



BIO-APP™ CHITOMAX

Bio-stimulant with Abiotic Plant Protection Technology.

Field Application Rates:

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

GUARANTEED MINIMUM ANALYSIS

Chitosan.....	2.9%
Cytokinin as kinetin.....	0.06%
Indolebutyric Acid.....	0.03%
Gibberellic Acid.....	0.022%
Salicylic acid.....	0.028%
Ascorbic acid.....	0.028%
Thiamine HCl.....	0.028%

APPLICATION RATES AND DIRECTIONS:

SHAKE WELL BEFORE USE

SEED TREATMENT APPLICATION Rate:

150ml per 45 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. **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.

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.

LOT NUMBER:

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

Derived From Registration Numbers: 2017113A & 2018162A Fertilizers Act

CROP	BROADCAST FOLIAR	IN-SEED FURROW	FOLIAR SPRAY TIMING
Alfalfa	400ml/ha	N/A	1st: 3-5 leaf stage or sufficient re-growth. 2nd: after each cutting
Canola	400ml/ha	N/A	1st: rosette stage & bolting. 2nd: at 20% bloom
Soybeans, beans, lentils	400ml/ha	N/A	1st: 3-5 leaf stage. 2nd: at bloom stage
Corn	400ml/ha	1L/ha	1st: 3-5 leaf stage. 2nd: 8-11 leaf stage
Potatoes	400ml/ha	1L/ha	1st: tuber initiation. 2nd: onset of tuber bulking
Wheat, Barley, Oats, Rye*	400ml/ha	1L/ha	1st: prior to jointing. 2nd: at flat leaf stage

**Use only in-furrow or foliar application, not both* *continued on back*

FRUIT CROPS BROADCAST SPRAY RATES

CROP	BROADCAST FOLIAR	FOLIAR SPRAY TIMING
Apple & Stone Fruits	400ml/ha	1st: at first bloom. 2nd: at fruiting stage
Grapes	400ml/ha	1st: prior or at bloom stage. 2nd: at fruiting stage
Strawberries	400ml/ha	1st: at bloom stage. 2nd: 2 weeks after 1st application

VEGETABLE CROPS BROADCAST SPRAY RATES

CROP	BROADCAST FOLIAR	FOLIAR SPRAY TIMING
Carrots, Cucumbers, Eggplant, Melons, Peppers, Radishes, Squash, Sugar Beets, Tomatoes	400ml/ha	1st: 3-5 leaf stage. 2nd: flower bud initiation
Asparagus, Broccoli, Cabbage, Cauliflower, Celery, Lettuce, Spinach	400ml/ha	1st: 3-5 leaf stage. 2nd: flower bud initiation
Chives, Garlic, Leeks, Onions, Shallots	400ml/ha	1st: 2 weeks after emergence. 2nd: 2 weeks after 1st application

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

CROP	FOLIAR SPRAY 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

TURF BROADCAST SPRAY RATES

CROP	FOLIAR SPRAY TIMING
Tees & Greens	Apply 3 ml/100 m ² (0.075 fl.oz/1,000 ft ²) 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 ² (0.075-0.125 fl.oz/1,000 ft ²) and repeat on a monthly schedule as long as grass is growing.
Commercial Turf, Cemeteries, Athletic Fields, Golf Courses, & Other Fine Turf Areas	Apply 3-6 ml /100 m ² (0.075-0.125 fl.oz/1,000 ft ²) during the very early growth stages and continue on a regular monthly schedule throughout the growing season.
Sod Farms	Apply 215-435 ml/ha (3-6 fl.oz/acre) on a monthly basis during the growing season and two weeks prior to cutting sod. After sod is cut, spray with 215-435 ml/ha (3-6 fl.oz/acre). Repeat in 2 weeks and thereafter once per month throughout the growing season. Make a final application of 215-435 ml/ha (3-6 fl.oz/acre) 2 weeks before dormancy

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