



## BIO-APP™ BETAIN MAX WITH OSMOPROTECTANT

Bio-stimulant with Abiotic Plant Protection Technology.

### GUARANTEED MINIMUM ANALYSIS

Glycine Betaine.....	10%
Cytokinin as kinetin.....	0.025%
Indolebutyric Acid.....	0.012%
Gibberellic Acid.....	0.009%
Salicylic Acid.....	0.011%
Ascorbic Acid.....	0.011%

### APPLICATION RATES AND DIRECTIONS: SHAKE WELL BEFORE USE

For use with commercial seed treaters (facilities and mobile treaters). Treatment equipment must provide uniform coverage.

### SEED TREATMENT APPLICATION Rate:

50ml per 100 kg (100 lb) of seed.

**Directions:** Use with sufficient water to ensure uniform coverage. Use only approved dyes. Use higher water rates when conditions favour poor germination, such as cool soil temperatures or low germination type seeds.

### ATTENTION

#### Keep out of reach of children and animals

May cause skin and eye irritation. | Wear dust mask, protective eyewear and gloves. | If skin contact occurs, wash with soap and water. | If allergic reaction occurs, seek medical attention. | If in eyes rinse with water for several minutes. Remove contact lenses if present and continue rinsing. | Store in tightly closed container, in a dry, well ventilated area. | Dispose of contents and packaging in accordance with local, regional and federal legislation.

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. Recommend For: alfalfa, barley, cabbage, canola, carrots, cauliflower, celery, corn, cucumbers, dry beans, eggplant, lettuce, melons, oats, onions, peas, peppers, soybeans, spinach, squash, sugar beets, sunflowers, tomatoes, turf grass, and wheat.

### Field Application Rates:

*If seed has been treated do not apply in-furrow treatment*

CROP	BROADCAST FOLIAR	IN-SEED FURROW	FOLIAR SPRAY TIMING
Alfalfa	500ml/ha	N/A	1st: 3-5 leaf stage or sufficient re-growth. 2nd: after each cutting
Canola	500ml/ha	N/A	1st: rosette stage & bolting. 2nd: at 20% bloom
Soybeans, beans, lentils	500ml/ha	N/A	1st: 3-5 leaf stage. 2nd: at bloom stage
Corn	500ml/ha	1L/ha	1st: 3-5 leaf stage. 2nd: 8-11 leaf stage
Potatoes	500ml/ha	1L/ha	1st: tuber initiation. 2nd: onset of tuber bulking
Wheat, Barley, Oats, Rye*	500ml/ha	1L/ha	1st: prior to jointing. 2nd: at flat leaf stage

\*Use only in-furrow or foliar application, not both

*continued on back*

### LOT NUMBER:



Manufactured By: HigoCorp Inc., 605 Justus Dr., Kingston, Ontario K7M 4H5 | 613-384-8882

Derived From Registration Numbers: 2018162A & 2017083A Fertilizers Act

**VEGETABLE CROPS BROADCAST SPRAY RATES**

CROP	BROADCAST FOLIAR	FOLIAR SPRAY TIMING
Carrots, Cucumbers, Eggplant, Melons, Peppers, Radishes, Squash, Sugar Beets, Tomatoes	500ml/ha	1st: 3-5 leaf stage. 2nd: flower bud initiation
Asparagus, Broccoli, Cabbage, Cauliflower, Celery, Lettuce, Spinach	500ml/ha	1st: 3-5 leaf stage. 2nd: flower bud initiation
Chives, Garlic, Leeks, Onions, Shallots	500ml/ha	1st: 2 weeks after emergence. 2nd: 2 weeks after 1st application

**FRUIT CROPS BROADCAST SPRAY RATES**

CROP	BROADCAST FOLIAR	FOLIAR SPRAY TIMING
Apple & Stone Fruits (reduces fruit cracking)	1L/ha	1st: at first bloom. 2nd: at fruiting stage
Grapes	1L/ha	1st: prior or at bloom stage. 2nd: at fruiting stage
Strawberries	500ml/ha	1st: at bloom stage. 2nd: 2 weeks after 1st application

**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)	1-2ml/L 1st: 5-8 leaf stage. 2nd: flower bud initiation 3rd: After buds have emerged.
Method D (outdoor foliar) to reduce water loss and increase efficiency	2ml/L mid May, followed by a second spray 2ml/L end of June

**TURF BROADCAST SPRAY RATES**

CROP	FOLIAR SPRAY TIMING
Tees & Greens	Apply 3 ml/100 m <sup>2</sup> (0.075 fl.oz/1,000 ft <sup>2</sup> ) on a 2 week schedule throughout the growing season. Begin in early spring after grasses have begun to grow. Sunbelt and transition zones should continue spray program throughout playing season. Courses north of the transition zone should continue applications through September.
Fairways	Begin applications in early spring as soon as grasses have begun to actively grow. Apply 3-6 ml /100 m <sup>2</sup> (0.075-0.125 fl.oz/1,000 ft <sup>2</sup> ) and repeat on a monthly schedule as long as grass is growing.

**BETAINE MAX**

