



BIO-APP™ GA3 PRIME

Biostimulants with Abiotic Plant Protection Technology

GUARANTEED MINIMUM ANALYSIS

Gibberellic Acid.....	5.0%
Indolebutyric Acid.....	0.7%
Cytokinin as Kinetin.....	0.175%
Salicylic Acid.....	0.2%
Ascorbic Acid.....	0.2%
Thiamine.....	0.2%

EZ-Gro GA3 Prime contains gibberellic acid (GA), a very potent plant growth regulator whose natural occurrence in plants controls their development. GA promotes plant and flower growth. Applications of very low concentrations can have a profound effect while too much will have the opposite effect. Excessive application rates may result in undesirable stem elongation. Do not use more than the recommended rates. Do not mix more than required at time of application.

Evaluate the effects of **EZ-Gro GA3 Prime** on a small number of plants prior to application on a widespread basis.

PPM-ML CONVERSION TABLE

Please see Application Charts for recommended application rates and timings.

TARGET PPM	ML / 1 LITRE SOLUTION	ML / 1000L SOLUTION
1	0.02	20
5	0.10	100
10	0.20	200
25	0.50	500
50	1.0	1000
100	2.0	2000
250	5.0	5000
500	10.0	10000
750	15.0	15000
1000	20.0	20000

ATTENTION Keep out of reach of children and animals

May cause eye irritation | Wear eye protection, gloves, long sleeved shirt, pants and shoes plus socks when handling this product | Do not re-enter or allow re-entry within 12 hours after foliar application. | Avoid release to water sources | If in eyes rinse with water for several minutes. Remove contact lenses if present and continue rinsing | Store locked up in original container, in a cool, dry area. Only pour out the amount of product that will be used on the same day | Dispose of contents and container in accordance with local, regional, and national regulations.

LOT NUMBER:

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

Registration Number 2017100A & 2018121A Fertilizers Act

DIRECTIONS OF USE: SHAKE WELL BEFORE USE

MIXING AND SPRAYING DIRECTIONS: Fill spray tank with half of the full volume of water and then add required amount of **EZ-Gro GA3 Prime**, followed by the remaining water. Add desired amount of surfactant after adding all required water. Agitate vigorously for a minimum of 10 minutes before beginning application. Apply thoroughly to all parts of the plant or crop. Do not apply by air.

AIRBLAST APPLICATION: Do not direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. Do not apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

NOTE: For full product activity, application should be made under cool, slow-drying weather conditions, preferably early in the morning or late in the day and/or the addition of a Non-ionic surfactant at 0.125% volume. Avoid hot, windy periods. **EZ-Gro GA3 Prime** has low solubility in water and cannot be used in high concentrations. In solution, it has limited stability and should be applied as soon as possible.

Several factors may affect **EZ-Gro GA3 Prime** efficacy including:

- Rainfall within 4-6 hours of application will reduce activity significantly.
- Very early maturing varieties may not respond to **EZ-Gro GA3 Prime**.
- Plants under stress because of low soil moisture, nutrient deficiency, severe weed competition, insect, disease or rodent damage may not respond to **EZ-Gro GA3 Prime**.
- Inadequate spray coverage. **EZ-Gro GA3 Prime** solution must cover all parts of the plant and crop entirely for complete activity.
- A heavy crop load (high fruit/leaf ratio) may reduce effectiveness.

All necessary precautions should be taken to avoid spray drift into adjoining residential properties, orchards, aquatic habitats and roadways.

CROP	PPM	ML/100L WATER	GAL/HA	ML/HA	TIMING
Blueberries (High & Low Bush), Melon, Watermelon, Cantaloupe	50	100	20-40	400-800	Small fruit stage to increase yield and size
Strawberries	40-60	80-120	40-60	800-1200	Apply 10-30 days after planting when plants have 1-6 leaves. Spray to point of run-off. Do not apply after mid-May or to fruiting plants.
Sweet Cherries	20	40	20	400	At straw-yellow colour for larger firmer fruit and better storage
Stone Fruit	40-80	80-160	16-32	300-600	At small fruitstage, 1-4 weeks before harvest
Cranberry	20-40	40-80	20-40	400-800	Small fruit stage to increase yield and size
Apples/Pears	10-40	20-80	10-40	200-800	Small fruit stage to increase yield and size
Wine Grapes	5-20	10-40	5-20	100-400	Apply at emergence of rachis before anthesis to increase crop yield. Do not exceed rate and only apply at stated timing

CONTINUED ON OTHER SIDE

FIELD CROPS: Spray water volume should be 100-200 L/ha unless otherwise stated. Use spray nozzles designed for coverage of foliage. Herbicide flood nozzles are not recommended. Do not exceed recommended Grams of Active Ingredient per Hectare (Grams AI/HA). Grassland and brassica applications are made at the start of spring or the end of autumn growing periods. Applications for cereal grains and corn are made at the beginning of the season.

CROP	PPM	ML/100L WATER	G AI/HA	ML/HA	TIMING
Corn	5-10	10-20	5-10	100-200	Apply at emergence of leaves V2-V6. Apply up to two applications.
Hops	10-15	20-30	10-15	200-300	One application when vine growth is 1.5-2.5 meters (5-8 feet) long.
Soybeans	5-10	10-20	5-10	100-200	Spray once during early flowering and once during mid-flowering.
Canola, Barley, Rye, Oats, Sorghum, Triticale, Turnip, Kale, Grassland & Pasture, Annual & Perennial Forage Grasses	5-10	10-20	5-10	100-200	Apply 1-3 times every 3-4 weeks in the spring when 2.5-5 cm of green has emerged and in the autumn when growth has slowed due to cool temperatures. Best results are obtained when average temperatures are between 4.5 and 15.5°C. Apply during early tillering growth stages prior to stem elongation to avoid lodging. Optimum timing for cereals is growth stage V3-V4. Application to cereal grains during stem elongation (jointing onwards) can result in lodging.
Broccoli & Cauliflower	100	200	100	2000 (2L)	Apply when plants have 6-8 leaves & stem diameter ranges from 0.5-1.0 cm.
Celery	8-20	20-40	10-20	200-400	Apply once 1-4 weeks prior to harvest. Use lower concentrations 3-4 weeks before harvest and higher concentrations 1-2 weeks before harvest. Do not apply more than 4 weeks before harvest.
Peppers	2.5-7.5	5-15	2.5-7.5	50-150	To promote plant growth: 1st application at 2 weeks after transplant. Repeat every two weeks through grow cycle. To promote fruit growth: Apply every week through bloom cycle. To increase fruit size: Apply once at start of picking.
Spinach	15-25	30-50	15-25	300-500	Apply once with 110-550 L of water per ha by ground 10-18 days before each anticipated harvest (Fall and overwintered spinach). For best results apply when daytime temperatures are 4.5-21°C, during early morning hours when dew is present. When applied to promote growth of second cutting, wait until some re-growth has started before spraying. As promotion of bolting may occur, do not apply after mid-winter period or if temperatures may exceed 25°C within several days of application. Do not apply on spring plantings.

GOLF COURSES, PARKS, TURF FARMS: Do not exceed specified rates. Maintain adequate moisture and proper fertilization programs for your local area. Keep high rate applications at least 2-weeks apart. Do not use on dormant turf. Stop treatments if thinning is observed. More frequent mowing may be necessary.

CROP	PPM	ML/100L WATER	G AI/HA	ML/HA	TIMING
Bermudagrass - Cool weather	25	50	25	500	Apply weekly with 275-1000 litres water per hectare
	50	100	50	1000 (1L)	Apply bi-weekly with 275-1000 litres water per hectare
Bermudagrass - Warm weather	2.7-7.5	5-15	2.7-7.5	50-150	Apply weekly with 275-1000 litres water per hectare

ORNAMENTAL CROPS:

CROP	PPM	ML/100L WATER	G AI/HA	ML/HA	TIMING
Bedding Plants, Annual/Perennial Potted Crops, Field Grown Ornamentals, Bulb Crops	1-25	2-50	1-25	50-500	Apply a single application directly to plant foliage to promote plant growth.
African Violets	15	30	15	300	Apply once during active growth
Chrysanthemum (Pompom)	25-60	50-100	25-60	500-1000	Apply once 4-5 weeks after initiation of short day conditions
Fuchsia, Geranium	250	500	250	5000 (5L)	Apply for 4 consecutive weeks after plant has reached desired size to produce tree forms by stem elongation
Hanging pots (spring)	50	100	50	100	Apply once at bud formation or flowering

CANNABIS NOTE: DO NOT STORE SOLUTION MORE THAN 2 WEEKS. FRESH SOLUTION IS MORE EFFECTIVE.					
	PPM	ML/100L WATER	G AI/HA	ML/HA	TIMING
Foliar	10-20	20-40	10-20	200-400	Beginning of budding, followed by 2nd application 7-10 days later
Drench/Reservoir	5	1ml/10L (5tsp/50L)	N/A	N/A	Apply at the beginning of flowering stage for 2 weeks

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