinetin.....	0.040%
Salicylic acid.....	0.050%
Ascorbic acid.....	0.050%

ATTENTION

Keep out of reach of children and animals

May cause serious skin burns and eye damage | May cause respiratory irritation | Wear protective gloves, clothing, eye and respiratory protection | Do not eat, drink or smoke when using this product | Avoid breathing fumes, use only in a well-ventilated location | Wash thoroughly after handling | Do not allow rinse water to contaminate streams, ponds and lakes, as water life may be endangered | For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark | Do not connect an irrigation system (including greenhouse systems) used for pesticide application to public water system | If exposed concerned or feeling unwell, contact a health care provider | If swallowed - rinse mouth | If on skin - wash with plenty of water. Take off contaminated clothing and wash it before reuse | If in eyes - rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing | If inhaled - move person to fresh air and keep comfortable for breathing | Store locked up, tightly closed, in a dry, well-ventilated area. | Dispose of contents and packaging in accordance with local, regional, and federal requirements.

**BIO-APP™ BETAIN PRIME WITH
OSMOPROTECTANT**

Biostimulant with Abiotic Plant Protection Technology.

Contains biostimulants and plant growth regulators to help improve crop yields and reduce environmental stress. Plant growth regulators found in nature. Stimulates seedling and plant growth and may increase quality and yield. Helps to reduce transplant shock and increases root weight, and the number and size of flowers. Glycine Betaine is a powerful osmo-protectant against drought allowing a plant to grow with less water

Foliar Application Chart:

CROP	APPLICATION RATE USE ENOUGH WATER FOR COVERAGE
Barley, Oats, Rye, Spring or Winter Wheat, Canola, Flaxseed, Mustard, Safflower, Sunflower and Corn	3-5 leaf stage rate 500ml/ha
Legumes (Soybean, Beans, Lentils, Chickpeas, Peas)	3-5 leaf stage rate 500ml/ha
Alfalfa, Clover, Hay	1st application 500ml/ha at 3-5 leaf stage. 2nd application after cut.
Kale, Cabbage, Broccoli, Cauliflower, Brussel Sprouts	Apply 500ml/ha 14-21 days after emergence. 2nd application at 5-10% bloom.
Fruiting Vegetables (Tomatoes, Peppers, Eggplant)	Apply 500ml/ha 14-21 days after emergence. 2nd application at 5-10% bloom. 3rd small fruit stage
Cucumbers, Watermelon, Squash	Apply 500ml/ha 14-21 days after emergence. 2nd application at 5-10% bloom.
Leafy Vegetables (Lettuce, Celery, Spinach, Swiss Chard)	Apply 500ml/ha 14-21 days after emergence. 2nd application mid-season.
Sugar Beets	1st: 500ml/ha 14 days after emergence. 2nd 2-3 weeks after the 1st during root development

continued on back

LOT NUMBER:

Manufactured By: HigoCorp Inc., 605 Justus Dr., Kingston, Ontario K7M 4H5 | 613-384-8882
Derived From Registration Numbers: 2017100A & 2017083A Fertilizers Act

CROP	APPLICATION RATE USE ENOUGH WATER FOR COVERAGE
Apples	1st application full pink 500ml/ha. 2nd application petal fall 500ml/ha. 3rd application 21 days after petal fall 500ml/ha. 4th application (optional) 50 days after petal fall 500ml/ha.
Stone Fruit (Peaches, Cherries, Plums, Apricots)	1st application pre-bloom 500ml/ha. 2nd application petal fall 500ml/ha. 3rd application 21 days after petal fall 500ml/ha.
Grapes	1st application leaf out/pre-bloom 150ml/ha. 2nd application petal fall 500ml/ha. 3rd small fruit stage
Flowers & Bedding Species	1st application at transplant. 2nd application at 5-10% bloom. 0.5ml/ to 1L water (500ml/ha).
Turf & Sod Production	Apply 12.5ml/100 m2 every 3-4 weeks foliar to greens & tees for greener growth and drought protection

HYDROPONICS & CANNABIS – HYDRO OR SOIL (USE METHOD A, METHOD B or Method C- Choose just one)

CROP	APPLICATION METHOD & TIMING
Method A	Add 3-4 ml/10 L of reservoir water throughout grow and bloom stages
Method B	Add 1.5-2 ml/1 L of reservoir water starting at bud formation until flowering. Add 2-3 ml/ L water throughout flowering.
Method C (FOLIAR)	1st: 5-8 leaf stage. 2nd: flower bud initiation 3rd: 2 weeks after 2nd
Method D (outdoor foliar) to reduce water loss and increase efficiency	4ml/L mid May, followed by a second spray 4ml/L end of June

BETAINE PRIME

