



# **PRODUCT** CATALOG

2022 / 2023



**ez-gro.com**









# About Us

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EZ-GRO specializes in the manufacturing and distribution of agricultural specialty nutrients and plant stimulators, offering a wide range of products for fruit, vegetable, turf and greenhouses. We pride ourselves on our unique formulations and ready-to-go programs.

Working with distributors to develop plant nutrition for private label customers, we care about getting the right products into the right hands. Our current push is certified organic and EPA/CFIA registered plant food, with staff solely committed to product registration at your disposal. We are also one of the few North American manufacturers that offer a full line of phosphite liquids.

EZ-GRO is truly a one-stop destination for product development and registration.

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# Contact Us

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For more information or to locate a dealer or distributor near you:

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**ORGANIC**  
*PRODUCTS*





# NITROGEN 5-0-0

## Description

Nature's Nectar Nitrogen is suitable for organic use, contains no sediment and has been manufactured so all nutrients are instantly available to your plant. Nature's Nectar Nitrogen can be used in conjunction with the full Nature's Nectar line for a complete feeding program or as a standalone nitrogen supplement. Nature's Nectar: for exceptional growth, quality and yield.

## Guaranteed Analysis

Total Nitrogen (N)..... 5%  
5% Water Soluble Nitrogen

## Derived From

Soy Protein Hydrolysate

## Advantages

Replaces Synthetic Nitrogen Sources  
Completely Solubilized  
Easy Application  
Improves Soil Condition

## Available Sizes

1 L / 1 Quart  
4L / 1 Gallon  
20L / 5 Gallon  
200L / 55 Gallon  
1000L / 265 Gallon

## Usage Tips

- Always add nutrients to water. Never pre-mix nutrients.
- Always check and adjust pH accordingly.
- Clean all equipment between grow cycles.
- Change reservoir weekly.



## Usage Instructions:

Hydroponic, Coco, and  
Soilless Medium Directions:

- Vegetative stage and General Purpose: Use at a rate of 2ml per litre (1.6tsp per gallon) of water once per week or with every feeding.
- Flowering Stage and Heavy Fruiting: Use at a rate of 4ml per litre (3.2tsp per gallon) of water once per week or with every feeding.

## Soil Directions:

- Vegetative stage and General Purpose: Use at a rate of 2ml per litre (1.6tsp per gallon) of water twice per week.
- Flowering Stage and Heavy Fruiting: Use at a rate of 4ml per litre (3.2tsp per gallon) of water twice per week.

## Foliar Application:

To green plant leaves, use at a rate of 1ml per litre (0.8tsp per gallon) of water and mist leaves once per week.



# POTASSIUM 0-0-5



APPROVED BY ECO CERT

## Description

Nature's Nectar Potassium is suitable for organic use, contains no sediment and has been manufactured so all nutrients are instantly available to your plant. Nature's Nectar Potassium can be used in conjunction with the full Nature's Nectar line for a complete feeding program or as a standalone potassium supplement.

Nature's Nectar: for exceptional growth, quality and yield.

## Guaranteed Analysis

Soluble Potash (K<sub>2</sub>O)..... 5%

## Derived From

Kelp Extract (*Ascophyllum Nodosum*),  
Potassium Hydroxide

## Advantages

Fast Release Potassium  
Completely Solubilized

## Available Sizes

1 L / 1 Quart  
4 L / 1 Gallon  
20 L / 5 Gallon  
200 L / 55 Gallon  
1000 L / 265 Gallon

## Usage Tips

- Always add nutrients to water. Never pre-mix nutrients.
- Always check and adjust pH accordingly.
- Clean all equipment between grow cycles.
- Change reservoir weekly.



## Usage Instructions:

Hydroponic, Coco, and  
Soilless Medium Directions:

- Vegetative stage and General Purpose:  
Use at a rate of 3ml per litre (2.4tsp per gallon)  
of water once per week or with every feeding.
- Flowering Stage and Heavy Fruiting:  
Use at a rate of 6ml per litre (4.8tsp per gallon)  
of water once per week or with every feeding.

## Soil Directions:

- Vegetative stage and General Purpose:  
Use at a rate of 3ml per litre (2.4tsp per gallon)  
of water twice per week.
- Flowering Stage and Heavy Fruiting:  
Use at a rate of 6ml per litre (4.8tsp per gallon)  
of water twice per week.



# CALCIUM-MAGNESIUM 1-0-1



## Description

Nature's Nectar Calcium-Magnesium is a liquid suspension supplement designed to help stressed plants that is suitable for organic use. It also contains natural biostimulants and growth promoters such as humic acid, kelp extract, amino acids, and yucca extract. Nature's Nectar Calcium-Magnesium can be used in conjunction with the full Nature's Nectar line for a complete feeding program or as a standalone nitrogen supplement.

## Guaranteed Analysis

Total Nitrogen (N).....	1%
<i>1% Water Soluble Nitrogen</i>	
Soluble Potash (K <sub>2</sub> O).....	1%
Calcium (Ca).....	9%
Magnesium (Mg).....	2%

## Derived From

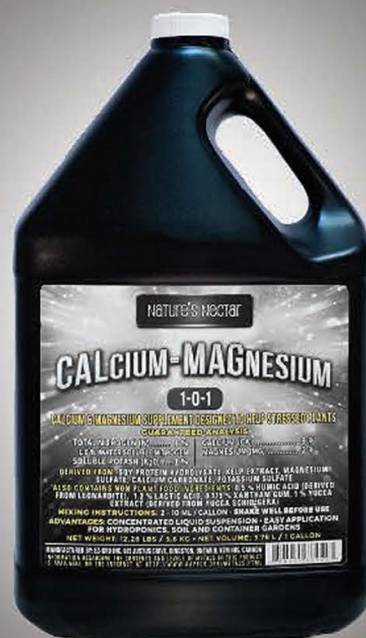
Soy Protein Hydrolysate, Kelp Extract, Magnesium Sulfate, Calcium Carbonate, Potassium Sulfate

## Advantages

Concentrated Liquid Suspension  
Stacked Formulation with Natural Biostimulants, Easy Application  
Improves Plant Vitality and Reduces Environmental Stress

## Available Sizes

1 L / 1 Quart  
4 L / 1 Gallon  
20 L / 5 Gallon  
200 L / 55 Gallon  
1000 L / 265 Gallon



## Usage Instructions:

### SHAKE WELL BEFORE USE

Hydroponic, Coco, and Soilless Medium  
Directions:

- Use at a rate of 0.5-2ml per litre (0.4-2tsp per gallon) of water once per week or with every feeding for the entire life-cycle of the plant or as needed.

### Soil Directions:

- Use at a rate of 0.5-2ml per litre (0.4-2tsp per gallon) of water twice per week for the entire life-cycle of the plant or as needed.

### Usage Tips:

- Always add nutrients to water. Never pre-mix nutrients.
- Always check and adjust pH accordingly.
- Clean all equipment between grow cycles.
- Change reservoir weekly.



# ORGANA ADD 2-0-0



## Description

Organa Add is a super-concentrated micronutrient supplement designed to promote more vigorous plant growth and vitality that is suitable for organic use. Micronutrients are essential to healthy plants at all stages of growth and development. Organa Add is designed to be used in conjunction with a regular and existing fertilizer program. Organa Add can be used in conjunction with the full Nature's Nectar line for a complete feeding program or as a standalone nitrogen supplement.

## Guaranteed Analysis

Total Nitrogen (N) .....	2.0%
2.0% Water Soluble Nitrogen	
Boron (B) .....	0.075%
0.075% Water Soluble Boron	
Soluble Copper (Cu) .....	0.16%
0.16% Water Soluble Copper	
Soluble Iron (Fe) .....	0.18%
0.18% Water Soluble Iron	
Soluble Manganese (Mn) .....	0.28%
0.28% Water Soluble Manganese	
Soluble Zinc (Zn) .....	2.10%
2.10% Water Soluble Zinc	

## Derived From

Soy Protein Hydrolysate, Copper Sulfate, Manganese Sulfate, Ferrous Sulfate, Zinc sulfate and Borax.

## Advantages

- Maximizes fruiting and flowering
- Helps withstand environmental stress
- Increases plant vitality
- Chlorophyll content increases
- Photosynthesis process is enhanced and leads to better growth of crops

## Usage Instructions:

### Hydroponic:

- Use at a rate of 0.25-0.5ml per litre (0.2-0.4 tsp per gallon) of water once per week or with every feeding for the entire life-cycle of the plant or as needed.

### Coco, and Soilless Medium Directions:

- Use at a rate of 1-2ml per litre (0.8-1.6 tsp per gallon) of water twice per week for the entire life-cycle of the plant or as needed.

## Soil Directions:

- Vegetative stage and General Purpose: Use at a rate of 2ml per litre (1.6tsp per gallon) of water twice per week.
- Flowering Stage and Heavy Fruiting: Use at a rate of 4ml per litre (3.2tsp per gallon) of water twice per week.

## Foliar Application:

Use at a rate of 1-2ml per litre (0.8-1.6tsp per gallon) of water and mist leaves once per week.



# AMINO GRO 13-0-0

## Description

Aminogro 13-0-0 is a plant macronutrient supplement containing 13% water-soluble nitrogen derived from amino acids.

Nitrogen is a critical nutrient for proper development of all plants, and without adequate amounts, fruit and flower size and yield can be drastically reduced.

As crops are harvested, soil nitrogen is depleted, risking the starvation of future progeny. Use Aminogro to feed your plants this essential element and improve the overall production quality and quantity.

## Guaranteed Analysis

Total Nitrogen (N)..... 13%  
13% Water Soluble Nitrogen  
Amino Acids..... 80%

## Advantages

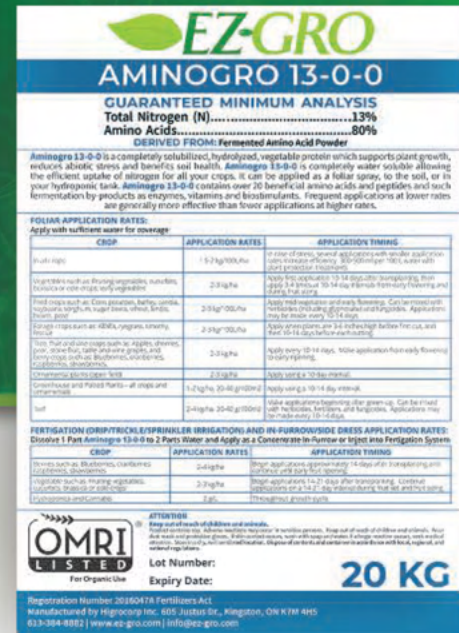
- CFIA Registered and Approved
- Completely Water Soluble
- 80% Protein Hydrolysate/Amino Acid Derived
- Supports Plant Growth and Benefits Soil Health

## Available Sizes

1 kg  
5 kg  
10 kg  
20 kg

## Usage Tips

See label for detailed usage directions.



### Usage Instructions:

**Background:**

- Nitrogen plays a key role in seeding, fruiting, and rapid growth, and is stored in fruit, seeds, roots and chlorophyll
- Nitrogen is essential for photosynthesis – without it plants are unable to convert sunlight into usable energy and often suffer severe growth defects
- Amino acids are required for many cellular processes and pathways and therefore a large proportion of cellular energy is allocated to the creation of these building blocks
- The less metabolic energy the plant spends on building proteins and/or amino acids, the more metabolic energy that is spent on other processes, i.e. growth, fruiting and flowering





# N 18-0-0

## PLANT & SOIL SUPPLEMENT

### Description

EZ-Gro N 18-0-0 is an organic plant macronutrient supplement containing 100% water-soluble nitrogen. Nitrogen is a critical nutrient for proper development of all plants, and without adequate amounts, fruit and flower size and yield can be drastically reduced. As crops are harvested, soil nitrogen is depleted, risking the starvation of future progeny. Use EZ-Gro N 18-0-0 to feed your plants this essential element and improve the overall production quality and quantity.

- **SUITABLE FOR ORGANIC USE**
- **IMPROVES NUTRIENT UPTAKE**
- **IMPROVES CROP GROWTH**
- **100% WATER SOLUBLE**
- **NATURAL CHELATING AGENT**
- **98.5% AMINO ACID DERIVED**

### Guaranteed Minimum Analysis

18.00% Nitrogen, 98.50% Amino Acids

### Background

- Nitrogen plays a key role in seeding, fruiting, and rapid growth, and is stored in fruit, seeds, roots and chlorophyll
- Nitrogen is essential for photosynthesis –without it plants are unable to convert sunlight into usable energy and often suffer severe growth defects
- Amino Acids are required for many cellular processes and pathways and therefore a large proportion of cellular energy is allocated to the creation of these building blocks
- The less metabolic energy the plant spends on building proteins and/or amino acids, the more metabolic energy that is spent on other processes, i.e. growth, fruiting and flowering



## N 18-0-0

### GUARANTEED MINIMUM ANALYSIS

Total Nitrogen (N).....18%  
Amino Acids.....98.5%  
DERIVED FROM: Fermented Amino Acid Powder

EZ-Gro N 18-0-0 is a completely solubilized, hydrolyzed, vegetable protein which supports plant growth, reduces abiotic stress and benefits soil health. EZ-Gro N 18-0-0 is completely water soluble allowing the efficient uptake of nitrogen for all your crops. It can be applied as a foliar spray, to the soil, or in your hydroponic tank. Frequent applications at lower rates are generally more effective than fewer applications at higher rates.

FOLIAR APPLICATION RATES: Apply with sufficient water for coverage		
CROP	APPLICATION RATES	APPLICATION TIMING
In all crops:	1.5-2 kg/100L/ha (1.25-1.75 l/100 gal)	In case of stress, several applications with smaller application rates increase efficiency.
Vegetables such as: Fruiting vegetables, cucurbits, brassica or cole crops; leafy vegetables.	2-3 kg/ha (1.75-2.625 l/100 gal)	Apply first application 10-14 days after transplanting, then apply 3-4 times at 10-14 day intervals from early flowering and during fruit sizing.
Field crops such as: Corn, potatoes, barley, canola, soybeans, sorghum, sugar beets, wheat, lentils, beans, peas	2-3 kg/100L/ha (1.75-2.625 l/100 gal)	Apply mid-vegetative and early flowering. Can be mixed with herbicides (including glyphosate) and fungicides. Applications may be made every 10-14 days.
Forage crops such as: Alfalfa, ryegrass, timothy, fescue	2-3 kg/100L/ha (1.75-2.625 l/100 gal)	Apply when plants are 7-15cm (3-6 inches) high before first cut, and then 10-14 days before each cutting.
Tree, fruit and vine crops such as: Apples, cherries, pear, stone fruit, table and wine grapes, and berry crops such as: Blueberries, cranberries, raspberries, strawberries	2-3 kg/ha (1.75-2.625 l/100 gal)	Apply every 10-14 days. Make application from early flowering to early ripening.
Ornamental plants (open field)	2-3 kg/ha (1.75-2.625 l/100 gal)	Apply using a 10 day interval.
Greenhouse and Potted Plants – all crops and ornamentals	1-2 kg/ha (0.875-1.75 l/100 gal) or 10-20 g/100m <sup>2</sup> (0.35-0.7 oz/1000 sqft)	Apply using a 10-14 day interval.
Turf	2-4 kg/ha (1.75-3.5 l/100 gal) (0.71-1.4 oz/1000 sqft)	Make applications beginning after green up. Can be mixed with fertilizers. Applications may be made every 10-14 days.

### FERTIGATION (DRIP/TRICKLE/SPRINKLER IRRIGATION) AND IN-FURROW/SIDE DRESS APPLICATION RATES: Dissolve 1 Part EZ-Gro N 18-0-0 to 4 Parts Water and Apply as a Concentrate In-Furrow or Inject into Fertigation System

CROP	APPLICATION RATES	APPLICATION TIMING
Berries such as: Blueberries, cranberries, raspberries, strawberries	2-4 kg/ha (1.75-3.5 l/100 gal)	Begin applications approximately 14 days after transplanting and continue until early fruit ripening.
Vegetable such as: Fruiting vegetables, cucurbits, brassica or cole crops	2-3 kg/ha (1.75-2.625 l/100 gal)	Begin applications 14-21 days after transplanting. Continue applications on a 14-21 day interval during fruit set and fruit sizing.
Hydroponics and Cannabis	2 g/L (1 oz/4 gal)	Apply to roots weekly throughout grow and bloom
Soil & compost	2kg (1 oz) per gallon	Apply to soil and mix thoroughly



Lot Number: AH20190110  
Expiry Date: 2021.01.09

Registration Number 2019011A Fertilizers Act  
Manufactured by Higo Corp Inc. 605 Justus Dr., Kingston, ON K7M 4H5  
613-384-8882 | www.ez-gro.com | info@ez-gro.com

**25 KG | 55.12 LBS**

### Application Rates:

**In all crops | 1.5-2 kg/100L/ha**

In case of stress, several applications with smaller application rates increase efficiency. 300-500 ml per 100 L water with plant protection treatments

**Vegetables such as: Fruiting vegetables, cucurbits, brassica or cole crops; leafy vegetables | 2-3 kg/ha**

First application 10-14 days after transplanting, then apply 3-4 times at 10-14 day intervals from early flowering and during fruit sizing

**Field crops such as: Corn, potatoes, barley, canola, soybeans, sorghum, sugar beets, wheat, lentils, beans, peas | 2-3 kg/100L/ha**

Apply mid-vegetative and early flowering. Can be mixed with herbicides (including glyphosate) and fungicides. Applications may be made every 10-14 days

**Forage crops such as: Alfalfa, ryegrass, timothy, fescue | 2-3 kg/100L/ha**

Apply when plants are 3-6 inches high before first cut, and then 10-14 days before each cutting.

**Tree, fruit and vine crops such as: Apples, cherries, pear, stone fruit, table and wine grapes, Blueberries, cranberries, raspberries, strawberries | 2-3 kg/ha**

Apply every 10-14 days. Make application from early flowering to early ripening.

**Ornamental plants (open field) | 2-3 kg/ha**

Apply using a 10 day interval.

**Greenhouse and Potted Plants – all crops and ornamentals | 1-2 kg/ha**

Apply using a 10-14 day interval.

**Turf | 2-4 kg/ha**

Make applications beginning after green up. Can be mixed with herbicides, fertilizers, and fungicides. Applications may be made every 10-14 days.





# FULVIC ACID 0-0-3

## Description

EZ-GRO Fulvic Acid is an organic non-plant food soil or foliar treatment that is 100% water-soluble and offers many benefits to your soil and crops. It is considered an efficient and effective method to enhance the uptake of endogenous and exogenous nutrients, allowing it to optimize your current fertilizer program. Fulvic acid is a potent organic electrolyte that enhances cell division and elongation, which leads to a significant magnification of root growth. It also offers protection against certain abiotic stresses like drought and salinity due to its alteration of water transport and storage, and can also help stabilize the pH of your soil. Apply EZ-GRO Fulvic Acid in addition to your regular fertilizer regime to reap the many benefits on crop production and soil composition.

## Guaranteed Analysis

Fulvic Acid..... 70%  
Soluble Potash (K<sub>2</sub>O)..... 3%

## Advantages

- CFIA Registered and Approved
- Suitable for organic use
- Can Enhance Nutrient Uptake
- Promotes Cell Division and Elongation
- Improves Moisture Storage

## Available Sizes

25 kg

## Usage Tips

See label for detailed usage directions.



## Usage Instructions:

### Background:

- When foliar applied, fulvic acid can increase oxygen uptake capacity, thereby increasing chlorophyll production – this leads to an increase in nutrient uptake
- Humic substances, including both humic and fulvic acid, are one of the largest constituents of soil matter and are therefore considered a key component of the ecosystem
- Fulvic acid is a potential natural chelating agent – may help protect against heavy metal toxicity
- Fulvic acid has been shown to significantly increase marketable yield of fruits during multiple field trials



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For Organic Use



# HUMIC ACID 80% 0-0-5

## Description

EZ-GRO Humic Acid is an organic non-plant food soil or foliar treatment that is 100% water soluble and offers many benefits to your soil and crops. It is considered an efficient and effective method to enhance the uptake of endogenous and exogenous nutrients, allowing it to optimize your current fertilizer program.

Humic acid has been shown to enhance soil structure and fertility, alter nutrient root architecture to improve nutrient uptake, and even reduce metal toxicity through its chelating properties.

Apply EZ-GRO Humic Acid with your regular fertilizer program to stimulate germination, enhance root, leaf and shoot growth, and protect your plants against heavy metal toxicity.

## Guaranteed Analysis

Humic Acid..... 80%  
Soluble Potash (K<sub>2</sub>O)..... 5%

## Advantages

- CFIA Registered and Approved
- Suitable for organic use
- Powerful Fungi Promoter
- Aids in Moisture and Nutrient Retention
- Promotes Seed Germination

## Available Sizes

25 kg

## Usage Tips

See label for detailed usage directions.



## Usage Instructions:

### Background:

- Though the exact mechanism of action is still unclear, it is believed that humic acid benefits plant growth directly by improving nutrient uptake via hormonal action
- Humic substances, including both humic and fulvic acid, are one of the largest constituents of soil matter and are therefore considered a key component of the ecosystem
- Some evidence links humic acid with auxin-like activity which results in the stimulation of growth
- Humic acid has been proven to increase uptake of numerous essential nutrients from soil and has shown significant increases in growth and yield (upwards of 40%)
- Humic acid has even been shown to increase the post-harvest vase life of cut flowers and decreased their post-harvest weight loss



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For Organic Use



# KELP EXTRACT 0-0-16

## Description

EZ-Gro Kelp Extract 0-0-16 is an organic plant nutrient containing derived 100% kelp extract and containing 16% soluble potassium. When applied in small quantities, seaweed extracts demonstrate growth stimulating activities.

It has been shown to benefit early germination and establishment, enhance crop production and quality, and even boosts resistance to abiotic stress. The components of seaweed extract include macro and microelements, amino acids, vitamins, cytokinins, auxins, and numerous others that work synergistically to stimulate growth and production.

Finally, seaweed extracts have been associated with an increased resistance to environmental stress. Add EZ-Gro Kelp Extract 0-0-16 to your regular fertilization routine to improve soil environment and stimulate growth of almost any crop.

## Guaranteed Analysis

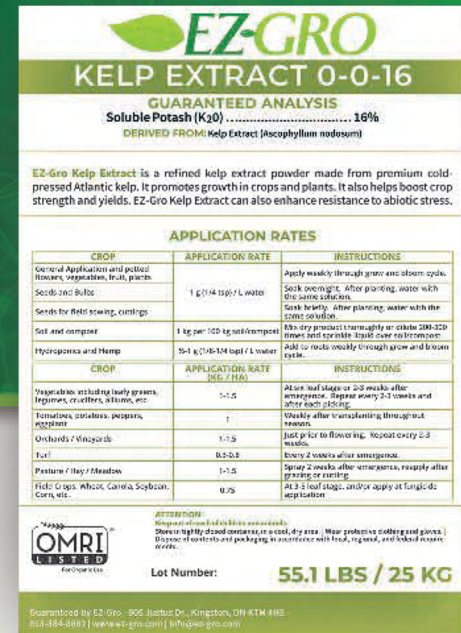
Soluble Potash (K<sub>2</sub>O)..... 16%  
Kelp Extract (*Ascophyllum nodosum*)..... 100%

## Derived From

Kelp Extract (*Ascophyllum nodosum*)

## Available Sizes

25 kg



## Background:

- Use of seaweed as a plant biostimulant is a well established practice
- Seaweed extracts are highly bioactive even at low concentrations
- The various components of seaweed extract (hormones, betaines, sterols etc.) all play their own role and work together to elicit the many benefits observed when used as fertilizer
- Seaweed has also been shown to enhance soil composition as certain components may trigger the proliferation so beneficial rhizobacteria, which secrete soil conditioning compounds

## Usage Tips:

See label for detailed usage directions.



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BY ECO CERT





# BORON 8% 9-0-0

## Description

Ez-Gro Boron is a versatile plant nutrient supplement powder, which exploits amino acid chelation to enhance its bioavailability boron. Boron is an essential macronutrient required for proper reproductive and vegetative growth as well as development of most plants. It is involved in the development and maintenance of many structural components of cells, and therefore many growth deficiencies are seen without adequate levels. Add EZ-GRO Boron to your current fertilizer regimen to fix boron deficiencies and improve growth, yield and quality of your plants.

## Guaranteed Analysis

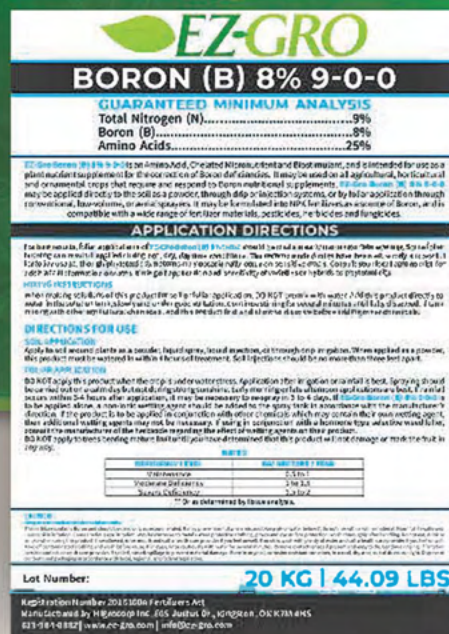
Total Nitrogen (N)..... 9%  
Boron (B)..... 8%  
Amino Acids..... 25%

## Advantages

- CFIA Registered and Approved
- Chelated with Amino Acids
- Improves Plant Growth, Quality and Yield
- Corrects Boron Deficiencies

## Available Sizes

20 kg



## Usage Tips:

May be used on all agricultural, horticultural and ornamental crops that require and respond to Boron nutritional supplements.

Can be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers.

Can be formulated into NPK fertilizers as a source of Boron, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and fungicides.

See label for detailed usage directions.



# CALCIUM 10% 8-0-0

## Description

Ez-Gro Calcium is a versatile plant nutrient supplement powder, which exploits amino acid chelation to enhance its bioavailability. As an essential second messenger, calcium is associated with virtually all aspects of plant growth and development and acts as a signal to elongate both shoots and roots. It is also crucial for the proper incorporation of cell wall components, and therefore has a structural role in the quality of plant development.

Add EZ-GRO Calcium to your current fertilizer regimen to remedy calcium deficiencies and improve growth, yield and quality of your plants.

## Guaranteed Analysis

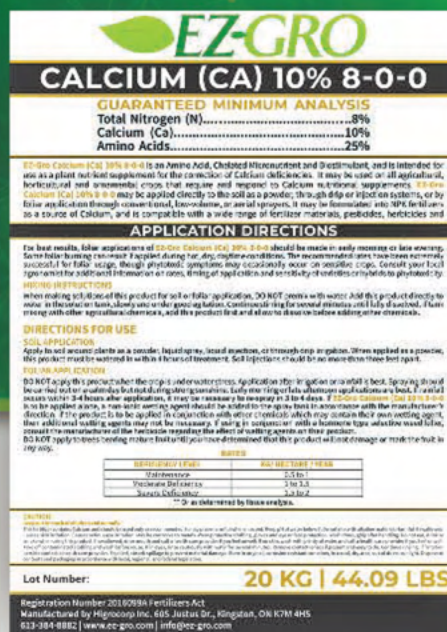
Total Nitrogen (N)..... 8%  
Calcium (Ca)..... 10%  
Amino Acids..... 25%

## Advantages

- CFIA Registered and Approved
- Chelated with Amino Acids
- Improves Plant Growth, Quality and Yield
- Corrects Calcium Deficiencies

## Available Sizes

20 kg



## Usage Tips:

May be used on all agricultural, horticultural and ornamental crops that require and respond to Calcium nutritional supplements.

Can be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers.

Can be formulated into NPK fertilizers as a source of Calcium, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and fungicides.

See label for detailed usage directions.



# COPPER 10% 10-0-0

## Description

Ez-Gro Copper is a plant nutrient supplement powder, which exploits amino acid chelation to enhance its bioavailability. Copper is an essential metal required for the proper growth and development of plants as it is a cofactor for multiple enzymes, particularly those involved in photosynthetic electron transport. Add EZ-GRO Copper to your current fertilizer regimen to remedy copper deficiencies and boost growth, yield and quality of your plants.

## Guaranteed Analysis

Total Nitrogen (N)..... 8%  
Copper (Cu)..... 10%  
Amino Acids..... 25%

## Advantages

- CFIA Registered and Approved
- Chelated with Amino Acids
- Improves Plant Growth, Quality and Yield
- Corrects Copper Deficiencies

## Available Sizes

20 kg



## Usage Tips:

May be used on all agricultural, horticultural and ornamental crops that require and respond to Copper nutritional supplements.

Can be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers.

Can be formulated into NPK fertilizers as a source of Copper, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and fungicides.

See label for detailed usage directions.



**IRON**  
**10% 10-0-0**

### Description

Ez-Gro Iron is a plant nutrient supplement powder, which exploits amino acid chelation to enhance its bioavailability. Iron is an essential micronutrient that plays a critical role in macromolecule synthesis, respiration and photosynthesis as it acts as a prosthetic group with important enzymes.

Add EZ-GRO Iron to your current fertilizer regimen to remedy iron deficiencies and boost growth, yield and quality of your plants.

## Guaranteed Analysis

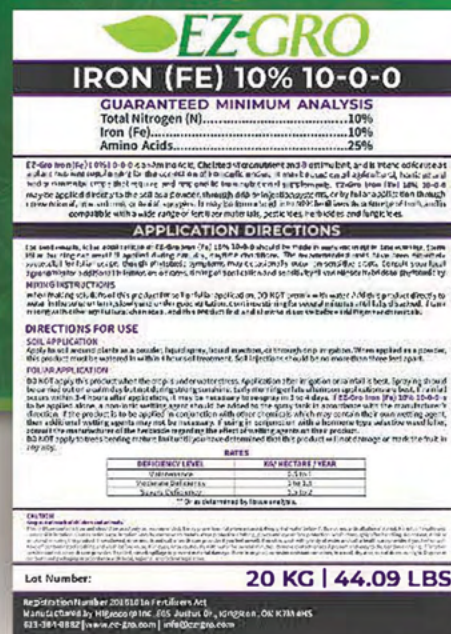
Total Nitrogen (N).....	10%
Iron (Fe).....	10%
Amino Acids.....	25%

## Advantages

- CFIA Registered and Approved
- Chelated with Amino Acids
- Improves Plant Growth, Quality and Yield
- Corrects Iron Deficiencies

## Available Sizes

20 kg



### Usage Tips:

May be used on all agricultural, horticultural and ornamental crops that require and respond to Iron nutritional supplements.

Can be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers.

Can be formulated into NPK fertilizers as a source of Iron, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and fungicides.

See label for detailed usage directions.



**MAGNESIUM**  
**6% 9-0-0**

## Description

EZ-GRO Magnesium is a plant nutrient supplement powder, which exploits amino acid chelation to enhance its bioavailability. Magnesium is an important element that is crucial for photosynthesis, however it is often overlooked in terms of plant nutrition. It is especially sensitive to yield dilution, resulting in decreased soil levels in subsequent growing seasons. The exogenous application of magnesium to deficit soil can enhance root formation, chlorophyll synthesis and photosynthetic rate and efficiency. Add EZ-GRO Magnesium to your current fertilizer regimen to remedy magnesium deficiencies and boost growth, yield and quality of your plants.

## Guaranteed Analysis

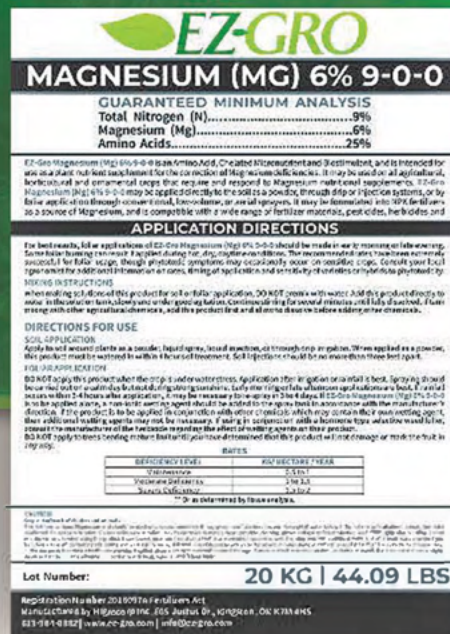
Total Nitrogen (N).....	9%
Magnesium (Mg).....	6%
Amino Acids.....	25%

## Advantages

- CFIA Registered and Approved
- Chelated with Amino Acids
- Improves Plant Growth, Quality and Yield
- Corrects Magnesium Deficiencies

### Available Sizes

20 kg



### Usage Tips:

May be used on all agricultural, horticultural and ornamental crops that require and respond to Magnesium nutritional supplements.

Can be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers.

Can be formulated into NPK fertilizers as a source of Magnesium, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and fungicides.

See label for detailed usage directions.



# MANGANESE

## 10% 10-0-0

## Description

EZ-GRO Manganese is a plant nutrient supplement powder, which exploits amino acid chelation to enhance its bioavailability.

Manganese is an important element that is present naturally in small amounts in most soils. Low levels of manganese stimulate growth by enhancing the efficiency of photosynthesis.

Add EZ-GRO Manganese to your current fertilizer regimen to remedy manganese deficiencies and boost growth, yield and quality of your plants.

## Guaranteed Analysis

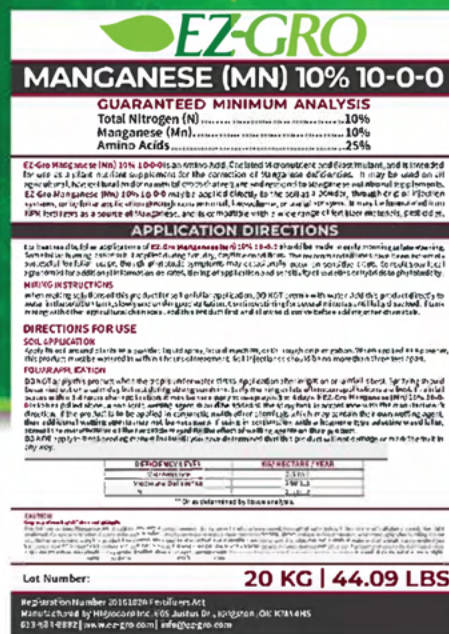
Total Nitrogen (N).....	10%
Manganese (Mn).....	10%
Amino Acids.....	25%

## Advantages

- CFIA Registered and Approved
- Chelated with Amino Acids
- Improves Plant Growth, Quality and Yield
- Corrects Manganese Deficiencies

### Available Sizes

20 kg



### Usage Tips:

May be used on all agricultural, horticultural and ornamental crops that require and respond to Manganese nutritional supplements.

Can be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers.

Can be formulated into NPK fertilizers as a source of Manganese, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and fungicides.

See label for detailed usage directions.



# ZINC 10% 10-0-0

## Description

EZ-GRO Zinc is a plant nutrient supplement powder, which exploits amino acid chelation to enhance its bioavailability. Nearly all plants can benefit from the application of Zn, leading to enhanced yields, increased growth, and proper development.

Add Ez-Gro Zinc 10% to your regular fertilizer regime to fix zinc deficiencies and boost production and quality of your crops.

## Guaranteed Analysis

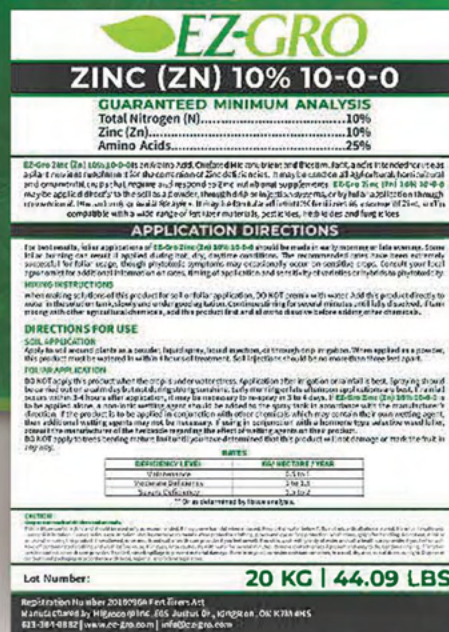
Total Nitrogen (N).....	10%
Zinc (Zn).....	10%
Amino Acids.....	25%

## Advantages

- CFIA Registered and Approved
- Chelated with Amino Acids
- Improves Plant Growth, Quality and Yield
- Corrects Zinc Deficiencies

## Available Sizes

20 kg



## Usage Tips:

May be used on all agricultural, horticultural and ornamental crops that require and respond to Zinc nutritional supplements.

Can be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers.

Can be formulated into NPK fertilizers as a source of Zinc, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and fungicides.

See label for detailed usage directions.



# ORGANIC POWDER GROW 9-1.5-7

## Description

Ez-Gro Organic Powder Grow 9-1.5-7 is an all-in-one vegetative plant food suitable for organic use. It contains all major: nitrogen, potassium and phosphorus. Secondary: calcium and magnesium, as well as many organic micro nutrients: iron, copper, boron and zinc.

Humic acid is also included to improve soil structure and nutrient uptake. Humic acid can also enhance the root architecture of the plant.

## Guaranteed Analysis

Total Nitrogen (N).....	9%
Water Soluble Nitrogen.....	9%
Available Phosphoric Acid (P2O5).....	0.5%
Soluble Potash (K2O).....	7%
Calcium (Ca) .....	4.5%
Magnesium (Mg).....	1.00%
Manganese (Mn) .....	0.32%
Water Soluble Manganese.....	0.32%
Zinc (Zn).....	0.35%
Water Soluble Zinc.....	0.35%
Boron (B).....	0.0875%
Water Soluble Boron.....	0.0875%
Copper (Cu).....	0.125%
Water Soluble Copper.....	0.125%
Iron (Fe).....	0.2%
Water Soluble Iron.....	0.2%

## Derived From

Rock Phosphate, Soy Protein Hydrolysate, Ferrous Sulphate, Manganese Sulphate, Zinc Sulphate, Sodium Borate, Potassium Sulphate, Kelp Extract, Magnesium Sulphate, Copper Sulphate

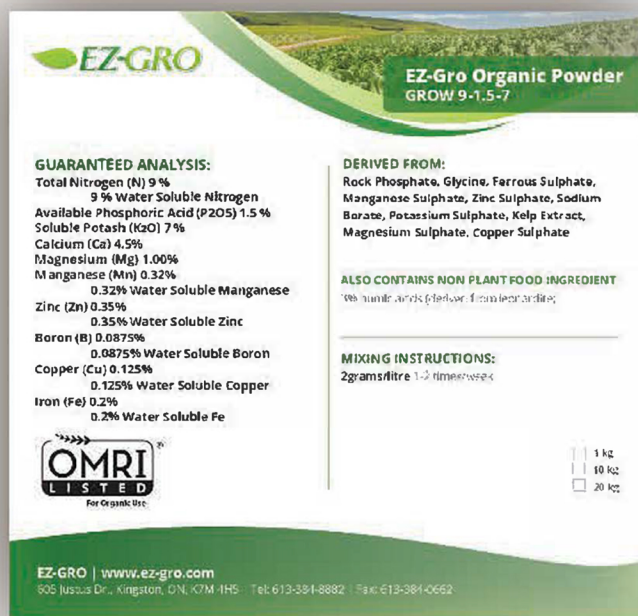
## Available Sizes

1 kg / 10 kg / 20 kg

## Usage Instructions:

### Soil Direction:

Dissolve 2 grams per litre of water 1-2 times per week.





# ORGANIC POWDER BLOOM 6-2-12

## Description

Ez-Gro Organic Powder Bloom 6-2-12 is an all-in-one powdered nutrient for the flowering / bloom stage that is suitable for organic use. It contains all major (nitrogen, potassium and phosphorus) nutrients as well as secondary (calcium and magnesium), and micro nutrients (zinc, copper, boron and iron). A non-plant food ingredient (humic acid) has been added to improve nutrient uptake, soil structure, and root architecture.

## Guaranteed Analysis

Total Nitrogen (N).....	6%
6 % Water Soluble Nitrogen	
Available Phosphoric Acid (P2O5).....	2%
Soluble Potash (K2O).....	12 %
Calcium (Ca).....	5.5%
Magnesium (Mg).....	1.00%
Manganese (Mn).....	0.32%
0.32% Water Soluble Manganese	
Zinc (Zn).....	0.35%
0.35% Water Soluble Zinc	
Boron (B).....	0.0875%
0.0875% Water Soluble Boron	
Copper (Cu).....	0.125%
0.125% Water Soluble Copper	
Iron (Fe).....	0.2%
0.2% Water Soluble Fe	

## Derived From

Rock Phosphate, Soy Protein Hydrolysate Potassium Chloride, Ferrous Sulphate, Manganese Sulphate, Zinc Sulphate, Sodium Borate, Potassium Sulphate, Kelp Extract, Magnesium Sulphate, Copper Sulphate

## Available Sizes

1 kg / 10 kg / 20 kg

## Usage Instructions:

### General Application:

3 grams/litre 1-2 times/week





# ORGANIC TRANSPLANT SUSPENSION 1-3-1

## Description

Ez-Gro Organic Transplant 1-3-1 is a suspension formula suitable for organic use. It can be used to transplant or as a general purpose nutrient.

This product contains the major nutrients, nitrogen, potassium, phosphorus, and non-plant food ingredient fulvic acid.

Fulvic acid is considered an efficient and effective method to enhance the uptake of endogenous and exogenous nutrient.

Fulvic acid also offers protection against certain abiotic stresses like drought and salinity.

## Guaranteed Analysis

Total Nitrogen (N).....	1.0%
Water Soluble Nitrogen.....	1.0%
Available Phosphorus (P <sub>2</sub> O <sub>5</sub> ).....	3.0%
Soluble Potash (K <sub>2</sub> O).....	1.0%

## Derived From

Soy Protein Hydrolysate  
Potassium Sulphate  
Rock Phosphate

## Available Sizes

4L (4kg)  
10L (10kg)  
20L (20kg)

## Also contains non plant food ingredients:

Fulvic acid

## Usage Instructions:

**SHAKE WELL BEFORE EACH USE**

## Soil Directions:

2-5 ml when transplanting or as a general purpose.





# ORGANIC GROW SUSPENSION 3-1-1

## Description

Ez-Gro Organic Grow Suspension 3-1-1 is a suspension formula designed for vegetative growth and suitable for organic use.

This product contains all major nutrient, nitrogen, potassium, and phosphorus, as well as micronutrient zinc and non-plant food ingredient yucca extract.

Yucca is a rich source of steroidal saponins; yucca extracts act as natural surfactant or wetting agent. Yucca extract can protect against heat, drought, salt, and UV stress.

## Guaranteed Analysis

Total Nitrogen (N)..... 3.0%  
3% Water Soluble Nitrogen  
Available Phosphorus (P<sub>2</sub>O<sub>5</sub>)..... 1.0%  
Soluble Potash (K<sub>2</sub>O)..... 1.0%

## Derived From

Potassium Sulphate  
Soy Protein Hydrolysate  
Man- Ganes Sulphate  
Copper Sulphate  
zinc sulphate  
Rock Phosphate

## Available Sizes

4L (4kg)  
10L (10kg)  
20L (20kg)

## Also contains non plant food ingredients:

Yucca Extract

## Usage Instructions:

**SHAKE WELL BEFORE EACH USE**

## Soil Directions:

Vegetative state or general purpose:

Use at a rate of 2-5 ml per litre, 2 times per week.

## General Application:

Use 2 - 5 ml per litre of water





# ORGANIC BLOOM SUSPENSION 1-2-4

## Description

Ez-Gro Organic Bloom Suspension 1-2-4 is a suspension formula designed for the flowering stage that is suitable for organic use. This product contains the major nutrients (nitrogen, potassium and phosphorus) as well as an array of organic micronutrients such as iron and boron.

Humic acid, a non-plant food ingredient, has been added as it has been shown to enhance soil structure and fertility, as well as alter nutrient root architecture to improve nutrient uptake.

## Guaranteed Analysis

Total Nitrogen (N).....	1.0%
1% Water Soluble Nitrogen	
Available Phosphorus (P2O5).....	2.0%
Soluble Potash (K2O).....	4.0%
Iron (Fe) .....	0.004%
0.004% Water Soluble Iron	
Boron (B).....	0.001%

## Derived From

Potassium Sulphate  
Ferrous Sulphate,  
Soy Protein Hydrolysate  
Rock Phosphate,  
Kelp Extract  
Boric Acid

## Available Sizes

4L (4kg)  
10L (10kg)  
20L (20kg)

## Also contains non plant food ingredients:

Humic acid

## Usage Instructions:

### Soil Directions:

Bloom/flowering stage:

Use at 2-5 ml per litre of water twice per week.





# ORGANIC CALCIUM 6%



## Description

EZ-Gro Organic Calcium is a liquid calcium supplement.

Calcium is essential to plant health and for and leaf development.

It is completely soluble for improved nutrient uptake by plants, and provides fast relief to plants under calcium deficiency stress.

## Guaranteed Analysis

Calcium (Ca)..... 6.00%

## Derived From

Calcium Carbon-ate

## Available Sizes

4L  
6L  
10L  
20L

## Application Rates:

### Foliar Application:

Use 2 to 4 litres per hectare. Apply to plant foliage to point of run-off throughout growing season, as needed.

### Soil Application:

Use 8 to 16 litres per hectare. Apply in irrigation water until ground is saturated. Continued applications every 7 to 14 days, at rate of 2 litres per hectare through growing season, as needed.

### Nursery & Container:

Mix 5 - 15 ml per litre of water. Can be applied as a foliar spray or as a soil drench. Continue use through the season as needed.

### Hydroponics & Soilless Mediums:

Use 1 - 2.5 ml per litre of water in reservoir once per week or as needed through the entire lifecycle of the plant.

### Turf & Lawns:

Use 80 - 150 ml per 100 square metres. Apply through irrigation water. Continue applications at rate 25ml per 100 square metres, every 7 to 14 days as needed.





# ORGANIC CALCIUM MAGNESIUM



## Description

EZ-Gro Organic Calcium- Magnesium is a liquid calcium and magnesium supplement, Calcium and magnesium are essential to plant health and for and leaf development.

It is completely soluble for improved nutrient uptake by plants, and provides fast relief to plants under calcium and magnesium deficiency stress.

## Guaranteed Analysis

Calcium (Ca).....	4.00%
Magnesium (Mg).....	1.65%

## Available Sizes

4L / 4.6kg  
6L / 6.98kg  
10L / 11.64kg  
20L / 23.28kg

## Derived From

Calcium Carbonate  
Magnesium Chloride

## Application Rates:

### Foliar Application:

Use 2 to 4 litres per hectare. Apply to plant foliage to point of run-off throughout growing season, as needed.

### Soil Application:

Use 8 to 16 litres per hectare. Apply in irrigation water until ground is saturated. Continued applications every 7 to 14 days, at rate of 2 litres per hectare through growing season, as needed.

### Nursery & Container:

Mix 5 - 15 ml per litre of water. Can be applied as a foliar spray or as a soil drench. Continue use through the season as needed.

### Hydroponics & Soilless Mediums:

Use 1 - 2.5 ml per litre of water in reservoir once per week or as needed through the entire lifecycle of the plant.

### Turf & Lawns:

Use 80 - 150 ml per 100 square metres. Apply through irrigation water. Continue applications at rate 25ml per 100 square metres, every 7 to 14 days as needed.





# SPURT 2-0-1



## Description

Spurt is a liquid nutrient based on kelp extract and amino acids that is suitable for organic use.

Spurt helps to enlarge the root system of plants, aids in better absorption of nutrients from the soil and promotes overall growth and vitality.

Spurt also contains natural biostimulants cytokinin and gibberellin.

## Guaranteed Analysis

Total Nitrogen (N)..... 2%  
2% Water Soluble Nitrogen  
Soluble Potash (K<sub>2</sub>O)..... 1%

## Advantages

- Dual purpose bio-activator that contains kelp extract and amino acids
- Contains secondary, micronutrients, natural complexing and chelating agent
- Contains natural growth stimulants such as cytokines and gibberellins

## Available Sizes

1 L / 1 Quart  
4 L / 1 Gallon  
20 L / 5 Gallon  
200 L / 55 Gallon  
1000 L / 265 Gallon

## Derived From

Protein Hydrolysate  
Kelp  
Potassium Hydroxide

## Usage Instructions:

### Hydroponic, Coco, and Soilless Medium Directions:

- Use at a rate of 1-2ml per litre (0.8-1.6tsp per gallon) of water once per week or with every feeding after transplant.

### Soil Directions:

- Use at a rate of 2-4ml per litre (1.6-3.2tsp per gallon) of water twice once week or with every feeding after transplant.

### Foliar Application (Recommended):

- Use at a rate of 0.5ml per litre (0.4tsp per gallon) of water and mist plants every 10-14 days.

## Usage Tips:

- Spurt should not be mixed with mineral acids, sulfur and alkali.
- Spray solutions should be kept within 4-9 pH range.
- Always add nutrients to water. Never pre-mix nutrients.
- Always check and adjust pH accordingly.
- Clean all equipment between grow cycles.
- Change reservoir weekly.





# PHOSPHORUS SUSPENSION 0-3-0



## Description

Nature's Nectar Phosphorus Suspension is a liquid suspension and has been manufactured so some nutrients are instantly available to your plant and some are slow release. It is suitable for organic use.

Nature's Nectar Phosphorus Suspension can be used in conjunction with the full Nature's Nectar line for a complete feeding program or as a standalone phosphorus supplement.

## Guaranteed Analysis

Available Phosphate (P<sub>2</sub>O<sub>5</sub>)..... 3%  
Calcium (Ca)..... 6%

## Advantages

- Provides a fast release source of Phosphorus and Calcium
- Liquid Suspension
- Promotes Fruit and Flower

## Available Sizes

1 L / 1 Quart  
4L / 1 Gallon  
20L / 5 Gallon  
200L / 55 Gallon  
1000L / 265 Gallon

## Derived From

Rock Phosphate

## Usage Instructions:

### SHAKE WELL BEFORE EACH USE

#### *Hydroponic, Coco, and Soilless Medium Directions:*

- Vegetative stage and General Purpose: Use at a rate of 6ml per litre (4.8tsp per gallon) of water once per week or with every feeding.
- Flowering Stage and Heavy Fruiting: Use at a rate of 12ml per litre (9.6tsp per gallon) of water once per week or with every feeding.

#### *Soil Directions:*

- Vegetative stage and General Purpose: Use at a rate of 6ml per litre (4.8tsp per gallon) of water twice per week.
- Flowering Stage and Heavy Fruiting: Use at a rate of 12ml per litre (9.6tsp per gallon) of water twice per week.

## Usage Tips:

- Always add nutrients to water. Never pre-mix nutrients.
- Always check and adjust pH accordingly.
- Clean all equipment between grow cycles.
- Change reservoir weekly.





# EZ-GRO YUCCA

## Description

Yucca is a rich source of steroidal saponins, whose extract acts as a natural surfactant or wetting agent. Surfactants work to reduce surface tension between water particles, which facilitates spreading. It also enables water to spread evenly through soil, reducing the presence of dry spots and water channels.

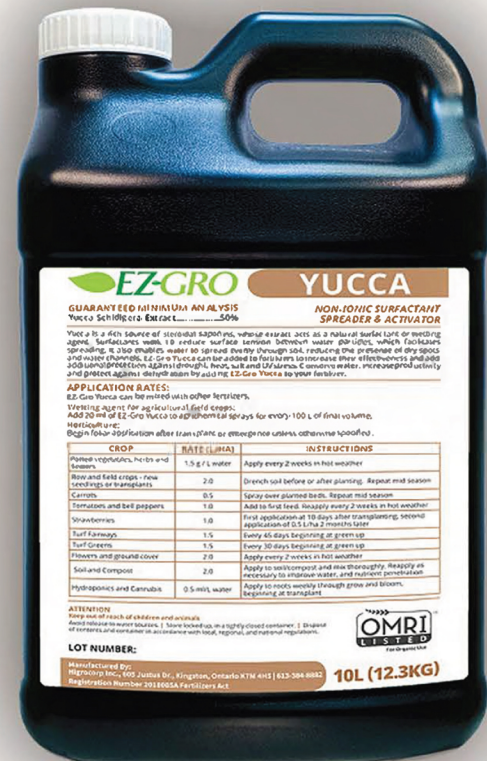
EZ-Gro Yucca can be added to fertilizers to increase their effectiveness and add additional protection against drought, heat, salt and UV stress. Conserve water, increase productivity and protect against dehydration by adding EZ-Gro Yucca to your fertilizer.

## Advantages

- Yucca is a natural surfactant and when added to biostimulants can increase their effectiveness and add additional protection against drought, heat, salt and UV stress.
- Yucca acts as an effective wetting agent, reducing water loss amongst crops and cuttings.
- It also enables water to spread evenly through soil, reducing the presence of dry spots and water channels.

## Available Sizes

10L



APPROVED  
BY ECO CERT





# ENZYMATIC COMPLEX WATER CONDITIONER

## Description

EZ-Gro Enzymatic Complex Water Conditioner consists of specially designed enzymes that accelerate the process of breaking down dead root material into usable nutrition for your plants. It is suitable for organic use.

These enzymes improve the natural conversion process of transforming dead root material into beneficial minerals and sugars that help improve the health and growth of plants.

They also activate microorganisms that aid in this naturally beneficial process.

The results are stronger roots that absorb more nutrients and result in plants with increased rates of growth and photosynthesis.

By improving the root system of plants, EZ-Gro Enzymatic Complex Water Conditioner enhances the soil and root zone environment and improves the ability of plants to transport water and nutrients.

## Advantages

- Suitable for organic use
- Enhances Root Health and Vitality
- Activates Beneficial Microorganisms
- Improves Soil and Root System Health

## Available Sizes

1 L  
4 L  
20 L

## Usage Instructions:

### *Hydroponic, Coco, and Soilless Medium Directions:*

- Use at a rate of 1.25-3.75ml per litre (1-3 tsp per gallon) of water once per week or with every feeding for the entire life-cycle of the plant or as needed.

### *Soil Directions:*

- Use at a rate of 1.25-3.75ml per litre (1-3 tsp per gallon) of water twice per week for the entire life-cycle of the plant or as needed.





# ORGANIC GROW POWDER 8-4-6

## Description

EZ-Gro Organic Grow Powder 8-4-6 is an all-in-one vegetative plant food suitable for organic use. It contains all major (nitrogen, potassium and phosphorus), secondary (calcium and magnesium), as well as many micro nutrients.

Humic acid is also included to improve soil structure and nutrient uptake. Humic acid can also enhance the root architecture of the plant.

## Guaranteed Analysis

Total Nitrogen (N).....	8.00%
8% Water Soluble Nitrogen	
Available Phosphate (P2O5).....	4.00%
Soluble Potash (K2O).....	6.00%
Calcium (Ca).....	3.00%
Magnesium (Mg).....	1.00%
Boron (Bo).....	0.088%
0.088% Water Soluble Boron	
Copper (Cu).....	0.125%
0.125% Water Soluble Copper	
Iron (Fe).....	0.20%
0.20% Water Soluble Iron	
Manganese (Mn).....	0.32%
0.32% Water Soluble Manganese	
Zinc (Zn).....	0.35%
0.35% Water Soluble Zinc	

## Derived From


Steamed Bone Meal, Vegetable Protein Hydrolysate, Potassium Sulfate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate, Sodium Borate, Kelp Extract, Magnesium Sulfate, Copper Sulfate

## Also contains non-plant food ingredients:

3.0% Humic Acids (derived from Leonardite)

## Available Sizes

20 KG (44.09 LBS)



### ORGANIC GROW POWDER 8-4-6

**GUARANTEED ANALYSIS**

Total Nitrogen (N)..... 8.00%

8% Water Soluble Nitrogen

Available Phosphate (P2O5)..... 4.00%

Soluble Potash (K2O)..... 6.00%

Calcium (Ca)..... 3.00%

Magnesium (Mg)..... 1.00%

Boron (Bo)..... 0.088%

0.088% Water Soluble Boron

Copper (Cu)..... 0.125%

0.125% Water Soluble Copper

Iron (Fe)..... 0.20%

0.20% Water Soluble Iron

Manganese (Mn)..... 0.32%

0.32% Water Soluble Manganese

Zinc (Zn)..... 0.35%

0.35% Water Soluble Zinc

**DERIVED FROM:** Steamed Bone Meal, Vegetable Protein Hydrolysate, Potassium Sulfate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate, Sodium Borate, Kelp Extract, Magnesium Sulfate, Copper Sulfate

**ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:**  
3.0% Humic Acids (derived from Leonardite)

ATTENTION: Keep out of reach of children and animals. Store and dispose properly in a cool, dry and well-ventilated area. Avoid breathing dust. Use gloves when handling. Do not allow for contamination streams, ponds, lakes or other water sources.

**Manufactured by: EZ-GRO | [www.ez-gro.com](http://www.ez-gro.com)**  
605 Justus Dr., Kingston, Ontario K7M 4H5 | 613-384-8882

Organic Grow Powder 8-4-6 is a plant food designed to improve soil conditions and optimize nutrition for plants. For use in the organic production of tomatoes, vegetables and fruits at bloom.

**APPLICATION:**

**HOW TO APPLY:** Organic Grow Powder 8-4-6 is a powdered plant food that **MUST BE MIXED WITH WATER BEFORE APPLYING.**

**WHEN TO APPLY:** Start at the first sign of bloom development, feed plants at every second watering until harvesting is completed. During very hot or very dry conditions, moisten the soil before fertilizing.

FOR POTTED PLANTS (indoor/outdoor)	FOR OUTDOOR PLANTINGS
Mix 15 g per 5 L	Mix 30 g per 5 L

**HOW MUCH TO APPLY:** 5 L covers 0.5 m<sup>2</sup> (5.4 ft<sup>2</sup>) or the surface of 10 pots of 20 cm (8") diameter.

**20 KG  
(44.09 LBS)**

LOT NUMBER:  
When calling regarding the contents and levels of solids, this product is available on the website at <http://www.ez-gro.com>

## Application:

### How to apply:

Organic Grow Powder 8-4-6 is a powdered plant food that **MUST BE MIXED WITH WATER BEFORE APPLYING.**

### When to apply:

Start at the first sign of bloom development, feed plants at every second watering until harvesting is completed. During very hot or very dry conditions, moisten the soil before fertilizing.

### FOR POTTED PLANTS (indoor/outdoor)

Mix 15 g per 5 L

### FOR OUTDOOR PLANTINGS

Mix 30 g per 5 L

### How much to apply:

5 L covers 0.5 m<sup>2</sup> (5.4 ft<sup>2</sup>) or the surface of 10 pots of 20 cm (8") diameter.



# ORGANIC BLOOM POWDER 6-8-12

## Description

EZ-Gro Organic Bloom Powder 6-8-12 is an all-in-one flowering plant food suitable for organic use. It contains all major (nitrogen, potassium and phosphorus), secondary (calcium and magnesium), as well as many micro nutrients.

Humic acid is also included to improve soil structure and nutrient uptake. Humic acid can also enhance the root architecture of the plant.

## Guaranteed Analysis

Total Nitrogen (N).....	6.00%
6% Water Soluble Nitrogen	
Available Phosphate (P2O5).....	8.00%
Soluble Potash (K2O).....	12.00%
Calcium (Ca).....	6.00%
Magnesium (Mg).....	1.00%
Boron (Bo).....	0.088%
0.088% Water Soluble Boron	
Copper (Cu).....	0.125%
0.125% Water Soluble Copper	
Iron (Fe).....	0.20%
0.20% Water Soluble Iron	
Manganese (Mn).....	0.32%
0.32% Water Soluble Manganese	
Zinc (Zn).....	0.35%
0.35% Water Soluble Zinc	


## Derived From

Steamed Bone Meal, Vegetable Protein Hydrolysate, Potassium Sulfate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate, Sodium Borate, Kelp Extract, Magnesium Sulfate, Copper Sulfate

**Also contains non-plant food ingredients:**  
3.0% Humic Acids (derived from Leonardite)

## Available Sizes

20 KG (44.09 LBS)



**ORGANIC BLOOM POWDER 6-8-12**

**GUARANTEED ANALYSIS**

Total Nitrogen (N).....	6.00%
6% Water Soluble Nitrogen	
Available Phosphate (P2O5).....	8.00%
Soluble Potash (K2O).....	12.00%
Calcium (Ca).....	6.00%
Magnesium (Mg).....	1.00%
Boron (Bo).....	0.088%
0.088% Water Soluble Boron	
Copper (Cu).....	0.125%
0.125% Water Soluble Copper	
Iron (Fe).....	0.20%
0.20% Water Soluble Iron	
Manganese (Mn).....	0.32%
0.32% Water Soluble Manganese	
Zinc (Zn).....	0.35%
0.35% Water Soluble Zinc	

**DERIVED FROM:** Steamed Bone Meal, Vegetable Protein Hydrolysate, Potassium Sulfate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate, Sodium Borate, Kelp Extract, Magnesium Sulfate, Copper Sulfate

**ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:**  
3.0% Humic Acids (derived from Leonardite)

Organic Bloom Powder 6-8-12 is a plant food designed to improve soil conditions and optimize nutrition for plants. For use in the organic production of tomatoes, vegetables and fruits at bloom.

**APPLICATION:**

**HOW TO APPLY:** Organic Bloom Powder 6-8-12 is a powdered plant food that **MUST BE MIXED WITH WATER BEFORE APPLYING.**

**WHEN TO APPLY:** Start at the first sign of bloom development, feed plants at every second watering until harvesting is completed. During very hot or very dry conditions, moisten the soil before fertilizing.

FOR POTTED PLANTS (indoor/outdoor)	FOR OUTDOOR PLANTINGS
Mix 15 g per 5 L	Mix 30 g per 5 L

**HOW MUCH TO APPLY:** 5 L covers 0.5 m2 (5.4 ft2) or the surface of 10 pots of 20 cm (8") diameter.

**20 KG (44.09 LBS)**

**LOT NUMBER:**

Information regarding the contents and health of plants is provided to the customer at the time of purchase at <http://www.ezgro.com>

**ATTENTION:** Keep out of reach of children and animals. Store out of direct sunlight in a cool, dry and well-ventilated area. Avoid breathing dust. Use gloves when handling this product. Do not allow to contaminate streams, ponds, lakes or other water sources.

Manufactured by: EZ-GRO | [www.ez-gro.com](http://www.ez-gro.com)  
605 Justus Dr., Kingston, Ontario K7M 4H5 | (613) 384-8882

## Application:

### How to apply:

Organic Bloom Powder 6-8-12 is a powdered plant food that **MUST BE MIXED WITH WATER BEFORE APPLYING.**

### When to apply:

Start at the first sign of bloom development, feed plants at every second watering until harvesting is completed. During very hot or very dry conditions, moisten the soil before fertilizing.

### FOR POTTED PLANTS (indoor/outdoor)

Mix 15 g per 5 L

### FOR OUTDOOR PLANTINGS

Mix 30 g per 5 L

### How much to apply:

5 L covers 0.5 m2 (5.4 ft2) or the surface of 10 pots of 20 cm (8") diameter.





**CFIA**  
**REGISTERED**  
**AGRICULTURAL**  
PRODUCTS





# CFIA Quick Reference Guide

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Starters & Root Promoters

Plant Growth Enhancers

Plant & Soil Protectants

Plant & Soil Supplements

Amino Acid Chelates

Bio-APP™





# ROOTING POWDER (SOFT CUTTINGS)

STARTER & ROOT PROMOTER

## Description

EZ-Gro Rooting Powder (Soft Cuttings) promotes root growth and reduces transplant shock. For use with annuals, perennials, woody ornamentals, and cannabis.

## Guaranteed Minimum Analysis

0.10% IBA, 0.01% Humic Acid, 0.01% Protein Hydrolysate, 0.01% Yucca Extract, 0.002% Vitamin B1, 0.002% Vitamin C, 0.002% Salicylic Acid



## ROOTING POWDER (SOFT CUTTINGS)

### GUARANTEED MINIMUM ANALYSIS

3-Indolebutyric Acid (IBA).....0.1%  
Humic Acid.....0.01%  
Protein Hydrolysate.....0.01%  
Yucca Extract.....0.01%  
Vitamin B1.....0.002%  
Vitamin C.....0.002%  
Salicylic Acid.....0.002%

**EZ-Gro Rooting Powder (Soft Cuttings)** promotes root growth and reduces transplant shock. For use with annuals, perennials, woody ornamentals, and cannabis.

**ATTENTION: Keep out of reach of children and animals.**

Store in original container. | Dispose of empty container in accordance with local, regional and national regulations.

**ATTENTION: Gardez hors de portée des enfants et des animaux.**

Conserver dans le récipient d'origine. | Jeter le récipient vide conformément aux réglementations locale, régionale et nationale.

### LOT NUMBER:

Manufactured By: HigoCorp Inc., 605 Justus Dr., Kingston, Ontario K7M 4H5 | 613-384-8882  
Registration Number 2018048A Fertilizers Act

1 KG

### APPLICATION DIRECTIONS

Pour the required amount of **EZ-Gro Rooting Powder** into a separate container. Create a dibble hole in media prior to planting to prevent removing the rooting powder during sticking. Trim the cutting to 5-25 cm (2-10 in) long with a diagonal cut just below a node or leaf. Dip the basal end of the cutting 3-6 cm (1-2 in) into the rooting powder. Stick treated cuttings into media. Discard used rooting powder. Rooting times will vary with the species being propagated.

# ROOTING POWDER (MEDIUM CUTTINGS)

STARTER & ROOT PROMOTER

## Description

EZ-Gro Rooting Powder (Medium Cuttings) promotes root growth and reduces transplant shock. For use with annuals, perennials, woody ornamentals, and cannabis.

## Guaranteed Minimum Analysis

0.30% IBA, 0.01% Humic Acid, 0.01% Protein Hydrolysate, 0.01% Yucca Extract, 0.002% Vitamin B1, 0.002% Vitamin C, 0.002% Salicylic Acid



## ROOTING POWDER (MEDIUM CUTTINGS)

### GUARANTEED MINIMUM ANALYSIS

3-Indolebutyric Acid (IBA).....0.3%  
Humic Acid.....0.01%  
Protein Hydrolysate.....0.01%  
Yucca Extract.....0.01%  
Vitamin B1.....0.002%  
Vitamin C.....0.002%  
Salicylic Acid.....0.002%

**EZ-Gro Rooting Powder (Medium Cuttings)** promotes root growth and reduces transplant shock. For use with annuals, perennials, woody ornamentals, and cannabis.

**ATTENTION: Keep out of reach of children and animals.**

Store in original container. | Dispose of empty container in accordance with local, regional and national regulations.

**ATTENTION: Gardez hors de portée des enfants et des animaux.**

Conserver dans le récipient d'origine. | Jeter le récipient vide conformément aux réglementations locale, régionale et nationale.

### LOT NUMBER:

Manufactured By: HigoCorp Inc., 605 Justus Dr., Kingston, Ontario K7M 4H5 | 613-384-8882  
Registration Number 2018047A Fertilizers Act

1 KG

### APPLICATION DIRECTIONS

Pour the required amount of **EZ-Gro Rooting Powder** into a separate container. Create a dibble hole in media prior to planting to prevent removing the rooting powder during sticking. Trim the cutting to 5-25 cm (2-10 in) long with a diagonal cut just below a node or leaf. Dip the basal end of the cutting 3-6 cm (1-2 in) into the rooting powder. Stick treated cuttings into media. Discard used rooting powder. Rooting times will vary with the species being propagated.



# EZ-ROOT GEL

STARTER & ROOT PROMOTER

## Description

EZ-Root Gel contains 2 plant hormones to encourage new root development in semi-hard cuttings.

### ANALYSE MINIMALE GARANTIE (PAR POIDS)

Acide Indole-3-Butyric (AIB).....0.50%  
Acide Naphtalénacétique (ANA).....0.25%

**DIRECTIONS:** Verser la quantité désirée de gel dans un récipient séparé. Jeter après usage. Plongez le bout de la bouture dans le Gel de EZ-Racine jusqu'au dessus de la coupe diagonale. Ensuite placer les boutures dans le substrat de croissance. Les temps d'enracinement peut varier selon l'espèce. Transplanter les boutures lorsqu'ils sont en racine.  
**ATTENTION:** Garder hors de la portée des enfants et les animaux. Éviter le contact avec la peau et les yeux. Laver les mains à l'eau après usages. Garder un endroit frais et sec, hors de la lumière directe du soleil.

LOT NUMBER / NUMÉRO DE LOT:

## EZ-ROOT GEL GEL DE EZ-RACINE

EZ-Root Gel contains 2 plant hormones to encourage new root development in semi-hard cuttings including medical marijuana

Gel de EZ-Racine contient 2 hormones de plante pour aider le nouveau développement de racine dans les boutures semidures, y compris la marijuana médicale

8oz



220mg

### MINIMUM GUARANTEED ANALYSIS (BY WEIGHT)

Indole-3-Butyric Acid (IBA).....0.50%  
Naphthaleneacetic Acid (NAA).....0.25%

**DIRECTIONS:** Pour desired amount of gel into a separate container. Discard after use. Dip the cutting into the EZ-Root Gel up to the top of the diagonal cut. Following dipping, immediately place cuttings into growing medium. Rooting times may vary depending on species. Transplant cuttings once they are rooted.

**ATTENTION:** Keep out of reach of children and animals. Avoid contact with skin and eyes. Wash hands after use. Store in a cool, dry area, out of direct sunlight.

Manufactured by / Fabriqué par:  
Higrocorp Inc., 605 Justus Dr., Kingston, Ontario, Canada K7M 4H5 613-384-8882 info@ez-gro.com  
Registration Number 2003503A Fertilizers Act / Numéro d'enregistrement 2018046A Loi sur les engrais

# GRO-ROOT GEL

STARTER & ROOT PROMOTER

## Description

Gro-Root Gel contains plant hormones and biostimulants to encourage new root development in soft & semi-hard cuttings including medical marijuana.

### MINIMUM GUARANTEED ANALYSIS (BY WEIGHT) ANALYSE MINIMALE GARANTIE (PAR POIDS)

Indole-3-Butyric Acid (IBA) / Acide Indole-3-Butyric (AIB).....0.45%  
Naphthaleneacetic Acid (NAA) / Acide Naphtalénacétique (ANA).....0.01%  
Salicylic Acid / Acide Salicylique.....0.002%  
Vitamin B1 / Vitamine B1.....0.002%  
Vitamin C / Vitamine C.....0.002%  
Humic Acid / Acide Humique.....0.001%  
Protein Hydrolysate / Hydrolysate Protéique.....0.001%  
Yucca Extract / Extrait de Yucca.....0.001%

LOT NUMBER / NUMÉRO DE LOT:

## GRO-ROOT GEL GEL DE RACINE

Gro-Root Gel contains plant hormones and biostimulants to encourage new root development in soft & semi-hard cuttings including medical marijuana.

Gel de Racine contient hormones de plante et biostimulants pour aider le nouveau développement de racine dans doux et les boutures semi-dures, y compris la marijuana médicale.

8oz



220mg

**DIRECTIONS:** Pour desired amount of gel into a separate container. Discard after use. Dip the cutting into the Gro-Root Gel up to the top of the diagonal cut. Following dipping, immediately place cuttings into growing medium. Rooting times may vary depending on species. Transplant cuttings once they are rooted.

**ATTENTION:** Keep out of reach of children and animals | Store in a cool, dry area, out of direct sunlight.

**DIRECTIONS:** Verser la quantité désirée de gel dans un récipient séparé. Jeter après usage. Plongez le bout de la bouture dans le Gel de Racine jusqu'au dessus de la coupe diagonale. Ensuite placer les boutures dans le substrat de croissance. Les temps d'enracinement peut varier selon l'espèce. Transplanter les boutures lorsqu'ils sont en racine.  
**ATTENTION:** Garder hors de la portée des enfants et les animaux | Garder un endroit frais et sec, hors de la lumière directe du soleil

Manufactured by / Fabriqué par:  
Higrocorp Inc., 605 Justus Dr., Kingston, Ontario, Canada K7M 4H5 613-384-8882 info@ez-gro.com  
Registration Number 2003503A Fertilizers Act / Numéro d'enregistrement 2018046A Loi sur les engrais

# 420 ROOTING GEL

STARTER & ROOT PROMOTER

## Description

420 Rooting Gel contains 3-IBA plant growth regulator found to initiate and encourage new root development in cuttings in cannabis.

### ANALYSE MINIMALE GARANTIE (PAR POIDS)

Acide Indole-3-Butyric (AIB).....0.20%

**DIRECTIONS:** Ce dosage est recommandé pour une utilisation sans suppléments. Sélectionner les boutures sur des plantes en santé et couper en diagonale (2"-8" / 5-20 cm). Enrober complètement la partie coupée de Gel d'Enracinement 420, puis placer immédiatement dans le médium de croissance. Le temps d'enracinement peut varier selon le type de plante.

**ATTENTION:** Garder hors de la portée des enfants et des animaux. Entreposer dans un endroit frais et sec, à l'abri de la lumière directe du soleil. Éliminer le contenu et le récipient conformément aux réglementations locales, régionales et nationales.

LOT NUMBER / NUMÉRO DE LOT:

## 420 ROOTING GEL GEL D'ENRACINEMENT 420

420 Rooting Gel contains 3-IBA plant growth regulator found to initiate new root development in cuttings in cannabis.

Gel d'Enracinement 420 contient le régulateur de croissance 3-IBA pour développer de nouvelles racines sur les boutures dans la cannabis.

8oz



220mg

### MINIMUM GUARANTEED ANALYSIS (BY WEIGHT)

Indole-3-Butyric Acid (IBA).....0.20%

**DIRECTIONS:** This dosage is recommended for use without supplements. Select cuttings from healthy plants and trim cutting (2-8 in / 5-20 cm) with a diagonal cut. Completely coat the cut portion in 420 Rooting Gel, then place immediately into grow medium. Rooting time may vary depending on the type of plant.

**ATTENTION:** Keep out of reach of children and animals. Store locked up, in a cool, dry area, out of direct sunlight. Dispose of contents and container in accordance with local, regional, and national regulations

Manufactured by / Fabriqué par:  
Higrocorp Inc., 605 Justus Dr., Kingston, Ontario, Canada K7M 4H5 613-384-8882 info@ez-gro.com  
Registration Number 2018155A Fertilizers Act / Numéro d'enregistrement 2018046A Loi sur les engrais



# SPROUT

## STARTER & ROOT PROMOTER

### Description

EZ-Gro Sprout contains 2 plant growth regulators to stimulate rapid and vigorous root development and strong plant growth. Increases germination of seeds and promotes root growth and yields in field crops. It contains Indole-3-butyric Acid (IBA) and Naphthaleneacetic Acid (NAA). Together these compounds stimulate root formation and promote the development of adventitious roots. This can enhance the roots of crops and reduce transplant shock.

- CONTAINS 2 PLANT GROWTH REGULATORS (PGR)
- FORMULA HELPS REDUCE TRANSPLANT SHOCK
- PROMOTES SUCCESSFUL ROOTING

### Guaranteed Minimum Analysis

0.90% IBA  
0.50% NAA

### Background

- IBA is an endogenous plant hormone that gets converted to IAA to promote the development of adventitious roots
- NAA is a synthetic auxin that leads to root formation when used at low dosages
- Both NAA and IBA are more effective when applied exogenously than IAA as they do not breakdown as rapidly once taken up by the plant

**SPROUT**

**GUARANTEED MINIMUM ANALYSIS**  
Indole-3-Butyric Acid (IBA).....0.9%  
Naphthalene Acetic Acid (NAA).....0.5%

EZ-Gro Sprout contains 2 plant growth regulators (pgr) to stimulate rapid and vigorous root development and strong plant growth. Increases germination of seeds and promotes root growth and yields in field crops.

**Seed Treatment Application**  
Apply with enough water for coverage. Compatible with most dyes

Crop	Application Rate
Soy, Cereal Grains	150 ml per metric ton of seed
Canola	75 ml per metric ton of seed

**ATTENTION**  
Keep out of reach of children and animals. Store locked up, tightly closed, in a dry, well-ventilated area. | Dispose of contents and packaging in accordance with local, regional, and federal requirements.

**LOT NUMBER:**  
Manufactured By: Hlgrocorp Inc., 605 Justus Dr., Kingston, Ontario K7M 4H5 | 613-384-8882  
Registration Number 2003002A Fertilizers Act

**DIRECTIONS:**  
Apply with enough water for coverage

**Field Carrots and Other Root Vegetables:** Use 250 ml/1000 L water (100-150 ml/ha, 40-60 ml/acre) for foliar spray or 160 ml/ha (65 ml/acre) as in furrow. 1st application: spray the day before transplant. 2nd application: 21 days after transplant. 3rd application: 21 days after last application.

**Plants, Vegetables & Herbs in Outdoor Gardens:** Use 2.5 ml / 10 L water. Apply as a soil drench to thoroughly saturate roots at time of planting or when transplanting seedlings. Repeat application bi-weekly using 1.25 ml / 10 L water until plants are well established.

**Plants, Vegetables & Herbs in Pots:** Use 7.5 ml / 10 L water. Apply as a soil drench to thoroughly saturate roots at time of planting. Repeat application bi-weekly using 5 ml / 10 L water until plants are well established.

**Annual & Perennial Flowers:** Use 5 ml / 10 L water. Apply as a soil drench to thoroughly saturate roots at time of planting. Repeat application bi-weekly using 2.5 ml / 10 L water until plants are well established.

**Propagation Benches & Beds to Reduce Transplant Shock:** Use 2.5 ml / 10 L water. Thoroughly saturate roots at time of planting. Repeat application weekly using 2.5 ml / 10 L water until plants are well established.

**Cuttings (Soft Wood, Semi Hard Wood, Hard Wood):** Soak fresh cuttings for 30 minutes in a solution of 5 ml / 10 L water. Thoroughly saturate root area at time of planting. Repeat application weekly using 1.25 ml / 10 L water until plants are well established.

**Hydroponic Greenhouse Vegetables (Cucumber, Tomato, Peppers):** Use 0.5-1 ml / 10 L water every three weeks beginning at 3-5 leaf stage or transplant and continuing through grow and bloom.

**Hydroponics and Medical Marijuana:** Apply 0.5-1 ml/10 L water to roots, during rooting growth stage

**3.2L (3.35KG)**

### Application Rates:

#### Field Carrots and Other Root Vegetables:

Use 250 ml/1000 L water (100-150 ml/ha, 40-60 ml/acre) for foliar spray or 160 ml/ha (65 ml/acre) as in furrow. 1st application: spray the day before transplant. 2nd application: 21 days after transplant. 3rd application: 21 days after last application.

#### Plants, Vegetables & Herbs in Outdoor Gardens:

Use 2.5 ml / 10 L water. Apply as a soil drench to thoroughly saturate roots at time of planting or when transplanting seedlings. Repeat application bi-weekly using 1.25 ml / 10 L water until plants are well established.

#### Plants, Vegetables & Herbs in Pots:

Use 7.5 ml / 10 L water. Apply as a soil drench to thoroughly saturate roots at time of planting. Repeat application bi-weekly using 5 ml / 10 L water until plants are well established.

#### Annual & Perennial Flowers:

Use 5 ml / 10 L water. Apply as a soil drench to thoroughly saturate roots at time of planting. Repeat application bi-weekly using 2.5 ml / 10 L water until plants are well established.

#### Propagation Benches & Beds to Reduce Transplant Shock:

Use 2.5 ml / 10 L water. Thoroughly saturate roots at time of planting. Repeat application weekly using 2.5 ml / 10 L water until plants are well established.

#### Cuttings (Soft Wood, Semi Hard Wood, Hard Wood):

Soak fresh cuttings for 30 minutes in a solution of 5 ml / 10 L water. Thoroughly saturate root area at time of planting. Repeat application weekly using 1.25 ml / 10 L water until plants are well established.

#### Hydroponic Greenhouse Vegetables (Cucumber, Tomato, Peppers):

Use 0.5-1 ml / 10 L water every three weeks beginning at 3-5 leaf stage or transplant and continuing through grow and bloom.

#### Hydroponics and Medical Marijuana:

Apply 0.5-1 ml/10 L water to roots, during rooting growth stage



# 5-15-5 RTC

## STARTER & ROOT PROMOTER

### Description

EZ-Gro 5-15-5 RTC is an indoor/outdoor root, transplant & crop biostimulator with 2 hormones. It contains 2 plant growth regulators (IBA and NAA) to stimulate rapid and vigorous root development and strong plant growth. EZ-GRO 5-15-5 RTC is ideal for transplants, trees, shrubs, perennials, bedding plants, seedbeds, cuttings, garden vegetables and herbs. The formula helps reduce transplant shock and promotes successful transplanting.

- CONTAINS 2 PLANT GROWTH REGULATORS (PGR)
- FORMULA HELPS REDUCE TRANSPLANT SHOCK
- PROMOTES SUCCESSFUL ROOTING

### Guaranteed Minimum Analysis

5.00% Nitrogen  
15.00% Phosphorus  
5.00% Potassium  
0.05% IBA  
0.025% NAA

### Background

- IBA is an endogenous plant hormone that gets converted to IAA to promote the development of adventitious roots
- NAA is a synthetic auxin that leads to root formation when used at low dosages
- Both NAA and IBA are more effective when applied exogenously than IAA as they do not breakdown as rapidly once taken up by the plant

**5-15-5 RTC**

**GUARANTEED MINIMUM ANALYSIS**  
Total Nitrogen (N).....5%  
Available Phosphoric Acid (P2O5).....15%  
Soluble Potash (K2O).....5%  
Indole-3-Butyric Acid (IBA).....0.05%  
Naphthalene Acetic Acid (NAA).....0.025%  
**EZ-GRO 5-15-5 RTC** is an indoor/outdoor root, transplant & crop biostimulator with 2 hormones. It contains 2 plant growth regulators (pgr) to stimulate rapid and vigorous root development and strong plant growth. **EZ-GRO 5-15-5 RTC** is ideal for transplants, trees, shrubs, perennials, bedding plants, seedbeds, cuttings, garden vegetables and herbs. The formula helps reduce transplant shock and promotes successful transplanting.

**DIRECTIONS:**  
**Field Carrots and Other Root Vegetables:** Use 5 L/1000 L (2-3 L/ha, 0.8-1.2 L/acre) of water for foliar spray or 3.2 L/ha (1.3 L/acre) as in furrow. 1st application: spray the day before transplant. 2nd application: 21 days after transplant. 3rd application: 21 days after last application.  
**Garden Vegetables and Herbs:** Use 5 ml/L of water. Apply as a soil drench to thoroughly saturate roots at time of planting or when transplanting seedlings. Repeat application bi-weekly using 2.5 ml/L of water until plants are well established.  
**Annual & Perennial Flowers:** Use 10 ml/1 L of water. Apply as a soil drench to thoroughly saturate roots at time of planting. Repeat application bi-weekly using 5 ml/1 L of water until plants are well established.  
**Potted plants, Herbs and Vegetables:** Use 15 ml/1 L of water. Apply as a soil drench to thoroughly saturate roots at time of planting. Repeat application bi-weekly using 10 ml/1 L of water until plants are well established.  
**Propagation Benches & Beds to Reduce Transplant Shock:** Use 5 ml/1 L of water. Thoroughly saturate roots at time of planting. Repeat application weekly using 5 ml/1 L of water until plants are well established.  
**Cuttings (Soft Wood, Semi Hard Wood, Hard Wood):** Soak fresh cuttings for 30 minutes in a solution of 10 ml/1 L of water. Thoroughly saturate root area at time of planting. Repeat application weekly using 2.5 ml/1 L of water until plants are well established.  
**Hydroponic Greenhouse Vegetables (Cucumber, Tomato, Peppers):** Use 1-2 ml/1 L of water every three weeks beginning at 3-5 leaf stage or transplant and continuing through grow and bloom.  
**Hydroponics and Medical Marijuana:** Use 1-2 ml/1 L of water during the rooting growth stage.

**LOT NUMBER:**  
Manufactured By: Higo Corp Inc., 605 Justus Dr., Kingston, Ontario K7M 4H5 | 613-384-8882  
Registration Number 2006027A Fertilizers Act

**4L (4.86KG)**

### Application Rates:

#### Field Carrots and Other Root Vegetables:

Use 5 L/1000 L (2-3 L/ha, 0.8-1.2 L/acre) of water for foliar spray or 3.2 L/ha (1.3 L/acre) as in furrow. 1st application: spray the day before transplant. 2nd application: 21 days after transplant. 3rd application: 21 days after last application.

#### Garden Vegetables and Herbs:

Use 5 ml/L of water. Apply as a soil drench to thoroughly saturate roots at time of planting or when transplanting seedlings. Repeat application bi-weekly using 2.5 ml/L of water until plants are well established.

#### Annual & Perennial Flowers:

Use 15 ml/1 L of water. Apply as a soil drench to thoroughly saturate roots at time of planting. Repeat application biweekly using 10 ml/1 L of water until plants are well established.

#### Potted plants, Herbs and Vegetables:

Use 15 ml/1 L of water. Apply as a soil drench to thoroughly saturate roots at time of planting. Repeat application biweekly using 10 ml/1 L of water until plants are well established.

#### Propagation Benches & Beds to Reduce Transplant Shock:

Use 5 ml/1 L of water. Thoroughly saturate roots at time of planting. Repeat application weekly using 5 ml/1 L of water until plants are well established.

#### Cuttings (Soft Wood, Semi Hard Wood, Hard Wood):

Soak fresh cuttings for 30 minutes in a solution of 10 ml/1 L of water. Thoroughly saturate root area at time of planting. Repeat application weekly using 2.5 ml/1 L of water until plants are well established.

#### Hydroponic Greenhouse Vegetables (Cucumber, Tomato, Peppers):

Use 1-2 ml/1 L of water every three weeks beginning at 3-5 leaf stage or transplant and continuing through grow and bloom.

#### Hydroponics and Medical Marijuana:

Use 1-2 ml/1 L of water during the rooting growth stage.



# PRIME

## PLANT GROWTH ENHANCER

### Description

EZ-Gro Prime is a CFIA registered plant biostimulant containing potent growth regulators and stimulants such as IBA, Kinetin, Salicylic Acid, Vitamins B1 and C. Indole-3-butyric acid (IBA) is a growth-promoting phytohormone known as an auxin. Kinetin, a cytokinin, stimulates cell proliferation and differentiation. Salicylic Acid improves resistance to drought and environmental stress, enhances hardiness, flowering and fruit yield. Together these compounds stimulate root formation and improve rooting percentage, increase crop yield, and improve fruit and grain size and quality. Apply EZ-Gro Prime to significantly enhance your crops roots and even reduce transplant shock.


- STIMULATES ROOT GROWTH
- IMPROVES CROP YIELD
- REDUCES ENVIRONMENTAL STRESS
- CONTAINS 5 BIOSTIMULANTS TO PROMOTE PLANT GROWTH

### Guaranteed Minimum Analysis

1.00% IBA, 0.25% Kinetin, 0.30% Salicylic Acid, 0.30% Vitamin B1, 0.30% Vitamin C

### Background

- IBA is an endogenous plant hormone that gets converted to IAA to promote the development of adventitious roots.
- Kinetin and other cytokinins have been proven to positively regulate traits like grain or fruit size and biomass.
- Salicylic acid is an endogenous signaling molecule associated with various defense mechanisms and is known to protect against drought and salinity, as well as heavy metal toxicity and extreme heat.
- Vitamin B1 has been shown to function as an activator of plant disease resistance traits to improve health and vitality.
- Vitamin C has proposed functions in photosynthesis as an enzyme cofactor (including synthesis of ethylene, gibberellins and anthocyanins) and in control of cell growth.



## PRIME

**GUARANTEED MINIMUM ANALYSIS**

Indole-3-Butyric Acid (IBA)	1.00%
6-Furfurylaminopurine(Kinetin)	0.25%
Salicylic Acid	0.30%
Vitamin B1	0.30%
Vitamin C	0.30%

EZ-Gro Prime contains IBA, Kinetin and Salicylic Acid biostimulants and plant growth regulators to help improve crop yields and reduce environmental stress.

**CAUTION**

Keep out of reach of children and animals. Do not apply within 21 days of harvest. Do not re-apply treated areas within 4 hours of foliar application. Handle if swallowed! May cause skin and eye irritation. May cause respiratory irritation. Wear protective gloves, clothing, eye and respiratory protection. Do not eat, drink or smoke when using this product. Avoid breathing dust. Wash hands and face after use. Do not use if you are pregnant or nursing. Do not use if you are allergic to any of the ingredients. Do not apply directly to water or to areas where surface water is present or to subsurface areas below the root zone. Do not use if you are using a well water system. Do not use if you are using a well water system. Do not use if you are using a well water system. Do not use if you are using a well water system.

**LOT NUMBER:**

Manufactured By: Hicrocorp Inc., 605 Justus Dr., Kingston, Ontario K7M 4H5 | 613-384-8882  
Registration Number 2017100A Fertilizers Act

### APPLICATION CHART:

CROP	APPLICATION - USE ENOUGH WATER FOR COVERAGE
Barley, Oats, Rye, Spring or Winter Wheat, Canola, Flaxseed, Mustard, Safflower, Sunflower and Corn Legumes (Soybean, Beans, Lentils, Chickpeas, Peas)	3-5 leaf stage rate 175 ml/ha
Alfalfa, Clover, Hay	1st application 175 ml/ha at 3-5 leaf stage, 2nd application after cut 175 ml/ha
Kale, Cabbage, Broccoli, Cauliflower, Brussel Sprouts	Apply 175 ml/ha 14-21 days after emergence, 2nd application at 5-10% bloom
Fruiting Vegetables (Tomatoes, Peppers, Eggplant) Cucumbers, Watermelon, Squash	Apply 175 ml/ha 14-21 days after emergence, 2nd application at 5-10% bloom
Leafy Vegetables (Lettuce, Celery, Spinach, Swiss Chard)	Apply 175 ml/ha 14-21 days after emergence, 2nd application at 5-10% bloom
Sugar Beets	Apply 175 ml/ha 14-21 days after emergence, 2nd application at 5-10% bloom
Apples	1st application full pink 455 ml/ha, 2nd application petal fall 455 ml/ha, 3rd application 21 days after petal fall 455 ml/ha, 4th application 50 days after petal fall 455 ml/ha
Stone Fruit (Peaches, Cherries, Plums, Apricots)	1st application pre-bloom 455 ml/ha, 2nd application petal fall 455 ml/ha, 3rd application 21 days after petal fall 455 ml/ha
Grapes	1st application leaf out/pre-bloom 220 ml/ha, 2nd application petal fall 455 ml/ha
Flowers & Bedding Species	1st application at transplant, 2nd application at 5-10% bloom, 0.9 ml/1L water (175 ml/ha)
Turf & Sod Production	Apply 13 ml/100 m2 every 3-4 weeks foliarly to greens & tees, Apply 440 ml/ha to fairways every 3-4 weeks
Hydroponics and Cannabis	Soil/Rock Wool/Coco - Add to reservoir feed: Method 1 - add 1 ml/10 L water weekly through transplant, grow and bloom. Method 2 - add 1 ml/4 L water throughout Bloom weeks 1-4, followed by 1/2 ml/1 L water throughout Bloom weeks 5, 6 & 7.

### Application Rates (use enough water for coverage):

**Barley, Oats, Rye, Spring or Winter Wheat, Canola, Flaxseed, Mustard, Safflower, Sunflower and Corn Legumes (Soybean, Beans, Lentils, Chickpeas, Peas)**

3-5 leaf stage rate 175 ml/ha

**Alfalfa, Clover, Hay**

1st application 175 ml/ha at 3-5 leaf stage. 2nd after cut 175 ml/ha

**Kale, Cabbage, Broccoli, Cauliflower, Brussel Sprouts Fruiting Vegetables (Tomatoes, Peppers, Eggplant) Cucumbers, Watermelon, Squash**

Apply 175 ml/ha 14-21 days after emergence. 2nd application at 5-10% bloom.

**Leafy Vegetables (Lettuce, Celery, Spinach, Swiss Chard)**

Apply 175 ml/ha 14-21 days after emergence. 2nd application mid-season.

**Sugar Beets**

Apply 175 ml/ha 14-21 days after emergence.

**Apples**

1st application full pink 455 ml/ha. 2nd application petal fall 455 ml/ha. 3rd application 21 days after petal fall 455 ml/ha. 4th application 50 days after petal fall 455 ml/ha.

**Stone Fruit (Peaches, Cherries, Plums, Apricots)**

1st application pre-bloom 455 ml/ha. 2nd application petal fall 455 ml/ha. 3rd application 21 days after petal fall 455 ml/ha.

**Grapes**

1st application leaf out/pre-bloom 220 ml/ha. 2nd at petal fall 455 ml/ha.

**Flowers & Bedding Species**

1st application at transplant. 2nd application at 5-10% bloom. 0.9 ml/1L water (175 ml/ha).

**Turf & Sod Production**

Apply 13 ml/100 m2 every 3-4 weeks foliarly to greens & tees. Apply 440 ml/ha to fairways every 3-4 weeks.

**Hydroponics and Cannabis**

Soil/Rock Wool/Coco - Add to reservoir feed:

Method 1 - add 1 ml/10 L water weekly through transplant, grow and bloom.

Method 2 - add 1 ml/4 L water throughout Bloom weeks 1-4, followed by 1/2 ml/1 L water throughout Bloom weeks 5, 6 & 7.



## Description

EZ-Gro Cyto contains Kinetin, Salicylic Acid, and Vitamins B1 and C, natural plant growth stimulants, which play a vital role in plant growth and development, photosynthesis, transpiration, ion uptake and transport. Salicylic Acid improves resistance to drought and environmental stress, enhances hardiness, flowering and fruit yield, and aids in Systemic Acquired Resistance (SAR). When applied exogenously, kinetin can funnel resources toward the rapid growth of shoots and leaves. Apply EZ-Gro Cyto to your crops to protect against abiotic stress, increase number and size of fruits, flowers, grains and pods, and improve overall quality and yield.

- STIMULATES PLANT GROWTH
- IMPROVES CROP QUALITY AND YIELD
- REDUCES TRANSPLANT SHOCK
- INCREASE NUMBER AND SIZE OF FLOWERS

## Guaranteed Minimum Analysis

0.90% Kinetin, 0.30% Salicylic Acid, 0.30% Vitamin B1, 0.30% Vitamin C

## Background

- Salicylic acid is an endogenous signaling molecule associated with various defense mechanisms native to plants and is known to protect against drought and salinity, as well as heavy metal toxicity and extreme heat.
- Cytokinins are a class of plant signaling molecules that are involved in the regulation of growth and development throughout the entire life cycle of most plants. Concentrations are highest in developing tissues like root tips and the shoot apex, due to their role in growth promotion.
- Vitamin B1 has been shown to function as an activator of plant disease resistance traits to improve health and vitality.
- Vitamin C has proposed functions involving photosynthesis as an enzyme cofactor (including synthesis of ethylene, gibberellins and anthocyanins) and in control of cell growth.

EZ-GRO CYTO	
<b>GUARANTEED MINIMUM ANALYSIS</b> 6-Furfurylaminopurine (Kinetin).....0.90% Salicylic Acid.....0.30% Vitamin B1.....0.30% Vitamin C.....0.30%	
EZ-Gro Cyto contains biostimulants and plant growth regulators found in nature. It stimulates seedling and plant growth and may increase quality and yield. EZ-Gro Cyto helps to reduce transplant shock and increases root weight, and the number and size of flowers.	
<b>ATTENTION</b> Keep out of reach of children and animals Due to low pH, may cause skin, eye and respiratory irritation Wear protective clothing, gloves, eye and respiratory protection while handling product Do not apply within 21 days of harvest. Avoid re-entry within 12 hours of foliar application. 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 its intended 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. Store locked up in original container, in a well-ventilated area. Keep container tightly closed. Dispose of contents and container in accordance with local, regional and national regulations.	
<b>LOT NUMBER:</b> <b>EXPIRY DATE:</b> Manufactured By: Higo Corp Inc., 605 Junius Dr., Kingston, Ontario K7M 4H5   613-384-8882 Registration Number 2017101A Fertilizers Act	
<b>3.6L (3.6KG)</b>	

## Application Rates (use enough water for coverage):

**Barley, Oats, Rye, Spring or Winter Wheat, Canola, Flaxseed, Mustard, Safflower, Sunflower and Corn Legumes (Soybean, Beans, Lentils, Chickpeas, Peas)**

3-5 leaf stage rate 110 ml/ha.

**Alfalfa, Clover, Hay**

1st application 110 ml/ha at 3-5 leaf stage. 2nd application after cut.

**Kale, Cabbage, Broccoli, Cauliflower, Brussel Sprouts Fruiting Vegetables (Tomatoes, Peppers, Eggplant) Cucumbers, Watermelon, Squash**

Apply 110 ml/ha 14-21 days after emergence. 2nd application at 5-10% bloom.

**Leafy Vegetables (Lettuce, Celery, Spinach, Swiss Chard)**

Apply 110 ml/ha 14-21 days after emergence. 2nd application mid-season.

**Sugar Beets**

Apply 110 ml/ha 14-21 days after emergence.

**Apples**

1st application full pink 290 ml/ha. 2nd application petal fall 290 ml/ha. 3rd application 21 days after petal fall 290 ml/ha. 4th application 50 days after petal fall 290 ml/ha.

**Stone Fruit (Peaches, Cherries, Plums, Apricots)**

1st application pre-bloom 290 ml/ha. 2nd application petal fall 290 ml/ha. 3rd application 21 days after petal fall 290 ml/ha.

**Grapes**

1st application leaf out/pre-bloom 140 ml/ha. 2nd application petal fall 290 ml/ha.

**Flowers & Bedding Species**

1st application at transplant. 2nd application at 5-10% bloom. 0.45 ml/1L water (110 ml/ha).

**Turf & Sod Production**

Apply 8.25 ml/100 m<sup>2</sup> every 3-4 weeks foliarly to greens & tees.

**Hydroponics and Cannabis**

Soil/Rock Wool/Coco - Add to reservoir feed:

Method 1 – add 1 ml/10 L water weekly through transplant, grow and bloom. Method 2 – add 1 ml/4 L water throughout Bloom weeks 1-4, followed by ½ ml/1 L water throughout Bloom weeks 5, 6 & 7.



# CYTOKELP

## PLANT GROWTH ENHANCER

### Description

Cytokelp is an organic-based plant biostimulant that contains the natural plant growth stimulant Kinetin, as well as Yucca Extract, and is derived from kelp extract - a natural source of cytokinins, auxins and gibberellins. Kinetin, a cytokinin, is native to many plants, and acts as a growth rate stimulant by stimulating cell proliferation and differentiation. When applied exogenously, Kinetin can funnel resources toward the rapid growth of shoots and leaves. Yucca is a natural surfactant and wetting agent and improves crop resistance to stress. Reduce transplant shock, increase number and size of fruits, flowers, grains and pods, improve crop yield and stimulate rapid growth of your crops by using Cytokelp.

- ORGANIC BASED FORMULA
- ENHANCES PLANT GROWTH & DEVELOPMENT
- CONTAINS KINETIN, A PLANT STIMULANT FOUND IN NATURE
- SUPPORTS DEVELOPMENT & REDUCES TRANSPLANT SHOCK

### Guaranteed Minimum Analysis

0.25% Kinetin, 6.00% Kelp Extract, 5.00% Yucca Extract

### Background

- Cytokinins are a class of plant signaling molecules that are involved in the regulation of growth and development throughout the entire life cycle of most plants. Concentrations are highest in developing tissues like root tips and the shoot apex, due to their role in growth promotion.
- Kinetin and other cytokinins have been proven to positively regulate traits like grain or fruit size and biomass.
- Yucca is a natural surfactant and when added to biostimulants can increase their effectiveness and add additional protection against drought, heat, salt and UV stress.
- Kelp is a source of organic potassium, minerals and contains natural biostimulants such as cytokinins, auxins, and gibberellins.

EZ-GRO		CYTOKELP		
<b>GUARANTEED MINIMUM ANALYSIS</b>		<b>APPLICATION CHART:</b>		
Cytokinin, as Kinetin.....	0.25%	<b>CROP</b>  Brassica (Cabbage, Broccoli, Cauliflower, Brussels Sprouts)  Cucurbit (Cucumbers, Watermelon, Squash)  Stone Fruit (Apples, Peaches, Cherries)  Tubers/Roots/Vegetables (Beets, Radish, Carrots, Potatoes, Sweet Potatoes)  Leafy Vegetables (Celery, Lettuce, Spinach)  Fruiting Vegetables (Tomatoes, Peppers, Eggplants)  Legumes (Beans, Peas, Soy)  Corn (Sweet, Field), Small Grains (Barley, Wheat)  Turf (Bluegrass, Fesc. Pecu)	<b>RATE</b>  200 ml/ha  400 ml/ha  20-40 ml/m <sup>2</sup>	<b>TIMING</b>  Apply 14-21 days after emergence  <

### Application Rates:

**Brassica (Cabbage, Broccoli, Cauliflower, Brussel Sprouts)**

200 ml/ha - Apply 14-21 days after emergence

**Stone Fruit (Apples, Peaches, Cherries)**

400 ml/ha - 1st application full flower. 2nd application at small fruit stage. 3rd application 21 days after 2nd

**Grapes**

400 ml/ha - 1st application leaf-out/pre-bloom. 2nd application petal fall. 3rd application after harvest

**Tubers/Root Vegetables (Beets, Radish, Carrots, Potatoes, Sweet Potatoes)**

400 ml/ha - 1st application at initiation stage. 2nd application 21 days after first

**Leafy Vegetables (Celery, Lettuce, Spinach)**

400 ml/ha - 1st application at transplant. 2nd application during mid-season growth

**Fruiting Vegetables (Tomatoes, Peppers, Eggplant)**

400 ml/ha - 1st application at transplant. 2nd application at early bloom stage

**Legumes (Peas, Beans, Soy)**

400 ml/ha - 1st application at 3-5 leaf stage. 2nd (optional) Pod filling stage

**Corn, Small Grains (Barley, Wheat)**

400 ml/ha - Application at 3-5 leaf stage or 6-8 days after full bloom

**Turf (Bluegrass, Rye, Fescue)**

20-40 ml/100 m<sup>2</sup> - 1st application when seeded grass becomes established or at the beginning of the season for perennials. Repeat as necessary.

**Hydroponics and Cannabis**

Soil/Rock Wool/Coco - Add to reservoir feed:

Method 1 - add 3.5 ml/10 L water weekly through transplant, grow and bloom.

Method 2 - add 3.5 ml/4 L water throughout Bloom weeks 1-4, followed by 1.75 ml/1 L water throughout Bloom weeks 5, 6 & 7.



# TRIA

## PLANT GROWTH ENHANCER

### Description

EZ-Gro TRIA contains triacontanol, a powerful plant growth regulator naturally found in abundance in the leaves of most plants. Triacontanol affects many aspects of growth and results in increased yield, uptake of water and nutrients as well as fruit and flower number, size and quality, and essential oil production. It also triggers the release of adenosine, a fastacting second messenger important for the regulation of transpiration and translocation of sugar and other metabolites. Apply EZ-Gro TRIA to enhance growth, protect against abiotic stress, and increase overall crop yields.

- STIMULATES FASTER PLANT GROWTH
- IMPROVES NUTRIENT AND WATER UPTAKE
- ENHANCES CROP QUALITY & YIELD
- IMPROVES PHOTOSYNTHESIS & CHLOROPHYLL PRODUCTION

### Guaranteed Minimum Analysis

0.50% Triacontanol

### Background

- Triacontanol is naturally found in plant cuticle waxes and beeswax and is abundant in the leaves of most plants.
- Triacontanol allows plants to uptake nutrients and water more efficiently which allows for more efficient utilization of fertilizers and supplements already being applied (increases usefulness of current crop treatments).
- It improves yield, growth, photosynthesis, protein synthesis, uptake of water and nutrients, nitrogen-fixation, enzyme activity and contents of free amino acids, reducing sugars, soluble protein and active constituents of essential oil in various crops



## EZ-GRO TRIA

### GUARANTEED MINIMUM ANALYSIS

Triacontanol.....0.5%

Triacontanol is a plant growth regulator naturally found in plant cuticle waxes and beeswax and is abundant in the leaves of most plants. It affects many aspects of growth and results in increased yield, uptake of water and nutrients as well as fruit and flower number, size and quality, and essential oil production. Triacontanol triggers the release of adenosine, a fastacting second messenger important for the regulation of transpiration and translocation of sugar and other metabolites. EZ-Gro TRIA enhances growth, protects against abiotic stress, and increases overall yields when exogenously applied at low concentrations.

### ATTENTION

Keep out of reach of children and animals

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:

Expiry Date:

Manufactured By: Hignocorp Inc., 605 Joshua Dr., Kingston, Ontario K7M 4H5 | 613-354-5552

Registration Number 20180628 Fertilizers Act

### APPLICATION RATES: Foliar, Drench, In Furrow, Mixed with Fertilizer/Herbicide/Pesticide

EZ-Gro TRIA works best when used in addition to other dry or liquid fertilizers. Agitate tank while applying. For home and garden use, add concentrate to water and agitate prior to application or filling spray bottle. Do NOT exceed recommended milligrams of Active Ingredient per Hectare (MG AI/HA). Applying at higher rates can have negative effects on growth.

### TO ENHANCE GROWTH AND RESILIENCE BEGIN APPLICATION AFTER TRANSPLANT OR EMERGENCE:

CROP	RATE (MG AI/HA)	ML PRODUCT / HA	INSTRUCTIONS
Seed Application	N/A		100 ml/1MT in sufficient water for coverage
Field Vegetables, Root Crops, Herbs, Orchards, Vineyards, Ornamentals & Turf	75-100 mg/ha 15-20 ml/100 L water 30-40 mg/acre		Apply weekly or as required
Canola, Cereal Grains, Corn, Legumes	750 mg/ha 150 ml/100 L water 300 mg/acre		Apply 1-2 times prior to flowering
Potted Vegetables, Herbs, Plants	2.5 ml/100 L water		Apply weekly or as required
Soil & Compost	2.5 ml/100 L compost/soil		Apply to soil/compost and mix thoroughly
Hydroponics	2 ml/100 L water to roots weekly		Apply to roots weekly throughout grow and bloom
Indoor/Outdoor Cannabis & Hemp	75-100 mg/ha 15-20 ml/100 L water 30-40 mg/acre		Apply weekly or as required

4.8L (4.8KG)

### Application Rates:

**Field Vegetables, Root Crops, Herbs, Orchards, Vineyards, Ornamentals & Turf**  
15-20 ml/100 L water  
Apply weekly or as required

**Canola, Cereal Grains, Corn, Legumes**  
150 ml/100 L water  
Apply 1-2 times prior to flowering

**Potted Vegetables, Herbs, Plants**  
2.5 ml/100 L water  
Apply weekly or as required

**Soil & Compost**  
2.5 ml/100 L compost/soil  
Apply to soil/compost and mix thoroughly

**Hydroponics & Cannabis**  
2 ml/100 L water to roots weekly throughout grow and bloom



APPROVED BY ECO CERT



# GA3 5%

## PLANT GROWTH ENHANCER

### Description

EZ-Gro GA3 5% contains gibberellic acid (GA), a very potent plant growth regulator whose natural occurrence in plants controls their development. Gibberellic acid promotes plant and flower growth. Applications of very low concentrations can have a profound effect. It is involved in seed germination, seedling emergence, stem and leaf growth, floral induction, and flower and fruit growth and enhances many crops including: fruits, vegetables, flowers, cereal grains, golf turf, pasture grass, etc. Apply EZ-Gro GA3 5% to your crops to increase number and size of fruits, flowers, grains and pods, and improve overall plant growth, size, and yield.

- PROMOTES PLANT & FLOWER GROWTH
- INCREASES NUMBER OF PODS, FRUITS, FLOWERS & GRAINS
- AIDS IN SEED GERMINATION AND EMERGENCE
- INCREASES FRUIT SET & YIELD

### Guaranteed Minimum Analysis

5.00% Gibberellic Acid

### Background

- Gibberellins are hormones that play a role in growth and development of plants and generally leads to increased stem/stalk length when applied to plants.
- They are believed to act via a specific GA-receptor interaction (requires highly specific interaction with receptor).
- Gibberellic acid acts in a number of developmental and physiological processes in plants and is directly effective in promotion of shoot elongation in plants.
- It has also been implicated in promotion of root growth, root hair abundance, inhibition of floral bud differentiation in woody angiosperms, regulation of vegetative and reproductive bud dormancy and delay of senescence in many organs of a range of plant species.



APPROVED BY ECO CERT

**GA3 5%**

**GUARANTEED MINIMUM ANALYSIS**  
Gibberellic Acid.....5%

EZ-Gro GA3 5% 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 5% 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	10
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. Use caution! Irrigation: 1. Lower crop temperatures. Grow long covered plants and shoes plus socks when handling this product. 2. Do not re-enter or allow re-entry within 12 hours after final application. 3. Avoid release to water sources. 4. If in eyes flush with water for several minutes. 5. Remove contact lenses if present and continue flushing. 6. 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. 7. Dispose of contents and container in accordance with local, regional, and national regulations.

**LOT NUMBER:**  
Manufactured By: Hycro Corp Inc., 605 Justus Dr., Kingston, Ontario K7M 4H5 | 613-384-8882  
Registration Number 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 5%, 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 5% 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 5% efficacy including:  
• Rainfall within 4-6 hours of application will reduce activity significantly.  
• Very early maturing varieties may not respond to EZ-Gro-GA3 5%.  
• 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 5%.  
• Inadequate spray coverage. EZ-Gro-GA3 5% 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 / WATER	GAU / HA	L/HA	TIMING
Blueberries (High & Low Bush), Melon, Watermelon, Cantaloupe	50	1	50	1	Small fruit stage to increase yield and size
Sweet Cherries	20	0.4	20	0.4	At straw-yellow colour for larger firmer fruit and better storage
Stone Fruit	40-80	0.8-1.6	40-80	0.8-1.6	At small fruit stage, 1-4 weeks before harvest
Cranberry	20-40	0.4-0.8	20-40	0.4-0.8	Small fruit stage to increase yield and size
Apple/Pears	10-40	0.1-0.4	10-40	0.1-0.4	Small fruit stage to increase yield and size
Wine Grapes	5-20	0.05-0.4	5-20	0.05-0.4	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**

### Application Rates:

**Corn** | 0.1-0.25 (ML/1L water) | 0.1-0.25 (L/HA)

Apply at emergence of leaves V2-V6

**Hops** | 0.2-0.3 (ML/1L water) | 0.2-0.3 (L/HA)

One application when vine growth is 1.5-2.5 meters (5-8 feet) long.

**Soybeans** | 0.1-0.25 (ML/1L water) | 0.1-0.25 (L/HA)

Spray once during early flowering and once during mid-flowering.

**Canola, Barley, Oats, Rye, Kale, Sorghum, Triticale, Turnip** | 0.1-0.25 (ML/1L water) | 0.1-0.25 (L/HA)

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.

**Strawberries** | 0.8-1.2 (ML/1L water) | 0.8-1.2 (L/HA)

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.

**Broccoli and Cauliflower** | 2 (ML/1L water) | 2 (L/HA)

Apply when plants have 6-8 leaves & stem diameter ranges from 0.5-1.0 cm.

**Celery** | 0.16-0.5 (ML/1L water) | 0.16-0.5 (L/HA)

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** | 0.05-0.15 (ML/1L water) | 0.05-0.15 (L/HA)

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 beginning of picking.

**Spinach** | 0.3-0.5 (ML/1L water) | 0.3-0.5 (L/HA)

Apply once with 110-550 L of water per ha by ground 10-18 days before each anticipated harvest (Fall and overwintered spinach)

**Hydroponics & Cannabis**

1. Make a Solution containing 7.5 litres of water and 1 drop of EZ-Gro GA3 5% (use an eye dropper if available). 2. Add 2 ml of this Solution per 1 litre of water. 3. Apply to roots during Bloom weeks 1 & 2. NOTE: Do not store Solution more than 2 weeks. Fresh Solution is more effective.



### Description

EZ-Gro MAX is a powerful crop supplement that contains three plant growth regulators - Kinetin, IBA, and Gibberellic Acid - and biostimulants such as Salicylic Acid and Vitamin C to enhance growth and aid in the reduction of environmental stress. It can be used as both a seed treatment and on growing/planted crops. Kinetin stimulates cell proliferation and differentiation, IBA promotes plant growth, while Gibberellic Acid promotes plant and flower growth. Apply EZ-Gro MAX to your crops to protect against abiotic stress, increase number and size of fruits, flowers, grains and pods, and enhance and improve overall crop growth, quality and yield.

- CONTAINS 5 BIOSTIMULANTS TO PROMOTE PLANT GROWTH
- REDUCES ENVIRONMENTAL STRESS
- IMPROVES CROP YIELD
- INCREASES NUMBER OF PODS, FRUITS, FLOWERS & GRAINS

### Guaranteed Minimum Analysis

0.20% Kinetin, 0.10% IBA, 0.075% Gibberellic Acid, 0.10% Salicylic Acid, 0.10% Vitamin C

### Background

- Kinetin and other cytokinins have been proven to positively regulate traits like grain or fruit size and biomass.
- IBA is an endogenous plant hormone that gets converted to IAA to promote the development of adventitious roots.
- Gibberellic Acid is a very potent plant growth regulator whose natural occurrence in plants controls their development.
- Salicylic Acid is an endogenous signaling molecule associated with various defense mechanisms and is known to protect against drought and salinity, as well as heavy metal toxicity and extreme heat.
- Vitamin C has proposed functions involving photosynthesis as an enzyme cofactor (including synthesis of ethylene, gibberellins and anthocyanins) and in control of cell growth



MAX

**GUARANTEED MINIMUM ANALYSIS**

Cytokinin, as Kinetin.....	0.2%
Gibberellic Acid (GA <sub>3</sub> ).....	0.075%
Indolebutyric Acid (IBA).....	0.1%
Salicylic Acid.....	0.1%
Vitamin C.....	0.1%

**EZ-Gro MAX** contains three plant growth regulators (pgr) & biostimulants to enhance growth and aid in the reduction of environmental stress. It can be used as both a seed treatment and on growing/planted crops.

**ATTENTION**  
Keep out of reach of children and animals. May cause skin and eye irritation. Wear protective equipment including clothing, gloves, eye and respiratory protection. Wash hands after use. Do not allow re-entry into treated areas within 4 hours of foliar application. If in eyes, rinse immediately with water for at least 15 minutes. If in contact with skin, wash with water. 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 riparian areas below the mean high-water mark. Do not connect an irrigation system (including greenhouse systems) used for product application to public water system. Store in tightly closed container, in a dark, well-ventilated area. Do not store with oxidizing and self-heating products. Dispose of contents and packaging in accordance with local, regional, and federal requirements.

**APPLICATION RATES AND DIRECTIONS:**  
**SHARE WELL BEFORE USE**  
**SEED TREATMENT APPLICATION**  
Rate: 22-75 ml (¾-2 ½ oz) 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.

**FIELD CROPS APPLICATION RATES**  
If seed has been treated do not apply in-furrow treatment

CROP	RATE		FOLIAR SPRAY TIMING
	BROADCAST SPRAY	IN-SEED FURROW	
Alfalfa		N/A	1st: 3-5 leaf stage or sufficient re-growth. 2nd: after each cutting.
Canola			1st: rosette stage & bolting. 2nd: at 20% bloom
Soybeans	115ml/ha		1st: 3-5 leaf stage. 2nd: at bloom stage
Corn	1.5oz/acre	300ml/ha	1st: 3-5 leaf stage. 2nd: 8-11 leaf stage
Potatoes		3.75oz/acre	1st: tuber initiation. 2nd: onset of tuber bulking
Wheat, Barley, Oats, Rye*			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: Higo Corp Inc., 605 Justus Dr., Kingston, Ontario K7M 4H5 | 613-384-8882  
Registration Number 20181624 Fertilizers Act

**3.7L (4.01KG)**

### Application Rates:

**Alfalfa | 115ml/ha | 1.5oz/acre**

1st: 3-5 leaf stage or sufficient re-growth. 2nd: after each cutting

**Canola | 115ml/ha | 1.5oz/acre**

1st: rosette stage & bolting. 2nd: at 20% bloom

**Soybeans | 115ml/ha | 1.5oz/acre**

1st: 3-5 leaf stage. 2nd: at bloom stage

**Corn | 115ml/ha | 1.5oz/acre**

1st: 3-5 leaf stage. 2nd: 8-11 leaf stage

**Potatoes | 115ml/ha | 1.5oz/acre**

1st: tuber initiation. 2nd: onset of tuber bulking

**Wheat, Barley, Oats, Rye | 115ml/ha | 1.5oz/acre**

1st: prior to jointing. 2nd: at flat leaf stage

**Carrots, Cucumbers, Eggplant, Melons, Peppers, Radishes, Squash, Sugar Beets, Tomatoes | 115ml/ha | 1.5oz/acre**

1st: 3-5 leaf stage. 2nd: flower bud initiation

**Asparagus, Broccoli, Cabbage, Cauliflower, Celery, Lettuce, Spinach | 115ml/ha | 1.5oz/acre**

1st: 5-8 leaf stage. 2nd: flower bud initiation

**Chives, Garlic, Leeks, Onions, Shallots | 115ml/ha | 1.5oz/acre**

1st: 2 weeks after emergence. 2nd: 2 weeks after 1st application

**Grapes | 115ml/ha | 1.5oz/acre**

1st: prior or at bloom stage. 2nd: at fruiting stage

**Strawberries | 115ml/ha | 1.5oz/acre**

1st: at bloom stage. 2nd: 2 weeks after 1st application

**Palm & Stone Fruits | 750ml/1000L water/ha**

1st: at first bloom. 2nd: at fruiting stage

**Hydroponics and Cannabis**

Soil/Rock Wool/Coco - Add to reservoir feed:

Method 1 - Add 1 ml/10 L of water throughout grow and bloom stages  
Method 2 - Add 0.5 ml/1 L of water starting at bud formation until flowering. Add 1 ml/1 L water throughout flowering.



# CHITOSAN

PLANT & SOIL PROTECTANT

## Description

EZ-Gro Chitosan is a plant growth enhancer that is also used to boost the defensive ability of plants in fighting fungal infections. Its active ingredient, chitosan, is a natural compound found in the shells of crustaceans and other shellfish. Chitosan enhances the ability of plants to survive in times of heat or cold stress and drought. It can give plants the ability to grow with less water and can accelerate growth and germination, and improve the quality of flowers and fruit. Apply EZ-Gro Chitosan to your crops to protect against fungal infections, heat and cold stress, drought and improve overall quality.


- BOOSTS PLANT DEFENSES
- INCREASES RESISTENCE TO ENVIRONMENTAL STRESS
- DEFENDS AGAINST FUNGAL INFECTIONS
- PROTECTS PLANTS AGAINST DROUGHT, HEAT AND COLD

## Guaranteed Minimum Analysis

4.00% Chitosan

## Background

- Chitosan has been proven to accelerate growth and germination as well as improve the quality of flowers and fruit. It increases the number of useful soil microorganisms and decreases harmful ones.
- Chitosan is a sugar polymer derivative of chitin that functions as a growth enhancer and antitransparent (it allows the plants to grow with less water).
- Chitin resembles cellulose in both structure and function, and is used as a structural polymer in crustacean shells, insect exoskeletons, and fungal cell walls



## CHITOSAN

**GUARANTEED MINIMUM ANALYSIS**  
ACTIVE INGREDIENT  
Chitosan.....4.0%

Chitosan, the active ingredient in EZ-Gro Chitosan, is a compound naturally found in crustacean shells and fungal cell walls, and can be very beneficial to plant production and growth. Chitosan enhances plant survival and yield in times of heat or cold stress and drought. When foliar-applied to crops it allows the plants to grow with less water. Exogenous application of Chitosan has also been shown to accelerate growth and germination as well as improve the quality of flowers and fruit.

**APPLICATION INSTRUCTIONS:**  
To prepare solution, add one half the total amount of water, add recommended volume of EZ-Gro Chitosan and continue adding water until desired application volume is reached. For foliar applications, apply with minimum volume of 100 L/ha.

**CAUTION**  
Keep out of reach of children and animals.  
This product contains chitin. Adverse reactions may occur in sensitive persons. 1. May cause skin and eye irritation. 2. Avoid dust, skin, protective gloves and goggles. 3. If skin contact occurs, wash with soap and water. 4. If allergic reaction occurs, seek medical attention. 5. If it gets into your eyes, rinse with water for several minutes. Remove contact lenses if present and continue rinsing. 6. Store in tightly closed container in a dry, well-ventilated area. Dispose of contents and packaging in accordance with local, regional and federal regulations.

**LOT NUMBER:**  
Manufactured By: Higo Corp Inc., 605 Justus Dr., Kingston, Ontario K7M 4H5 | 613-354-8882  
Registration Number 2017113A Fertilizers Act

**APPLICATION CHARTS:**

**FOLIAR APPLICATION:**

APPLICATION	RATE ML/HA	TIMING / FREQUENCY
Tomato	250-500	Every 2-4 weeks after sowing or transplanting
Corn	150-300	One application at V2-V4 growth stage
Potatoes	250-300	Every 2 weeks after sowing
Field Vegetables	300	Every 1-2 weeks
Wheat, Canola, Soy, Beans	150-625	One application at 3-5 leaf stage
Flowers	125	Apply to plants weekly
Fruits	90-95	Spray every other week for first four treatments, then monthly thereafter
Greenhouse Vegetables	250	Spray every 2-4 weeks after sowing or transplanting
Trees (or similar)	90-95	Monthly applications

**DRENCH APPLICATION:**

APPLICATION	DILUTION RATE	TIMING / FREQUENCY
Hydroponics and Cannabis	1 ml / L of water	Apply to roots weekly through grow and bloom, beginning at transplant
Soil/Compost	1 ml / L of soil	Apply to soil and mix thoroughly
Seed Treatment	5 ml / 20-40 kg seed	Apply directly to seeds with enough water for coverage

**4.8L (5.02KG)**

## Application Rates:

### Foliar Application:

**Tomato | 250-500 ML/HA**

Every 2-4 weeks after sowing or transplanting

**Corn | 150-300 ML/HA**

One application at V2-V4 growth stage

**Potatoes | 250-300 ML/HA**

Every 2 weeks after sowing

**Field Vegetables | 300 ML/HA**

Every 1-2 weeks

**Wheat, Canola, Soy, Beans | 150-625 ML/HA**

One application at 3-5 leaf stage

**Flowers | 125 ML/HA**

Apply to plants weekly

**Fruits | 90-95 ML/HA**

Spray every other week for first four treatments, then monthly thereafter

**Greenhouse Vegetables | 250 ML/HA**

Spray every 2-4 weeks after sowing or transplanting

**Trees (or similar) | 90-95 ML/HA**

Monthly applications

### Drench Application:

**Hydroponics and Cannabis | 1 ml / L of water**

Apply to roots weekly through grow and bloom, beginning at transplant

**Soil/Compost | 1 ml / L of soil**

Apply to soil and mix thoroughly

**Seed Treatment | 5 ml / 20-40 kg seed**

Apply to soil and mix thoroughly



# ARMOUR-L 0-0-15

## PLANT & SOIL PROTECTANT

### Description

EZ-Gro Armour-L 0-0-15 is a concentrated Potassium Silicate liquid fertilizer additive that can help your plants protect themselves against a myriad of stresses including moisture, temperature, salt, and heavy metals. The Silicon Dioxide contained in Potassium Silicate offers two levels of protection – silicon inserts into the cell wall forming a physiological barrier, while also activating biochemical pathways to increase water usage efficiency and promote growth in response to, or despite of, abiotic stress. Apply EZ-Gro Armour-L 0-0-15 during times of stress to help your crops defend themselves and survive detrimental conditions.

- PROTECTS PLANTS AGAINST STRESS
- INCREASES PLANT WATER USAGE AND EFFICIENCY
- STRENGTHENS PLANT CELLS
- IMPROVES DROUGHT RESISTENCE

### Guaranteed Minimum Analysis

25.00% Silicon Dioxide, 15.00% Soluble Potash

### Background

- Potassium Silicate is abundant in soil and readily taken up by plants to offer structural fortification and regulation of water use.
- Silicon Dioxide, found in Potassium Silicate, plays an important role in abiotic stress resistance during drought or saline stress, strengthens cell walls and prevents lodging.
- Silicon Dioxide is more effective than salicylic acid at protecting against drought stress due to its dual mode of action:
  - o Silicon forms a structural barrier as it is incorporated into the cell wall – preventing water from leaving cells during stress
  - o Silicon can also turn on stress-induced pathways that aid in the preservation of water



## ARMOUR 0-0-15

**GUARANTEED MINIMUM ANALYSIS**

Silicon Dioxide (SiO<sub>2</sub>).....25%

Soluble Potash (K<sub>2</sub>O).....15%

EZ-Gro Armour is a 50% Potassium Silicate, liquid fertilizer additive that can help your plants protect themselves against a myriad of stresses including moisture, temperature, and salt. EZ-Gro Armour offers two levels of protection – silicon inserts into the cell wall forming a physiological barrier, while also activating biochemical pathways, to increase water usage efficiency and promote growth in response to (despite) abiotic stress.

**DANGER**  
Keep out of reach of children and animals. Do not enter treated areas within 4 hours of foliar application. Causes severe skin burns and eye damage. May cause respiratory irritation. Wear protective gloves, clothing, eye and respiratory protection. Use only outdoors or in well-ventilated area. Do not eat, drink, or smoke when using this product. Wash thoroughly after handling. Avoid release to water sources. If swallowed, rinse mouth and drink plenty of water afterwards. If inhaled, move person to fresh air. Store locked up, tightly closed in a dry, well-ventilated area. Dispose of containers and packaging in accordance with local, regional, and federal requirements.

**LOT NUMBER:**  
Manufactured by: Higoscorp Inc., 405 Justin Dr, Kingston, Ontario K7M 4H5 | 613-384-8882  
Registration Number 2017096A Fertilizers Act

**APPLICATION CHART:**  
To promote growth and structural fortification during stress. Apply with enough water for coverage. Begin Application at transplant or first leaves.

CROP	ML/HA	INSTRUCTIONS:
Lettuce	70	5 applications at 10 day intervals
Tomato	70	10 applications at 10 day intervals
Pepper/Eggplant	80	7 applications at 14 day intervals
Cucumber/Zucchini	80	6 applications at 10 day intervals
Melon	100	7 applications at 10 day intervals
Strawberries	60	10 applications at 7 day intervals
Roses	80	6 applications at 7 day intervals
Wheat, Barley, Oats	50	From 3-5 leaf stage to first node
Turf	190-300	Apply as needed
Hydroponics and Cannabis	1 ml/5 L water	Add to tank weekly through grow and bloom
Soil & Compost	1 ml/ 5 L soil	Apply to soil/compost and mix thoroughly

### Application Rates:

**Lettuce | 70 ML/HA**

5 applications at 10 day intervals

**Tomato | 70 ML/HA**

10 applications at 10 day intervals

**Pepper/Eggplant | 80 ML/HA**

7 applications at 14 day intervals

**Cucumber/Zucchini | 80 ML/HA**

6 applications at 10 day intervals

**Melon | 100 ML/HA**

7 applications at 10 day intervals

**Strawberries | 60 ML/HA**

10 applications at 7 day intervals

**Roses | 80 ML/HA**

6 applications at 7 day intervals

**Wheat, Barley, Oats | 50 ML/HA**

From 3-5 leaf stage to first node

**Turf | 190-300 ML/HA**

Apply as needed

**Hydroponics and Cannabis | 1 ml/5 L water**

Add to tank weekly through grow and bloom

**Soil & Compost | 1 ml/ 5 L soil**

Apply to soil/compost and mix thoroughly



# SA-L 10%

## PLANT & SOIL PROTECTANT

### Description

EZ-Gro SA-L 10% contains Salicylic Acid, a naturally occurring plant hormone, which plays a vital role in plant growth and development, photosynthesis, transpiration, ion uptake and transport. Salicylic Acid improves resistance to drought and environmental stress, enhances hardiness, flowering and fruit yield, and aids in Systemic Acquired Resistance (SAR). Apply EZ-Gro SA-L 10% liquid to your crops to protect against abiotic stress and improve overall quality and yield.

- IMPROVES RESISTANCE TO STRESS AND DROUGHT
- ENHANCES HARDINESS
- PROMOTES FLOWERING AND FRUIT YIELD
- AIDS IN SAR

### Guaranteed Minimum Analysis

10.00% Salicylic Acid, 4.60% Soluble Potash

### Background

- Salicylic Acid is an endogenous signaling molecule associated with various defense mechanisms native to plants.
- Salicylic Acid is known to protect against drought and salinity, as well as heavy metal toxicity and extreme heat.
- Often referred to as a “therapeutic agent” for crops, Salicylic Acid is important throughout the entire plant lifecycle.
- Though Salicylic Acid is present in most species of plants, basal levels vary widely between species.



## SA-L 10%

**GUARANTEED MINIMUM ANALYSIS**  
Salicylic Acid.....10.0%  
Soluble Potash (K<sub>2</sub>O).....4.6%

EZ-Gro SA-L-10% contains Salicylic Acid, a naturally occurring plant hormone, which plays a vital role in plant growth and development, photosynthesis, transpiration, ion uptake and transport. Salicylic Acid improves resistance to environmental stressors including drought, temperature, and salinity, and enhances flowering and fruit yield.

**APPLICATION INSTRUCTIONS:**  
EZ-Gro SA-L-10% can be used as a foliar spray, a soil drench and through fertigation systems. It can be mixed with most fungicides, insecticides and other liquid fertilizers. Do not mix concentrates together. Add water to spray tank to 1/2 full followed by EZ-Gro SA-L-10%, pesticides and fertilizers. When mixing with liquid fertilizer, do not exceed the recommended rate of 50 ml/ha/application.

**ATTENTION**  
Keep out of reach of children and animals. May be harmful if swallowed. May cause serious eye damage. Wear protective gloves, clothing, eye and respiratory protection during product mixing and loading. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contact a health care provider if exposed, concerned or feeling unwell. If swallowed, rinse mouth. If in eyes, rinse cautiously with water for several minutes. If inhaled, move person to fresh air. Store locked up in cool, dry, well-ventilated place out of direct sunlight. Dispose of contents and packaging in accordance with local, regional and federal requirements.

**LOT NUMBER:**  
Manufactured By: Higorcorp Inc., 605 Jarius Dr., Kingston, Ontario K7M 4H5 | 613-384-8882  
Registration Number 2017089A Fertilizers Act

APPLICATION CHART:		
CROP	APPLICATION Rate g a.i./ha	TIMING/FREQUENCY
Nursery Stock (Containerized and field grown): deciduous and evergreen trees, annuals, perennials, herbs, and vegetables	40ml/100L water (1.25oz/20 ga water)	Apply every 30 days or as needed commencing at transplant or 3-5 leaf stage.
Fruits and Berries: plums, apricots, cherry, peach, blueberries, blackberries, raspberries, strawberries		3-4 applications commencing at 75% petal drop and repeating with 21-28 day intervals
Apples and Pears		3-4 applications commencing at 50% flowering and repeating with 21 day intervals
Fruiting vegetables: tomatoes, peppers, beans, peas, onions, lettuce, cauliflower, cabbage, Chinese cabbage	50ml/ha (0.7oz/acre)	First application prior to fruit set and repeat after 2 weeks
Potatoes		First application at 3-5 leaf stage and repeat after 2 weeks
Cucurbits: pumpkins, squash, melons, cucumbers		First application at tuber initiation and repeat after 2 weeks
Grapes: table and wine		First application at flowering and repeat after 21 days
Herbs: basil, chives, coriander, dill, parsley, sage		Apply every 4-6 weeks commencing once plants begin to grow
Field crops: barley, corn, oats, soybean, sugar beet, wheat		Apply every 4-6 weeks commencing once plants begin to grow
Grasses grown for seed, sod, pasture, forage, alfalfa		After plants reach the 3-5 leaf stage. Use with sufficient water to cover. Apply when 2-4" tall.
Compost and Soil	40ml/100L of soil/compost	Use with sufficient water to cover. Apply to soil or compost and mix thoroughly.
Hydroponics and Medical Marijuana	1 ml/100L water	Apply to roots weekly through grow and bloom, beginning at transplant

**3.2L (4.48KG)**

### Application Rates:

**Nursery Stock (Containerized and field grown): deciduous and Evergreen trees, annuals, perennials, herbs, and vegetables** | 40ml/100L water (1.25oz/20 ga water)

Apply every 30 days or as needed commencing at transplant or 3-5 leaf stage.

**Fruits and Berries: plums, cherry, peach, blueberries, raspberries, strawberries, etc.** | 50ml/ha (0.7oz/acre) | 5g/ha (0.1oz/acre)

3-4 applications commencing at 75% petal drop and repeating every 21-28 days

**Apples and Pears** | 50ml/ha (0.7oz/acre) | 5g/ha (0.1oz/acre)

3-4 applications commencing at 50% flowering and repeating every 21 days

**Fruiting vegetables: tomatoes, peppers, beans, peas, onions** | 50ml/ha (0.7oz/acre) | 5g/ha (0.1oz/acre)

First application prior to fruit set and repeat after 2 weeks

**Lettuce, cauliflower, cabbage, Chinese cabbage** | 50ml/ha (0.7oz/acre) | 5g/ha (0.1oz/acre)

First application at 3-5 leaf stage and repeat after 2 weeks

**Potatoes** | 50ml/ha (0.7oz/acre) | 5g/ha (0.1oz/acre)

First application at tuber initiation and repeat after 2 weeks

**Cucurbits: pumpkins, squash, melons, cucumbers** | 50ml/ha (0.7oz/acre) | 5g/ha (0.1oz/acre)

First application at flowering and repeat after 21 days

**Grapes: table and wine** | 50ml/ha (0.7oz/acre) | 5g/ha (0.1oz/acre)

Apply every 4-6 weeks commencing once plants begin to grow

**Herbs: basil, chives, coriander, dill, parsley, sage** | 50ml/ha (0.7oz/acre) | 5g/ha (0.1oz/acre)

Apply every 4-6 weeks commencing once plants begin to grow

**Field crops: barley, corn, oats, soybean, sugar beet, wheat** | 50ml/ha (0.7oz/acre) | 5g/ha (0.1oz/acre)

After plants reach the 3-5 leaf stage. Use with sufficient water to cover.

**Grasses grown for seed, sod, pasture, forage, alfalfa** | 50ml/ha (0.7oz/acre) | 5g/ha (0.1oz/acre)

Apply when 2-4" tall. Use with sufficient water to cover.

**Compost and Soil** | 40ml/100L of soil/compost

Apply to soil or compost and mix thoroughly.

**Hydroponics and Medical Marijuana** | 1 ml/100L water

Apply to roots weekly through grow and bloom, beginning at transplant



## Description

EZ-Gro JA is a bioprotectant and abiotic stress reducer containing Methyl Jasmonate, also known as Jasmonic Acid. It is highly active at even miniscule concentrations. Jasmonic Acid and its derivatives are natural plant hormones that play a role in growth and protection against environmental stress. Jasmonate hormones are also used by plants for long range signaling; when one plant is under stress, it not only releases jasmonates to protect itself, but also uses them to warn neighbouring plants to prepare. Apply EZ-Gro JA to increase crop survival during abiotic stress.


- REDUCES ABIOTIC AND ENVI-RONMENTAL STRESS
- CONTAINS JASMONIC ACID, A NATURALLY OCCURRING PLANT HORMONE
- STIMULATES FRUIT RIPENING
- INCREASES CROP SURVIVAL IN TIMES OF STRESS

## Guaranteed Minimum Analysis

0.025% Methyl Jasmonate

## Background

- Jasmonic acids are a class of lipidic plant hormones, synthesized from linolenic acid present in the chloroplast membrane and are involved in development, abiotic stress responses and plant microbes interactions in defence and symbiosis.
- Jasmonate compounds and its derivatives are present throughout the plant – highest levels can be found in growing tissues (stem apex, young leaves, immature fruit, root tips).
- In nature, Jasmonic Acid levels increase in response to external stimuli such as wounding, mechanical forces, elicitors from pathogen attack and osmotic stress.
- Derivatives such as methyl-jasmonate are volatile and participate in long range signalling between plants.



JA

**GUARANTEED MINIMUM ANALYSIS**  
Methyl Jasmonate.....0.025%

Jasmonic acid and its derivatives are natural plant hormones that play a role in growth and protection against environmental stress. Jasmonate hormones are also used by plants for long range signaling: when one plant is under stress, it not only releases jasmonates to protect itself, but also uses them to warn neighbouring plants to prepare. Apply EZ-Gro JA to increase crop survival during abiotic stress.

**ATTENTION**  
Keep out of reach of children and animals. Avoid release to water sources. 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: Higo Corp Inc., 605 Justus Dr., Kingston, Ontario K7M 4H5 | 613-384-8882  
Registration Number 2018135A Fertilizers Act

**APPLICATION CHART:**  
Apply with enough water for coverage  
MG AI/HA = mg active ingredient per hectare

CROP	MG AI / HA	ML PRODUCT / HA	APPLICATION TIMING
Spring Wheat	50	200	At 8-12 leaf stage
Canola			
Soya/Soybean			
Corn			
Winter Wheat			
Mustard	20-40	80-160	At 5-6 leaf stage
Grapes			At veraison and 1 week later

6.4L (6.40KG)

## Application Rates:

### Spring Wheat

50 (MG AI / HA) | 200 ML product / HA  
At 8-12 leaf stage

### Canola

50 (MG AI / HA) | 200 ML product / HA  
At 8-12 leaf stage

### Soya/Soybean

50 (MG AI / HA) | 200 ML product / HA  
At 8-12 leaf stage

### Corn

50 (MG AI / HA) | 200 ML product / HA  
At 8-10 leaf stage

### Winter Wheat

50 (MG AI / HA) | 200 ML product / HA  
At flag leaf stage

### Mustard

50 (MG AI / HA) | 200 ML product / HA  
At 5-6 leaf stage

### Grapes

20-40 (MG AI / HA) | 80-160 ML product / HA  
At veraison and 1 week later



## Description

EZ-Gro BR is a PGR containing 24-Epibrassinolide, a brassinosteroid. Brassinosteroids are naturally occurring plant hormones that promote plant growth, increase crop yield and quality, and protect against abiotic stress. They are proven to aid in protection against thermal, moisture, salt and heavy metal stress. EZ-Gro BR works most effectively when used in conjunction with other fertilizers, and can optimize fertilizers by allowing the plant to use them more efficiently, thereby increasing productivity, quality and survival of crops.

- PROMOTES STEM ELONGATION & CELL DIVISION
- INCREASES RESISTANCE TO LODGING
- PROTECTS CROPS AGAINST ABIOTIC & BIOTIC STRESS

## Guaranteed Minimum Analysis

0.01% 24-Epibrassinolide

## Background

- Brassinosteroids are a phytosteroid that demonstrate plant growth regulatory activity.
- They are believed able to promote and accelerate plant growth and increase crop yield, fresh weight, dry weight of seeds, root size, and resistance to lodging.
- Brassinosteroids promote cell division and elongation, swelling, curvature, and splitting of the treated internode.
- Exogenous treatments can encourage shoot and new shoot growth, encourage root senescence (resources rerouted from root to shoot), and lengthen leaves and stems.



BR

**GUARANTEED MINIMUM ANALYSIS**  
24-Epibrassinolide.....0.01%

**ATTENTION**  
Keep out of reach of children and animals. Avoid release to water sources. Store locked up, tightly closed, in a dry, well-ventilated area. Dispose of contents and packaging in accordance with local, regional, and federal requirements.

**APPLICATION RATES AND DIRECTIONS:**  
EZ-Gro BR works most effectively when used in conjunction with other fertilizers. Apply with enough water for coverage. Do not exceed the recommended rate - mg of active ingredient per hectare (mg iA/ha).

CROP	RATE (mg ai/ha)	EZ-Gro BR ml/ha	INSTRUCTIONS
General Fertilization	5	50	Apply at first signs of environmental stress
Alfalfa, clover, etc.	5	50	Apply at planting and repeat after each cutting
Beans	5	50	Apply to seeds at planting (see seed treatment) and R1 stage OR 1 application of 100 ml at 3-5 leaf stage
Canola	5	50	Apply at flowering
Cereal Grains	10	100	Apply at 3-5 leaf stage OR at boot stage
Corn, Flax	5	50	Apply at early bloom
Hay and Forage	10	100	At early active growth
Turf	10	100	Apply at spring green up and repeat every 45-60 days
Fruits, Berries	5	50	Apply at bud formation or petal fall/small fruit stage
Strawberries	10	100	Apply at spring green-up

**LOT NUMBER:** \_\_\_\_\_

Manufactured By: Hignocorp Inc., 605 Audus Dr., Kingston, Ontario K7M 4H5 | (613) 384-8882  
Registration Number 20181014 Fertilizers Act

**0.8L (0.85KG)**

continued on back

## Application Rates:

**General Fertilization** | 5 (mg ai/ha) | 50 ml/ha

Apply at first signs of environmental stress

**Alfalfa, clover, etc.** | 5 (mg ai/ha) | 50 ml/ha

Apply at planting and repeat after each cutting

**Beans** | 5 (mg ai/ha) | 50 ml/ha

Apply to seeds at planting (see seed treatment) and R1 stage OR 1 application of 100 ml at 3-5 leaf stage

**Canola** | 5 (mg ai/ha) | 50 ml/ha

Apply at flowering

**Cereal Grains** | 10 (mg ai/ha) | 100 ml/ha

Apply at 3-5 leaf stage OR at boot stage

**Corn, Flax** | 5 (mg ai/ha) | 50 ml/ha

Apply at early bloom

**Hay and Forage** | 10 (mg ai/ha) | 100 ml/ha

At early active growth

**Turf** | 10 (mg ai/ha) | 100 ml/ha

Apply at spring green up and repeat every 45-60 days

**Fruits, Berries** | 5 (mg ai/ha) | 50 ml/ha

Apply at bud formation or petal fall/small fruit stage

**Strawberries** | 10 (mg ai/ha) | 100 ml/ha

Apply at spring green-up

**Grapes (Sizing)** | 30 (mg ai/ha) | 300 ml/ha

Apply at small fruit size and repeat 2 weeks later

**Wine Grapes** | 30 (mg ai/ha) | 300 ml/ha

Apply at early flowering and repeat at early fruiting

**Asparagus** | 10 (mg ai/ha) | 100 ml/ha

Apply at planting, at shoot emergence, 30 days after shoot emergence

**Brassicas** | 10 (mg ai/ha) | 100 ml/ha

Apply at 50% maturity (~30 days after planting)

**Cucurbits** | 10 (mg ai/ha) | 100 ml/ha

Apply 3 weeks after planting / transplanting; optional additional treatment 3 weeks later

**Leafy Annuals** | 10 (mg ai/ha) | 100 ml/ha

Apply at planting and repeat 30 days later

**Onions, Leeks, Shallots** | 10 (mg ai/ha) | 100 ml/ha

Apply at planting and repeat 30 and 60 days later

**Potatoes** | 10 (mg ai/ha) | 100 ml/ha

Apply at tuber initiation

**Sweet potatoes** | 10 (mg ai/ha) | 100 ml/ha

Apply at planting and repeat 30-60 days later

**Sugar Beets** | 10 (mg ai/ha) | 100 ml/ha

Apply at 3 weeks post emergence

**Tomatoes, peppers, eggplant** | 10 (mg ai/ha) | 100 ml/ha

Apply shortly after planting or transplanting; repeat at 3 weeks, 6 weeks, and after first picking



# AMINO GRO 13-0-0

PLANT & SOIL SUPPLEMENT

## Description

EZ-Gro Aminogro 13-0-0 is a plant macronutrient supplement containing 13% water-soluble nitrogen derived from amino acids. Nitrogen is a critical nutrient for proper development of all plants, and without adequate amounts, fruit and flower size and yield can be drastically reduced. As crops are harvested, soil nitrogen is depleted, risking the starvation of future progeny. Use EZ-Gro Aminogro 13-0-0 to feed your plants this essential element and improve the overall production quality and quantity.

- COMPLETELY WATER SOLUBLE
- 80% AMINO ACID DERIVED
- SUPPORTS PLANT GROWTH AND SOIL HEALTH
- SUITABLE FOR ORGANIC USE
- NATURAL CHELATING AGENT
- IMPROVES NUTRIENT UPTAKE

## Guaranteed Minimum Analysis

13.00% Nitrogen, 80.00% Amino Acids

## Background

- Nitrogen plays a key role in seeding, fruiting, and rapid growth, and is stored in fruit, seeds, roots and chlorophyll
- Nitrogen is essential for photosynthesis –without it plants are unable to convert sunlight into usable energy and often suffer severe growth defects
- Amino Acids are required for many cellular processes and pathways and therefore a large proportion of cellular energy is allocated to the creation of these building blocks
- The less metabolic energy the plant spends on building proteins and/or amino acids, the more metabolic energy that is spent on other processes, i.e. growth, fruiting and flowering

**EZ-GRO**

**AMINO GRO 13-0-0**

**GUARANTEED MINIMUM ANALYSIS**

Total Nitrogen (N).....13%

Amino Acids.....80%

DERIVED FROM: Fermented Amino Acid Powder

Aminogro 13-0-0 is a completely solubilized, hydrolyzed, vegetable protein which supports plant growth, reduces abiotic stress and benefits soil health. Aminogro 13-0-0 is completely water soluble allowing the efficient uptake of nitrogen for all your crops. It can be applied as a foliar spray, to the soil, or in your hydroponic tank. Aminogro 13-0-0 contains over 20 beneficial amino acids and peptides and such fermentation by-products as enzymes, vitamins and biostimulants. Frequent applications at lower rates are generally more effective than fewer applications at higher rates.

### FOLIAR APPLICATION RATES:

Apply with sufficient water for coverage

CROP	APPLICATION RATES	APPLICATION TIMING
In all crops:	1.5-2 kg/100L/ha	In case of stress, several applications with smaller application rates increase efficiency. 300-500 ml per 100 L water with plant protection treatments
Vegetables such as: Fruiting vegetables, cucurbits, brassica or cole crops, leafy vegetables	2-3 kg/ha	Apply first application 10-14 days after transplanting, then apply 3-4 times at 10-14 day intervals from early flowering and during fruit sizing
Field crops such as: Corn, potatoes, barley, canola, sorghum, sugar beets, wheat, lentils, beans, peas	2-3 kg/100L/ha	Apply mid-vegetative and early flowering. Can be mixed with herbicides (including glyphosate) and fungicides. Applications may be made every 10-14 days
Forage crops such as: Alfalfa, ryegrass, timothy, fescue	2-3 kg/100L/ha	Apply when plants are 3-4 inches high before first cut, and then 10-14 days before each cutting
Tree, fruit and vine crops such as: Apples, cherries, pear, stone fruit, table and wine grapes, and berry crops such as: Blueberries, cranberries, raspberries, strawberries	2-3 kg/ha	Apply every 10-14 days. Make application from early flowering to early ripening
Ornamental plants (open field)	2-3 kg/ha	Apply using a 10 day interval
Greenhouse and Potted Plants - all crops and ornamentals	1-2 kg/ha, 20-40 g/100m <sup>2</sup>	Apply using a 10-14 day interval
Turf	2-4 kg/ha, 20-40 g/100m <sup>2</sup>	Make applications beginning after green up. Can be mixed with herbicides, fertilizers, and fungicides. Applications may be made every 10-14 days

### FERTIGATION (DRIP/TRICKLE/SPRINKLER IRRIGATION) AND IN-FURROW/SIDE DRESS APPLICATION RATES:

Dissolve 1 Part Aminogro 13-0-0 to 2 Parts Water and Apply as a Concentrate in Furrow or Inject into Fertigation System

CROP	APPLICATION RATES	APPLICATION TIMING
Berries such as: Blueberries, cranberries, raspberries, strawberries	2-4 kg/ha	Begin applications approximately 14 days after transplanting and continue until early fruit opening
Vegetable such as: Fruiting vegetables, cucurbits, brassica or cole crops	2-3 kg/ha	Begin applications 14-21 days after transplanting. Continue applications on a 14-21 day interval during fruit set and fruit sizing
Hydroponics and Cannabis	2 g/L	Throughout growth cycle



Lot Number:  
Expiry Date:

**20 KG**

Registration Number 2016047A Fertilizers Act  
Manufactured by Higrocorp Inc. 605 Justus Dr., Kingston, ON K7M 4H5  
613-384-8882 | www.ez-gro.com | info@ez-gro.com

## Application Rates:

**In all crops | 1.5-2 kg/100L/ha**

In case of stress, several applications with smaller application rates increase efficiency. 300-500 ml per 100 L water with plant protection treatments

**Vegetables such as: Fruiting vegetables, cucurbits, brassica or cole crops; leafy vegetables | 2-3 kg/ha**

First application 10-14 days after transplanting, then apply 3-4 times at 10-14 day intervals from early flowering and during fruit sizing

**Field crops such as: Corn, potatoes, barley, canola, soybeans, sorghum, sugar beets, wheat, lentils, beans, peas | 2-3 kg/100L/ha**

Apply mid-vegetative and early flowering. Can be mixed with herbicides (including glyphosate) and fungicides. Applications may be made every 10-14 days

**Forage crops such as: Alfalfa, ryegrass, timothy, fescue | 2-3 kg/100L/ha**

Apply when plants are 3-6 inches high before first cut, and then 10-14 days before each cutting.

**Tree, fruit and vine crops such as: Apples, cherries, pear, stone fruit, table and wine grapes, Blueberries, cranberries, raspberries, strawberries | 2-3 kg/ha**

Apply every 10-14 days. Make application from early flowering to early ripening.

**Ornamental plants (open field) | 2-3 kg/ha**

Apply using a 10 day interval.

**Greenhouse and Potted Plants – all crops and ornamentals | 1-2 kg/ha**

Apply using a 10-14 day interval.

**Turf | 2-4 kg/ha**

Make applications beginning after green up. Can be mixed with herbicides, fertilizers, and fungicides. Applications may be made every 10-14 days.





# N 18-0-0

## PLANT & SOIL SUPPLEMENT

### Description

EZ-Gro N 18-0-0 is an organic plant macronutrient supplement containing 100% water-soluble nitrogen. Nitrogen is a critical nutrient for proper development of all plants, and without adequate amounts, fruit and flower size and yield can be drastically reduced. As crops are harvested, soil nitrogen is depleted, risking the starvation of future progeny. Use EZ-Gro N 18-0-0 to feed your plants this essential element and improve the overall production quality and quantity.

- **SUITABLE FOR ORGANIC USE**
- **IMPROVES NUTRIENT UPTAKE**
- **IMPROVES CROP GROWTH**
- **100% WATER SOLUBLE**
- **NATURAL CHELATING AGENT**
- **98.5% AMINO ACID DERIVED**

### Guaranteed Minimum Analysis

18.00% Nitrogen, 98.50% Amino Acids

### Background

- Nitrogen plays a key role in seeding, fruiting, and rapid growth, and is stored in fruit, seeds, roots and chlorophyll
- Nitrogen is essential for photosynthesis –without it plants are unable to convert sunlight into usable energy and often suffer severe growth defects
- Amino Acids are required for many cellular processes and pathways and therefore a large proportion of cellular energy is allocated to the creation of these building blocks
- The less metabolic energy the plant spends on building proteins and/or amino acids, the more metabolic energy that is spent on other processes, i.e. growth, fruiting and flowering



## N 18-0-0

### GUARANTEED MINIMUM ANALYSIS

Total Nitrogen (N).....18%  
Amino Acids.....98.5%  
DERIVED FROM: Fermented Amino Acid Powder

EZ-Gro N 18-0-0 is a completely solubilized, hydrolyzed, vegetable protein which supports plant growth, reduces abiotic stress and benefits soil health. EZ-Gro N 18-0-0 is completely water soluble allowing the efficient uptake of nitrogen for all your crops. It can be applied as a foliar spray, to the soil, or in your hydroponic tank. Frequent applications at lower rates are generally more effective than fewer applications at higher rates.

FOLIAR APPLICATION RATES: Apply with sufficient water for coverage		
CROP	APPLICATION RATES	APPLICATION TIMING
In all crops:	1.5-2 kg/100L/ha (1.25-1.75 lb/10 gal/acre)	In case of stress, several applications with smaller application rates increase efficiency.
Vegetables such as: Fruiting vegetables, cucurbits, brassica or cole crops; leafy vegetables.	2-3 kg/ha (1.75-2.625 lb/acre)	Apply first application 10-14 days after transplanting, then apply 3-4 times at 10-14 day intervals from early flowering and during fruit sizing.
Field crops such as: Corn, potatoes, barley, canola, soybeans, sorghum, sugar beets, wheat, lentils, beans, peas	2-3 kg/100L/ha (1.75-2.625 lb/10 gal/acre)	Apply mid-vegetative and early flowering. Can be mixed with herbicides (including glyphosate) and fungicides. Applications may be made every 10-14 days.
Forage crops such as: Alfalfa, ryegrass, timothy, fescue	2-3 kg/100L/ha (1.75-2.625 lb/10 gal/acre)	Apply when plants are 7-15cm (3-6 inches) high before first cut, and then 10-14 days before each cutting.
Tree, fruit and vine crops such as: Apples, cherries, pear, stone fruit, table and wine grapes, and berry crops such as: Blueberries, cranberries, raspberries, strawberries	2-3 kg/ha (1.75-2.625 lb/acre)	Apply every 10-14 days. Make application from early flowering to early ripening.
Ornamental plants (open field)	2-3 kg/ha (1.75-2.625 lb/acre)	Apply using a 10 day interval.
Greenhouse and Potted Plants – all crops and ornamentals	1-2 kg/ha (0.875-1.75 lb/acre) or 10-20 g/100m <sup>2</sup> (0.35-0.7 oz/1000 sqft)	Apply using a 10-14 day interval.
Turf	2-4 kg/ha (1.75-3.5 lb/acre) or 40-80 g/100m <sup>2</sup> (0.71-1.4 oz/1000 sqft)	Make applications beginning after green up. Can be mixed with fertilizers. Applications may be made every 10-14 days.

### FERTIGATION (DRIP/TRICKLE/SPRINKLER IRRIGATION) AND IN-FURROW/SIDE DRESS APPLICATION RATES: Dissolve 1 Part EZ-Gro N 18-0-0 to 4 Parts Water and Apply as a Concentrate In-Furrow or Inject into Fertigation System

CROP	APPLICATION RATES	APPLICATION TIMING
Berries such as: Blueberries, cranberries, raspberries, strawberries	2-4 kg/ha (1.75-3.5 lb/acre)	Begin applications approximately 14 days after transplanting and continue until early fruit ripening.
Vegetables such as: Fruiting vegetables, cucurbits, brassica or cole crops	2-3 kg/ha (1.75-2.625 lb/acre)	Begin applications 14-21 days after transplanting. Continue applications on a 14-21 day interval during fruit set and fruit sizing.
Hydroponics and Cannabis	2 g/L (1 oz/4 gal/acre)	Apply to roots weekly throughout grow and bloom
Soil & Compost	2kg (1 oz/4 gal/acre)	Apply to soil and mix thoroughly



Lot Number: AH20190110  
Expiry Date: 2021.01.09

Registration Number 2019011A Fertilizers Act  
Manufactured by Higo Corp Inc. 605 Justus Dr., Kingston, ON K7M 4H5  
613-384-8882 | www.ez-gro.com | info@ez-gro.com

**25 KG | 55.12 LBS**

### Application Rates:

**In all crops | 1.5-2 kg/100L/ha**

In case of stress, several applications with smaller application rates increase efficiency. 300-500 ml per 100 L water with plant protection treatments

**Vegetables such as: Fruiting vegetables, cucurbits, brassica or cole crops; leafy vegetables | 2-3 kg/ha**

First application 10-14 days after transplanting, then apply 3-4 times at 10-14 day intervals from early flowering and during fruit sizing

**Field crops such as: Corn, potatoes, barley, canola, soybeans, sorghum, sugar beets, wheat, lentils, beans, peas | 2-3 kg/100L/ha**

Apply mid-vegetative and early flowering. Can be mixed with herbicides (including glyphosate) and fungicides. Applications may be made every 10-14 days

**Forage crops such as: Alfalfa, ryegrass, timothy, fescue | 2-3 kg/100L/ha**

Apply when plants are 3-6 inches high before first cut, and then 10-14 days before each cutting.

**Tree, fruit and vine crops such as: Apples, cherries, pear, stone fruit, table and wine grapes, Blueberries, cranberries, raspberries, strawberries | 2-3 kg/ha**

Apply every 10-14 days. Make application from early flowering to early ripening.

**Ornamental plants (open field) | 2-3 kg/ha**

Apply using a 10 day interval.

**Greenhouse and Potted Plants – all crops and ornamentals | 1-2 kg/ha**

Apply using a 10-14 day interval.

**Turf | 2-4 kg/ha**

Make applications beginning after green up. Can be mixed with herbicides, fertilizers, and fungicides. Applications may be made every 10-14 days.





# HUMIC ACID (80%)

## PLANT & SOIL SUPPLEMENT

### Description

EZ-Gro Humic Acid 0-0-5 (80%) is an organic non-plant food soil or foliar treatment that is 100% water-soluble and offers many benefits to your soil and crops. It is considered an efficient and effective method to enhance the uptake of endogenous and exogenous nutrients, allowing it to optimize your current fertilizer program. Humic acid has been shown to enhance soil structure and fertility, alter nutrient root architecture to improve nutrient uptake, and even reduce metal toxicity through its chelating properties. Apply EZ-Gro Humic Acid 0-0-5 (80%) with your regular fertilizer program to stimulate germination, enhance root, leaf and shoot growth, and protect your plants against heavy metal toxicity.

- SUITABLE FOR ORGANIC USE
- POWERFUL FUNGI PROMOTER
- AIDS IN MOISTURE AND NUTRIENT RETENTION
- PROMOTES SEED GERMINATION

### Guaranteed Minimum Analysis

80.00% Humic Acid, 5.00% Potassium

### Background

- Humic substances, including both humic and fulvic acid, are one of the largest constituents of soil matter and are therefore considered a key component of the ecosystem.
- Humic acid has been proven to increase uptake of numerous essential nutrients from soil and has shown significant increases in growth and yield (upwards of 40%).
- Humic acid has even been shown to increase the post-harvest vase life of cut flowers and decreased their post-harvest weight loss.



### HUMIC ACID 0-0-5 (80%)

#### GUARANTEED MINIMUM ANALYSIS

Soluble Potash (K<sub>2</sub>O).....5%

Humic Acid.....80%

DERIVED FROM: Leonardite and Potassium Hydroxide

EZ-Gro 0-0-5 Humic Acid (80%) is 100% water-soluble and can be used as a soil or foliar application. It may enhance nutrient uptake by plants. It is compatible with most powdered and liquid fertilizer and biological and enzymatic formulations.

#### APPLICATION RATES

Field Applications: Apply between 2.5 to 5 kg diluted with enough water for coverage/ha/season. Apply four applications of 1.25 litres / hectare each spread over the growing season.

Broadacre Planting Blend: 2.5 Kg per Ha.

Nursery Products: Foliar application not recommended without rainfall, sprinkler irrigation or high humidity to prevent residue on leaves.

General Purpose: 2-5% of total blend i.e. Mix 2-5 kg of EZ-Gro 0-0-5 Humic Acid (80%) with every 100 kg of Urea, DAP, MAP, etc., but do not exceed 10 kg per ha when banded or 20 kg per ha when broadcast.

Hydroponic Gardens & Cannabis: Mix 4 ml of a 5% Humic Acid Concentrate (see below for mixing instructions) per liter of water in reservoir.

Humic Acid can be blended with granular fertilizer or dissolved in water to produce a concentrated liquid. To make a 5% Humic Acid Concentrate solution - Add 65 grams/1 litre or 6.5 kilograms/100 litres of EZ-Gro 0-0-5 Humic Acid (80%) to water and mix vigorously.

CAUTION: Foliar application of EZ-Gro 0-0-5 Humic Acid (80%) close to harvest may leave a brown residue on the harvestable portion of the crop. Rainfall, sprinkler irrigation or high humidity should alleviate this condition.

Crop	Application	kg/Season
Orchard Crops: Such as Apples, Peaches, Cherries, Plums, Apricot	Apply to soil through irrigation at beginning of the season	5 kg
Grapes	Applied on its own through fertigation at post-harvest and spring	2.5 - 5 kg
Barley, Oats, Rye, Spring or Winter Wheat, Corn, Sweet Corn, Canola, Flaxseed, Mustard, Rapeseed, Safflower, Sunflower, Soy, Lentils	Apply on its own in the plant furrow	1.25 - 2.5 kg
Alfalfa, Clover, Hay	5 applications per annum	1.25 - 2.5 kg
Nurseries: Container, Field, Greenhouse	Apply bi-weekly through irrigation	2.5 - 5 kg
Greenhouse & Field Tomatoes, Peppers, Eggplant, Lettuce, Celery, Spinach, Swiss Chard, etc.	May be applied through fertigation at planting	2.5 - 5 kg
Seedlings	Dip tray in	5% Solution
Seed soak	Soak tomato seeds 72 hrs, cabbage & squash 48 hrs, potatoes 12 hrs, and most other vegetable seeds 24 hrs before planting.	5% Solution
Seed treatment	Mix with seed	1 kg/ton of seed
Turf	1. Regular applications to greens and tees are especially beneficial. 2. Applied as a bio-stimulant to increase the number and activity of micro-organisms. This will improve grass growth and help reduce soil borne disease symptoms in the turf.	2 - 8 kg



Registration Number 2015119A Fertilizers Act  
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25 KG

☐ POWDER  
☐ GRANULAR

### Application Rates:

**Orchard Crops: Such as Apples, Peaches, Cherries, Plums, Apricot | 5kg/ha/season**

Apply to soil through irrigation at beginning of the season

**Grapes | 2.5-5kg/ha/season**

Apply through fertigation at post-harvest and spring

**Barley, Oats, Rye, Spring or Winter Wheat, Corn, Sweet Corn, Canola, Flaxseed, Mustard, Rapeseed, Safflower, Sunflower, Soy, Lentils | 1.25-2.5kg/ha/season**

Apply on its own in the plant furrow

**Alfalfa, Clover, Hay | 1.25-2.5kg/ha/season**

5 applications per annum

**Nursery Container/Field/Greenhouse | 2.5-5kg/ha/season**

Apply bi-weekly through irrigation

**Greenhouse & Field Tomatoes, Peppers, Eggplant, Lettuce, Celery, Spinach, Swiss Chard, etc. |**

**2.5-5kg/ha/season**

May be applied through fertigation at planting

**Seedlings | 5% Solution**

Dip tray in

**Seed soak | 5% Solution**

Soak tomato seeds 72 hrs, cabbage & squash 48 hrs, potatoes 12 hrs, and most other vegetable seeds 24 hrs before planting.

**Seed treatment | 1kg/ton of seed**

Mix with seed

**Turf | 2-8 kg/ha/season**

1. Regular applications to greens and tees are especially beneficial. 2. Applied as a bio-stimulant to increase the number and activity of micro-organisms. This will improve grass growth and help reduce soil borne disease symptoms in the turf.





# FULVIC ACID (70%)

PLANT & SOIL SUPPLEMENT

## Description

EZ-Gro Fulvic Acid 0-0-3 70% is an organic non-plant food soil or foliar treatment that is 100% water-soluble and offers many benefits to your soil and crops. It is considered an efficient and effective method to enhance the uptake of endogenous and exogenous nutrients, allowing it to optimize your current fertilizer program. Fulvic acid is a potent organic electrolyte that enhances cell division and elongation, which leads to a significant magnification of root growth. It also offers protection against certain abiotic stresses like drought and salinity due its alteration of water transport and storage, and can also help stabilize the pH of your soil. EZ-Gro Fulvic Acid 0-0-3 70% in addition to your regular fertilizer regime to reap the many benefits on crop production and soil composition.


- **SUITABLE FOR ORGANIC USE**
- **ENHANCES NUTRIENT UPTAKE**
- **PROMOTES CELL DIVISION AND ELONGATION**
- **IMPROVES MOISTURE STORAGE**

## Guaranteed Minimum Analysis

70.00% Fulvic Acid, 3.00% Potassium

## Background

- When foliar applied, fulvic acid can increase oxygen uptake capacity, thereby increasing chlorophyll production – this leads to an increase in nutrient uptake
- Fulvic acid is a potential natural chelating agent – may help protect against heavy metal toxicity
- Fulvic acid has been shown to significantly increase marketable yield of fruits during multiple field trials



### FULVIC ACID 0-0-3 (70%)

**GUARANTEED MINIMUM ANALYSIS**

Soluble Potash (K <sub>2</sub> O)	3%
Fulvic Acid	70%

DERIVED FROM: Peat

EZ-Gro Fulvic Acid 0-0-3 (70%) is 100% water-soluble and can be used as a soil or foliar application. It may enhance nutrient uptake by plants. It is compatible with most powdered and liquid fertilizers biological and enzymatic formulations.

#### APPLICATION RATES

VEGETABLES & FLOWERS, GREENHOUSE & FIELD	Foliar Application: 0.5-2 kg/ha - Root/Drip Irrigation: 1-3 kg/ha	Optional
Melons, eggplants, peppers, squash	First: Early bloom	Second: First fruit set
Beans, peas, lentils, canola	First: Six leaf stage	Second: Three weeks later
Broccoli, cabbage, cauliflower	First: Six true leaf stage	Second: Just prior to bloom
Cucumbers, cucurbits	First: Six leaf stage	Second: Just prior to bloom
Sweet corn	First: Six leaf stage	Second: 55-75cm growth
Leeks, onions, carrots, turnips	First: 2-3 weeks after emergence	Second: Root enlargement
Potatoes	First: Six leaf stage	Second: Pea size
Tomatoes (fresh fruit market)	First: Six leaf stage	Second: Early bloom
Leafy vegetables, lettuce, etc.	First: Every 2 weeks	Second: Bulking up
Nursery plants, containers & field hydroponic gardens and cannabis	First: Every 2 weeks	Second: Bulking up

FRUIT	Foliar Application: 0.5-2 kg/ha - Root/Drip Irrigation: 1-3 kg/ha	Optional
Grapes	First: 20-30cm cane	Second: Full blooming date
Apples/pears	First: Green tip	Second: Full blooming date
Strawberries & other berries	First: Just after transplant	Second: Pre-bloom pink bud
Plums, cherries	First: Pink white bud	Second: Full bloom

ECONOMIC CROP	Foliar Application: 0.5-2 kg/ha - Root/Drip Irrigation: 1-3 kg/ha	Optional
Oilseed crops	First: Before reproductive growth stage	Second: At height of flowering
Tobacco	First: Early post emergence	Second: After every leaves picked
Hops	First: Early post emergence	Second: Five weeks later
Forage crops	First: After each cut	Second: Every 4 weeks

GRAINS	Foliar Application: 0.5-2 kg/ha - Root/Drip Irrigation: 2-4 kg/ha	Optional
Winter wheat and oats	First: First node	Second: Flag leaf
Winter (malting) barley	First: Early post emergence	Second: After any environmental stress
Spring wheat and oats	First: 1-3 tillers	Second: Flag leaf and after any environmental stress
Spring (malting) barley	First: First node	Second: Flag leaf and after any environmental stress
Corn	First: 2-6 leaf stage	Second: 50-75 cm. growth

**SEED TREATMENT:** 0.5 kg per ton of seed.

Fulvic acid powder can be blended with granular fertilizer or dissolved in water to produce a concentrated liquid. To make a 20% Fulvic Concentrate solution: Add 150g/litre or 15 kg/100 litres of EZ-Gro 0-0-3 Fulvic Acid (70%) to water and mix vigorously.



For Organic Use

Lot Number: **25 KG**

Expiry Date:

Registration Number 2015120A Fertilizers Act  
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613-384-8882 | www.ez-gro.com | info@ez-gro.com

## Application Rates

**Foliar Application: 0.5-2 kg/ha - Root/Drip Irrigation: 1-3 kg/ha**

**Grapes** | FIRST: 20-30cm cane | SECOND: 45-60cm cane | THIRD: Full blooming date | FOURTH: Berry set/early | OPTIONAL: 3 wks later

**Apples/pears** | FIRST: Green tip | SECOND: Pre-bloom pink bud | THIRD: Full blooming date | FOURTH: Early fruit formation | OPTIONAL: Every 3 wks

**Strawberries & other berries** | FIRST: Just after transplant | SECOND: Prior to bloom | THIRD: Whilst picking | FOURTH: 3 wks later | OPTIONAL: Every 3 wks

**Stone fruit** | FIRST: Bud burst | SECOND: Petal fall | THIRD: 4 wks later | FOURTH: 3 wks later | OPTIONAL: Every 3 wks

**Plums, cherries** | FIRST: Pink white bud | SECOND: Full bloom | THIRD: Early fruit formation | FOURTH: 3 wks later | OPTIONAL: Every 3 wks

**Melons, eggplants, peppers, squash** | FIRST: Six-leaf stage | SECOND: Early bloom | THIRD: First fruit set | OPTIONAL: 4 wks later

**Beans, peas, lentils, canola** | FIRST: Six-leaf stage | SECOND: First bloom | THIRD: First pods

**Broccoli, cabbage, cauliflower** | FIRST: Six true leaf stage | SECOND: Three wks later | THIRD: Head initiation

**Cucumbers, cucurbits** | FIRST: Six-leaf stage | SECOND: Just prior to bloom | THIRD: Whilst picking

**Sweet corn** | FIRST: Six-leaf stage | SECOND: 55-75cm growth | THIRD: Just prior to tasseling

**Leeks, onions, carrots, turnips** | FIRST: 2-3 wks after emergence | SECOND: Root enlargement | THIRD: Every 2 wks until harvest

**Potatoes** | FIRST: Six-leaf stage | SECOND: Approx. Pea size | THIRD: Early bloom | OPTIONAL: Bulking up

**Tomatoes (fresh fruit market)** | FIRST: Six-leaf stage | SECOND: Early bloom | THIRD: Whilst picking | OPTIONAL: After 2 wks

**Leafy vegetables, lettuce, etc.** | FIRST: Every 2 wks

**Nursery plants, containers & field** | FIRST: Every 2 wks

**Hydroponic gardens and cannabis** | FIRST: Mix 1ml of fulvic acid concentrate per liter of water in reservoir

**Oilseed crops** | FIRST: Before reproductive stage | SECOND: At height of flowering | THIRD: Every 4 wks

**Tobacco** | FIRST: Early post emergence | SECOND: After every leaves picked | THIRD: Early bloom | OPTIONAL: Every 4 wks

**Hops** | FIRST: Early post emergence | SECOND: Five wks later | THIRD: Every 4 wks

**Forage crops** | FIRST: After each cut

**Winter wheat and oats** | FIRST: First node | SECOND: Flag leaf | OPTIONAL: After any environmental stress

**Winter (malting) barley** | FIRST: Early post emergence | SECOND: After any environmental stress

**Spring wheat and oats** | FIRST: 1-3 tillers | SECOND: First node | OPTIONAL: Flag leaf and after any environmental stress

**Spring (malting) barley** | FIRST: 1-3 tillers | SECOND: First node | OPTIONAL: Flag leaf and after any environmental stress

**Corn** | FIRST: 2-6 leaf stage | SECOND: 50-75 cm. growth | OPTIONAL: Just prior to tasseling





# KELP EXTRACT

## PLANT & SOIL SUPPLEMENT

### Description

EZ-Gro Kelp Extract 0-0-16 is an organic plant nutrient containing derived 100% kelp extract and containing 16% soluble potassium. When applied in small quantities, kelp extracts demonstrate growth stimulation. It has been shown to aid early germination and establishment, enhance crop production and quality, and even boost resistance to abiotic stress. The components of kelp extract include macro and microelements, amino acids, vitamins, cytokinins, auxins, and others that work synergistically to stimulate growth and production and increase resistance to environmental stress. Add EZ-Gro Kelp Extract 0-0-16 to your regular fertilization routine to improve soil environment and stimulate growth of almost any crop.


- SUITABLE FOR ORGANIC USE
- CONTAINS CYTOKININS, AUXINS AND GIBBERELLINS
- 100% WATER SOLUBLE
- IMPROVES PLANT AND SOIL HEALTH

### Guaranteed Minimum Analysis

16.00% Potassium, 100% Kelp Extract

### Background

- Use of kelp as a plant biostimulant is well established practice
- Kelp extracts are highly bioactive even at low concentrations
- The various components of kelp extract (hormones, betains, sterols etc.) all play their own role and work together to elicit the many benefits observed when used as fertilizer
- Kelp has also been shown to enhance soil composition as certain components may trigger the proliferation so beneficial rhizobacteria, which secrete soil conditioning compounds




## KELP EXTRACT 0-0-16

GUARANTEED MINIMUM ANALYSIS	
Soluble Potash (K <sub>2</sub> O) .....	16%
Kelp Extract (Ascophyllum nodosum) .....	100%
DERIVED FROM: Kelp Extract (Ascophyllum nodosum)	

EZ-Gro Kelp Extract is a refined kelp extract powder made from premium cold-pressed Atlantic kelp. It promotes germination and growth in seeds and plants. It also helps boost crop strength and yields. EZ-Gro Kelp Extract contains natural plant growth regulators and enhances resistance to abiotic stress. It is a powerful organic electrolyte.

APPLICATION RATES		
CROP	APPLICATION RATE	INSTRUCTIONS
General Application and potted flowers, vegetables, fruit, plants	1 g (1/4 tsp) / L water	Apply weekly through grow and bloom cycle.
Seeds and Bulbs	1 g (1/4 tsp) / L water	Soak overnight. After planting, water with the same solution.
Seeds for field sowing, cuttings	1 g (1/4 tsp) / L water	Soak briefly. After planting, water with the same solution.
Soil and compost	1 kg per 100 kg soil/compost	Mix dry product thoroughly or dilute 200-300 times and sprinkle liquid over soil/compost.
Hydroponics and medical marijuana	1/2-1 g (1/8-1/4 tsp) / L water	Add to roots weekly through grow and bloom cycle.

CROP	APPLICATION RATE (KG / HA)	INSTRUCTIONS
Vegetables including leafy greens, legumes, crucifers, alliums, etc.	1-1.5	At six leaf stage or 2-3 weeks after emergence. Repeat every 2-3 weeks and after each picking.
Tomatoes, potatoes, peppers, eggplant	1	Weekly after transplanting throughout season.
Orchards / Vineyards	1-1.5	Just prior to flowering. Repeat every 2-3 weeks.
Turf	0.3-0.8	Every 2 weeks after emergence.
Pasture / Hay / Meadow	1-1.5	Spray 2 weeks after emergence, reapply after grazing or cutting.
Field Crops: Wheat, Canola, Soybean, Corn, etc.	0.75	At 3-5 leaf stage, and/or apply at fungicide application



For Organic Use

Lot Number: **25 KG**

Expiry Date:

Registration Number XXXXXXXX Fertilizers Act  
Manufactured by Higo Corp Inc. 605 Justus Dr., Kingston, ON K7M 4H5  
613-384-8882 | www.ez-gro.com | info@ez-gro.com

### Application Rates:

**Vegetables including leafy greens, legumes, crucifers, alliums, etc. | 1-1.5 kg/ha**

At six leaf stage or 2-3 weeks after emergence. Repeat every 2-3 weeks and after each picking.

**Tomatoes, potatoes, peppers, eggplant | 1 kg/ha**

Weekly after transplanting throughout season.

**Orchards / Vineyards | 1-1.5 kg/ha**

Just prior to flowering. Repeat every 2-3 weeks.

**Turf | 0.3-0.8 kg/ha**

Every 2 weeks after emergence.

**Pasture / Hay / Meadow | 1-1.5 kg/ha**

Spray 2 weeks after emergence, reapply after grazing or cutting

**Field Crops: Wheat, Canola, Soybean, Corn, etc. | 0.75 kg/ha**

At 3-5 leaf stage, and/or apply at fungicide application

**General Application and potted flowers, vegetables, fruit, plants | 1 g / L water**

Apply weekly through grow and bloom cycle.

**Seeds and Bulbs | 1 g / L water**

Soak overnight. After planting, water with the same solution.

**Seeds for field sowing, cuttings | 1 g / L water**

Soak briefly. After planting, water with the same solution.

**Soil and compost | 1 kg per 100 kg soil/compost**

Mix dry product thoroughly or dilute 200-300 times and sprinkle liquid over soil/compost.

**Hydroponics and Cannabis |**

**1/2-1 g / L water**

Add to roots weekly through grow and bloom cycle.









# ARMOUR-P 0-0-30

**PLANT & SOIL SUPPLEMENT**

## Description

EZ-Gro Armour-P 0-0-30 is a concentrated Potassium Silicate powdered fertilizer additive that can help your plants protect themselves against a myriad of stresses including moisture, temperature, salt, and heavy metals. The Silicon Dioxide contained in Potassium Silicate offers two levels of protection – silicon inserts into the cell wall forming a physiological barrier, while also activating biochemical pathways to increase water usage efficiency and promote growth in response to, or despite of, abiotic stress. Apply EZ-Gro Armour-P 0-0-30 during times of stress to help your crops defend themselves and survive detrimental conditions.

- PROTECTS PLANTS AGAINST STRESS
- INCREASES PLANT WATER USAGE AND EFFICIENCY
- STRENGTHENS PLANT CELLS
- IMPROVES DROUGHT RESISTENCE

## Guaranteed Minimum Analysis

50.00% Silicon Dioxide, 30.00% Potassium

## Background

- Potassium Silicate is abundant in soil and readily taken up by plants to offer structural fortification and regulation of water use.
- Silicon Dioxide, found in Potassium Silicate, plays an important role in abiotic stress resistance during drought or saline stress, strengthens cell walls and prevents lodging.
- Silicon Dioxide is more effective than salicylic acid at protecting against drought stress due to its dual mode of action:
  - o Silicon forms a structural barrier as it is incorporated into the cell wall – preventing water from leaving cells during stress
  - o Silicon can also turn on stress-induced pathways that aid in the preservation of water

**EZ-GRO**

**ARMOUR-P 0-0-30**

**GUARANTEED MINIMUM ANALYSIS**  
Silicon Dioxide (SiO<sub>2</sub>).....50%  
Soluble Potash (K<sub>2</sub>O).....30%  
DERIVED FROM: Potassium Silicate

EZ-Gro Armour-P is a concentrated Potassium Silicate, powdered fertilizer additive that can help your plants protect themselves against a myriad of stresses including moisture, temperature, and salt. EZ-Gro Armour-P offers two levels of protection – silicon inserts into the cell wall forming a physiological barrier, while also activating biochemical pathways, to increase water usage efficiency and promote growth in response to abiotic stress.

### APPLICATION CHART:

TO PROMOTE GROWTH AND STRUCTURAL FORTIFICATION DURING STRESS.  
APPLY WITH ENOUGH WATER FOR COVERAGE.

CROP	RATE (G/HA)	INSTRUCTIONS: BEGIN APPLICATION AT TRANSPLANT OR FIRST LEAVES
Lettuce	35	5 applications at 10 day intervals
Tomato	35	10 applications at 10 day intervals
Pepper/Eggplant	40	7 applications at 14 day intervals
Cucumber/Zucchini	40	6 applications at 10 day intervals
Melon	50	7 applications at 10 day intervals
Strawberries	30	10 applications at 7 day intervals
Roses	40	6 applications at 7 day intervals
Wheat, Barley, Oats	25	From 3-5 leaf stage to first node
Turf	95-150	Apply as needed
Hydroponics & Cannabis	1 ml/10 L water	Add to tank weekly through grow and bloom
Soil & Compost	1 ml/10 L soil	Apply to soil/compost and mix thoroughly

**CAUTION**  
Keep out of reach of children and animals.  
Do not enter treated areas within 4 hours of final application. Causes severe skin burns and eye damage. May cause respiratory irritation. Wear protective gloves, clothing, eye and face protection. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to water bodies. Immediately contact a health care provider if exposure, consumption or feeling unwell. If in eyes, rinse with abundant water for at least 15 minutes. For contact with skin, wash immediately with plenty of water. Remove and discard contaminated clothing and equipment. Do not feed, water, milk or breed any of your animals. Do not use on crops or animals intended for human consumption. Do not use on crops or animals intended for human consumption. Do not use on crops or animals intended for human consumption. Do not use on crops or animals intended for human consumption.



Lot Number:

Expiry Date:

**25 KG**

Registration Number 2017056A Fertilizers Act  
Manufactured by Higo Corp Inc. 605 Justus Dr., Kingston, ON K7M 4H5  
613-384-8882 | www.ez-gro.com | info@ez-gro.com

## Application Rates:

**STARTING AT TRANSPLANT OR FIRST LEAVES**

**Lettuce | 35 G/HA**

5 applications at 10 day intervals

**Tomato | 35 G/HA**

10 applications at 10 day intervals

**Pepper/Eggplant | 40 G/HA**

7 applications at 14 day intervals

**Cucumber/Zucchini | 40 G/HA**

6 applications at 10 day intervals

**Melon | 50 G/HA**

7 applications at 10 day intervals

**Strawberries | 30 G/HA**

10 applications at 7 day intervals

**Roses | 40 G/HA**

6 applications at 7 day intervals

**Wheat, Barley, Oats | 25 G/HA**

From 3-5 leaf stage to first node

**Turf | 95-150 G/HA**

Apply as needed

**Hydroponics & Cannabis | 1 ml/10 L water**

Add to tank weekly through grow and bloom

**Soil & Compost | 1 ml/10 L soil**

Apply to soil/compost and mix thoroughly



## PLANT & SOIL SUPPLEMENT

## Description

EZ-Gro SA-P 72.5% contains Salicylic Acid, a naturally occurring plant hormone, which plays a vital role in plant growth and development, photosynthesis, transpiration, ion uptake and transport. Salicylic Acid improves resistance to drought and environmental stress, enhances hardiness, flowering and fruit yield, and aids in Systemic Acquired Resistance (SAR). Apply EZ-Gro SA-P 72.5% to your crops to protect against abiotic stress and improve overall quality and yield.

- IMPROVES RESISTANCE TO STRESS AND DROUGHT
- ENHANCES HARDINESS
- PROMOTES FLOWERING AND FRUIT YIELD

## Guaranteed Minimum Analysis

72.50% Salicylic Acid, 27.50% Potassium

## Background

- Salicylic Acid is an endogenous signaling molecule associated with defense mechanisms native to plants.
- Salicylic Acid is known to protect against drought and salinity, heavy metal toxicity, and extreme heat.
- Considered a “therapeutic agent” for crops, Salicylic Acid is important throughout the entire plant lifecycle.

[illegible]

### Application Rates:

**Nursery Stock (Containerized and field grown): trees, annuals, perennials, herbs, and vegetables | 40 ml / 100L water (10% Solution)**

Apply every 30 days or as needed commencing at transplant or 3-5 leaf stage.

**Fruits and Berries: plums, apricots, cherry, peach, blueberries, blackberries, raspberries, etc.** | 50 ml / ha (10% Solution) | 7 g / ha (Undiluted)

3-4 applications commencing at 75% petal drop and repeating with 21-28 day intervals

**Apples and Pears** | 50 ml / ha (10% Solution) | 7 g / ha (Undiluted)  
3-4 applications commencing at 50% flowering and repeating  
with 21 day intervals

**Fruiting vegetables** | 50 ml / ha (10% Solution) | 7 g / ha  
(Undiluted)

1st application prior to fruit set, repeat after 2 weeks

**Lettuce, cauliflower, cabbage** | 50 ml / ha (10% Solution) | 7 g / ha  
(Undiluted)

1st application at 3-5 leaf stage, repeat after 2 weeks

**Potatoes** | 50 ml / ha (10% Solution) | 7 g / ha (Undiluted)

1st application at tuber initiation, repeat after 2 weeks

**Cucurbits** | 50 ml / ha (10% Solution) | 7 g / ha (Undiluted)

1st application at flowering, repeat after 21 days

**Grapes: table and wine** | 50 ml / ha (10% Solution) | 7 g / ha (Undiluted)

Apply every 4-6 weeks once plants begin to grow

**Herbs** | 50 ml / ha (10% Solution) | 7 g / ha (Undiluted)

Apply every 4-6 weeks once plants begin to grow

**Field crops** | 50 ml / ha (10% Solution) | 7 g / ha (Undiluted)  
After 3-5 leaf stage.

**Grasses grown for seed, sod, pasture, forage, alfalfa | 50 ml / ha  
(10% Solution) | 7 g / ha (Undiluted)**

Apply when 2-4" tall.

**Compost and Soil** | 40ml/100L (10% Solution)

Apply to soil or compost and mix thoroughly.

**Hydroponics and Cannabis** | 1 g/200 L water (Undiluted)

Apply to roots weekly beginning at transplant



# AMINO ACID CHELATES

EZ-Gro Amino Acid Chelated Micronutrients are biostimulant supplement powders, which exploit amino acid chelation to enhance bioavailability of elements essential to plant growth. They are intended for use as supplements for the correction of deficiencies in Boron, Calcium, Copper, Iron, Magnesium, Manganese, and Zinc. They may be used on all agricultural, horticultural and ornamental crops that require and respond to micronutrient supplements. EZ-Gro Amino Acid Chelated Micronutrients may be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers. They may be formulated into NPK fertilizers as a source of micronutrients, and are compatible with a wide range of fertilizer materials, pesticides, herbicides and fungicides.



# BORON (B) 8% 9-0-0

AMINO ACID CHELATES


## Description

Boron is an essential macronutrient required for proper reproductive and vegetative growth as well as development of most plants. It is involved in the development and maintenance of structural components of cells and many growth deficiencies are seen without adequate levels. Add EZ-Gro Boron (B) 8% 9-0-0 to your current fertilizer regimen to fix boron deficiencies and improve growth, yield and quality of your plants.

## Guaranteed Minimum Analysis

8.00% Boron, 9.00% Nitrogen, 25.00% Amino Acids

- IMPROVES PLANT AND SOIL QUALITY AND HEALTH
- CERTIFIED ORGANIC BY ECOCERT
- CORRECTS BORON DEFICIENCIES



### BORON (B) 8% 9-0-0

GUARANTEED MINIMUM ANALYSIS	
Total Nitrogen (N).....	9%
Boron (B).....	8%
Amino Acids.....	25%

EZ-Gro Boron (B) 8% 9-0-0 is an Amino Acid, Chelated Micronutrient and Biostimulant, and is intended for use as a plant nutrient supplement for the correction of Boron deficiencies. It may be used on all agricultural, horticultural and ornamental crops that require and respond to Boron nutritional supplements. EZ-Gro Boron (B) 8% 9-0-0 may be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers. It may be formulated into NPK fertilizers as a source of Boron, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and fungicides.

#### APPLICATION DIRECTIONS

For best results, foliar applications of EZ-Gro Boron (B) 8% 9-0-0 should be made in early morning or late evening. Some foliar burning can result if applied during hot, dry, daytime conditions. The recommended rates have been extremely successful for foliar usage, though phytotoxic symptoms may occasionally occur on sensitive crops. Consult your local agronomist for additional information on rates, timing of application and sensitivity of varieties or hybrids to phytotoxicity.

#### MIXING INSTRUCTIONS

When making solutions of this product for soil or foliar application, DO NOT premix with water. Add this product directly to water in the solution tank, slowly and under good agitation. Continue stirring for several minutes until fully dissolved. If tank mixing with other agricultural chemicals, add this product first and allow to dissolve before adding other chemicals.

#### DIRECTIONS FOR USE

##### SOIL APPLICATION

Apply to soil around plants as a powder, liquid spray, liquid injection, or through drip irrigation. When applied as a powder, this product must be watered in within 4 hours of treatment. Soil injections should be no more than three feet apart.

##### FOLIAR APPLICATION

DO NOT apply this product when the crop is under water stress. Application after irrigation or rainfall is best. Spraying should be carried out on a calm day but not during strong sunshine. Early morning or late afternoon applications are best. If rainfall occurs within 3-4 hours after application, it may be necessary to re-spray in 3 to 4 days. If EZ-Gro Boron (B) 8% 9-0-0 is to be applied alone, a non-ionic wetting agent should be added to the spray tank in accordance with the manufacturer's direction. If the product is to be applied in conjunction with other chemicals which may contain their own wetting agent, then additional wetting agents may not be necessary. If using in conjunction with a hormone type selective weed killer, consult the manufacturer of the herbicide regarding the effect of wetting agents on their product. DO NOT apply to trees bearing mature fruit until you have determined that this product will not damage or mark the fruit in any way.

RATES	
DEFICIENCY LEVEL	KG/ HECTARE / YEAR
Maintenance	0.5 to 1
Moderate Deficiency	1 to 1.5
Severe Deficiency	1.5 to 2

\* Or as determined by tissue analysis.

**CAUTION**  
Keep out of reach of children and animals.  
This fertilizer contains Boron and should be used only as recommended. It may prove harmful when misused. Keep pH of water below 7. Do not mix with alkaline material. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May be corrosive to metals. Wear protective clothing, gloves and eye or face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. If you feel sick, vomit and seek medical advice. If you feel drowsy or dizzy, stop using the product. If you feel dizzy or dizzy, stop using the product. Take off contaminated clothing and wash before reuse. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists contact a health care provider. If swallowed, drink plenty of water. Do not induce vomiting. Store in original, corrosion resistant container, in a cool, dry area, out of direct sunlight. Dispose of contents and packaging in accordance with local, regional, and federal legislation.

Lot Number: **20 KG | 44.09 LBS**

Registration Number 2016100A Fertilizers Act  
Manufactured by Higo Corp Inc. 605 Justus Dr., Kingston, ON K7M 4H5  
613-384-8882 | [www.ez-gro.com](http://www.ez-gro.com) | [info@ez-gro.com](mailto:info@ez-gro.com)

# CALCIUM (CA) 10% 8-0-0

AMINO ACID CHELATES


## Description

Calcium is an essential messenger and is associated with virtually all aspects of plant growth and development. It is crucial for the proper incorporation of cell wall components, and has a structural role in the quality of plant development. Add EZ-Gro Calcium (Ca) 10% 8-0-0 to your current fertilizer regimen to remedy calcium deficiencies and improve growth, yield and quality of your plants.

## Guaranteed Minimum Analysis

10.00% Calcium, 8.00% Nitrogen, 25.00% Amino Acids

- IMPROVES PLANT AND SOIL QUALITY AND HEALTH
- CERTIFIED ORGANIC BY ECOCERT
- CORRECTS CALCIUM DEFICIENCIES



### CALCIUM (CA) 10% 8-0-0

GUARANTEED MINIMUM ANALYSIS	
Total Nitrogen (N).....	8%
Calcium (Ca).....	10%
Amino Acids.....	25%

EZ-Gro Calcium (Ca) 10% 8-0-0 is an Amino Acid, Chelated Micronutrient and Biostimulant, and is intended for use as a plant nutrient supplement for the correction of Calcium deficiencies. It may be used on all agricultural, horticultural and ornamental crops that require and respond to Calcium nutritional supplements. EZ-Gro Calcium (Ca) 10% 8-0-0 may be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers. It may be formulated into NPK fertilizers as a source of Calcium, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and

#### APPLICATION DIRECTIONS

For best results, foliar applications of EZ-Gro Calcium (Ca) 10% 8-0-0 should be made in early morning or late evening. Some foliar burning can result if applied during hot, dry, daytime conditions. The recommended rates have been extremely successful for foliar usage, though phytotoxic symptoms may occasionally occur on sensitive crops. Consult your local agronomist for additional information on rates, timing of application and sensitivity of varieties or hybrids to phytotoxicity.

#### MIXING INSTRUCTIONS

When making solutions of this product for soil or foliar application, DO NOT premix with water. Add this product directly to water in the solution tank, slowly and under good agitation. Continue stirring for several minutes until fully dissolved. If tank mixing with other agricultural chemicals, add this product first and allow to dissolve before adding other chemicals.

#### DIRECTIONS FOR USE

##### SOIL APPLICATION

Apply to soil around plants as a powder, liquid spray, liquid injection, or through drip irrigation. When applied as a powder, this product must be watered in within 4 hours of treatment. Soil injections should be no more than three feet apart.

##### FOLIAR APPLICATION

DO NOT apply this product when the crop is under water stress. Application after irrigation or rainfall is best. Spraying should be carried out on a calm day but not during strong sunshine. Early morning or late afternoon applications are best. If rainfall occurs within 3-4 hours after application, it may be necessary to re-spray in 3 to 4 days. If EZ-Gro Calcium (Ca) 10% 8-0-0 is to be applied alone, a non-ionic wetting agent should be added to the spray tank in accordance with the manufacturer's direction. If the product is to be applied in conjunction with other chemicals which may contain their own wetting agent, then additional wetting agents may not be necessary. If using in conjunction with a hormone type selective weed killer, consult the manufacturer of the herbicide regarding the effect of wetting agents on their product. DO NOT apply to trees bearing mature fruit until you have determined that this product will not damage or mark the fruit in any way.

RATES	
DEFICIENCY LEVEL	KG/ HECTARE / YEAR
Maintenance	0.5 to 1
Moderate Deficiency	1 to 1.5
Severe Deficiency	1.5 to 2

\* Or as determined by tissue analysis.

**CAUTION**  
Keep out of reach of children and animals.  
This fertilizer contains Calcium and should be used only as recommended. It may prove harmful when misused. Keep pH of water below 7. Do not mix with alkaline material. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May be corrosive to metals. Wear protective clothing, gloves and eye or face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. If you feel sick, vomit and seek medical advice. If you feel drowsy or dizzy, stop using the product. If you feel dizzy or dizzy, stop using the product. Take off contaminated clothing and wash before reuse. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists contact a health care provider. If swallowed, drink plenty of water. Do not induce vomiting. Store in original, corrosion resistant container, in a cool, dry area, out of direct sunlight. Dispose of contents and packaging in accordance with local, regional, and federal legislation.

Lot Number: **20 KG | 44.09 LBS**

Registration Number 2016099A Fertilizers Act  
Manufactured by Higo Corp Inc. 605 Justus Dr., Kingston, ON K7M 4H5  
613-384-8882 | [www.ez-gro.com](http://www.ez-gro.com) | [info@ez-gro.com](mailto:info@ez-gro.com)



# COPPER (CU) 10% 8-0-0

AMINO ACID CHELATES


## Description

Copper is an essential metal required for the proper growth and development of plants as it is a cofactor for multiple enzymes, particularly those involved in photosynthetic electron transport. Add EZ-Gro Copper (Cu) 10% 8-0-0 to your current fertilizer regimen to remedy copper deficiencies and boost growth, yield and quality of your plants.

## Guaranteed Minimum Analysis

10.00% Copper, 8.00% Nitrogen, 25.00% Amino Acids

- IMPROVES PLANT AND SOIL QUALITY AND HEALTH
- CERTIFIED ORGANIC BY ECOCERT
- CORRECTS COPPER DEFICIENCIES



### COPPER (CU) 10% 8-0-0

**GUARANTEED MINIMUM ANALYSIS**

Total Nitrogen (N).....	8%
Copper (Cu).....	10%
Amino Acids.....	25%

EZ-Gro Copper (Cu) 10% 8-0-0 is an Amino Acid, Chelated Micronutrient and Biostimulant, and is intended for use as a plant nutrient supplement for the correction of Copper deficiencies. It may be used on all agricultural, horticultural and ornamental crops that require and respond to Copper nutritional supplements. EZ-Gro Copper (Cu) 10% 8-0-0 may be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers. It may be formulated into NPK fertilizers as a source of Copper, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and fungicides.

**APPLICATION DIRECTIONS**

For best results, foliar applications of EZ-Gro Copper (Cu) 10% 8-0-0 should be made in early morning or late evening. Some foliar burning can result if applied during hot, dry, daytime conditions. The recommended rates have been extremely successful for foliar usage, though phytotoxic symptoms may occasionally occur on sensitive crops. Consult your local agronomist for additional information on rates, timing of application and sensitivity of varieties or hybrids to phytotoxicity.

**MIXING INSTRUCTIONS**

When making solutions of this product for soil or foliar application, DO NOT premix with water. Add this product directly to water in the solution tank, slowly and under good agitation. Continue stirring for several minutes until fully dissolved. If tank mixing with other agricultural chemicals, add this product first and allow to dissolve before adding other chemicals.

**DIRECTIONS FOR USE**

**SOIL APPLICATION**  
Apply to soil around plants as a powder, liquid spray, liquid injection, or through drip irrigation. When applied as a powder, this product must be watered in within 4 hours of treatment. Soil injections should be no more than three feet apart.

**FOLIAR APPLICATION**  
DO NOT apply this product when the crop is under water stress. Application after irrigation or rainfall is best. Spraying should be carried out on a calm day but not during strong sunshine. Early morning or late afternoon applications are best. If rainfall occurs within 3-4 hours after application, it may be necessary to re-spray in 3 to 4 days. If EZ-Gro Copper (Cu) 10% 8-0-0 is to be applied alone, a non-ionic wetting agent should be added to the spray tank in accordance with the manufacturer's direction. If the product is to be applied in conjunction with other chemicals which may contain their own wetting agent, then additional wetting agents may not be necessary. If using in conjunction with a hormone type selective weed killer, consult the manufacturer of the herbicide regarding the effect of wetting agents on their product. DO NOT apply to trees bearing mature fruit until you have determined that this product will not damage or mark the fruit in any way.

DEFICIENCY LEVEL	RATES
Maintenance	0.5 to 1
Moderate Deficiency	1 to 1.5
Severe Deficiency	1.5 to 2

\* Or as determined by tissue analysis.

**CAUTION**  
Keep out of reach of children and animals.  
This fertilizer contains Copper and should be used only as recommended. It may prove harmful when misused. Keep out of water below 1'. Do not mix with alkaline material. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May be corrosive to metals. Wear protective clothing, gloves and eye or face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. If swallowed, rinse mouth and spit. If inhaled, cough and spit. If on skin, wash with plenty of water and call a health care provider if you feel unwell. Take off contaminated clothing and wash before reuse. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists contact a health care provider. Fertilized, already growing plants to prevent nutrient damage. Store in original, unopened, unexpired container, in a cool, dry area, and out of direct sunlight. Shipping of contents and packaging in accordance with local, regional, and federal legislation.

Lot Number: **20 KG | 44.09 LBS**

Registration Number 2016103A Fertilizers Act  
Manufactured by Hicrocorp Inc. 605 Justus Dr., Kingston, ON K7M 4H5  
613-384-8882 | www.ez-gro.com | info@ez-gro.com

# IRON (FE) 10% 10-0-0

AMINO ACID CHELATES


## Description

Iron is an essential micronutrient that plays a critical role in macromolecule synthesis, respiration and photosynthesis as it acts as a prosthetic group with important enzymes. Most of the iron in soil is in an unusable form and iron deficiencies are quite common. Add EZ-Gro Iron (Fe) 10% 10-0-0 to your current fertilizer regimen to remedy iron deficiencies and boost growth, yield and quality of your plants.

## Guaranteed Minimum Analysis

10.00% Iron, 10.00% Nitrogen, 25.00% Amino Acids

- IMPROVES PLANT AND SOIL QUALITY AND HEALTH
- CERTIFIED ORGANIC BY ECOCERT
- CORRECTS IRON DEFICIENCIES



### IRON (FE) 10% 10-0-0

**GUARANTEED MINIMUM ANALYSIS**

Total Nitrogen (N).....	10%
Iron (Fe).....	10%
Amino Acids.....	25%

EZ-Gro Iron (Fe) 10% 10-0-0 is an Amino Acid, Chelated Micronutrient and Biostimulant, and is intended for use as a plant nutrient supplement for the correction of Iron deficiencies. It may be used on all agricultural, horticultural and ornamental crops that require and respond to Iron nutritional supplements. EZ-Gro Iron (Fe) 10% 10-0-0 may be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers. It may be formulated into NPK fertilizers as a source of Iron, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and fungicides.

**APPLICATION DIRECTIONS**

For best results, foliar applications of EZ-Gro Iron (Fe) 10% 10-0-0 should be made in early morning or late evening. Some foliar burning can result if applied during hot, dry, daytime conditions. The recommended rates have been extremely successful for foliar usage, though phytotoxic symptoms may occasionally occur on sensitive crops. Consult your local agronomist for additional information on rates, timing of application and sensitivity of varieties or hybrids to phytotoxicity.

**MIXING INSTRUCTIONS**

When making solutions of this product for soil or foliar application, DO NOT premix with water. Add this product directly to water in the solution tank, slowly and under good agitation. Continue stirring for several minutes until fully dissolved. If tank mixing with other agricultural chemicals, add this product first and allow to dissolve before adding other chemicals.

**DIRECTIONS FOR USE**

**SOIL APPLICATION**  
Apply to soil around plants as a powder, liquid spray, liquid injection, or through drip irrigation. When applied as a powder, this product must be watered in within 4 hours of treatment. Soil injections should be no more than three feet apart.

**FOLIAR APPLICATION**  
DO NOT apply this product when the crop is under water stress. Application after irrigation or rainfall is best. Spraying should be carried out on a calm day but not during strong sunshine. Early morning or late afternoon applications are best. If rainfall occurs within 3-4 hours after application, it may be necessary to re-spray in 3 to 4 days. If EZ-Gro Iron (Fe) 10% 10-0-0 is to be applied alone, a non-ionic wetting agent should be added to the spray tank in accordance with the manufacturer's direction. If the product is to be applied in conjunction with other chemicals which may contain their own wetting agent, then additional wetting agents may not be necessary. If using in conjunction with a hormone type selective weed killer, consult the manufacturer of the herbicide regarding the effect of wetting agents on their product. DO NOT apply to trees bearing mature fruit until you have determined that this product will not damage or mark the fruit in any way.

DEFICIENCY LEVEL	RATES
Maintenance	0.5 to 1
Moderate Deficiency	1 to 1.5
Severe Deficiency	1.5 to 2

\* Or as determined by tissue analysis.

**CAUTION**  
Keep out of reach of children and animals.  
This fertilizer contains Iron and should be used only as recommended. It may prove harmful when misused. Keep out of water below 1'. Do not mix with alkaline material. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May be corrosive to metals. Wear protective clothing, gloves and eye or face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. If swallowed, rinse mouth and spit. If inhaled, cough and spit. If on skin, wash with plenty of water and call a health care provider if you feel unwell. Take off contaminated clothing and wash before reuse. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists contact a health care provider. Fertilized, already growing plants to prevent nutrient damage. Store in original, unopened, unexpired container, in a cool, dry area, and out of direct sunlight. Shipping of contents and packaging in accordance with local, regional, and federal legislation.

Lot Number: **20 KG | 44.09 LBS**

Registration Number 2016101A Fertilizers Act  
Manufactured by Hicrocorp Inc. 605 Justus Dr., Kingston, ON K7M 4H5  
613-384-8882 | www.ez-gro.com | info@ez-gro.com



# MAGNESIUM (MG)

## 6% 9-0-0

AMINO ACID CHELATES


### Description

Magnesium is an important element that is crucial for photosynthesis, and plant nutrition. The exogenous application of magnesium to deficit soil can enhance root formation, chlorophyll synthesis and photosynthetic rate and efficiency. Add EZ-Gro Magnesium (Mg) 6% 9-0-0 to your current fertilizer regimen to remedy magnesium deficiencies and boost growth, yield and quality of your plants.

### Guaranteed Minimum Analysis

6.00% Magnesium, 9.00% Nitrogen, 25.00% Amino Acids

- IMPROVES PLANT AND SOIL QUALITY AND HEALTH
- CERTIFIED ORGANIC BY ECOCERT
- CORRECTS MAGNESIUM DEFICIENCIES



### MAGNESIUM (MG) 6% 9-0-0

**GUARANTEED MINIMUM ANALYSIS**

Total Nitrogen (N).....	9%
Magnesium (Mg).....	6%
Amino Acids.....	25%

EZ-Gro Magnesium (Mg) 6% 9-0-0 is an Amino Acid, Chelated Micronutrient and Biostimulant, and is intended for use as a plant nutrient supplement for the correction of Magnesium deficiencies. It may be used on all agricultural, horticultural and ornamental crops that require and respond to Magnesium nutritional supplements. EZ-Gro Magnesium (Mg) 6% 9-0-0 may be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers. It may be formulated into NPK fertilizers as a source of Magnesium, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and

**APPLICATION DIRECTIONS**

For best results, foliar applications of EZ-Gro Magnesium (Mg) 6% 9-0-0 should be made in early morning or late evening. Some foliar burning can result if applied during hot, dry, daytime conditions. The recommended rates have been extremely successful for foliar usage, though phytotoxic symptoms may occasionally occur on sensitive crops. Consult your local agronomist for additional information on rates, timing of application and sensitivity of varieties or hybrids to phytotoxicity.

**MIXING INSTRUCTIONS**

When making solutions of this product for soil or foliar application, DO NOT premix with water. Add this product directly to water in the solution tank, slowly and under good agitation. Continue stirring for several minutes until fully dissolved. If tank mixing with other agricultural chemicals, add this product first and allow to dissolve before adding other chemicals.

**DIRECTIONS FOR USE**

**SOIL APPLICATION**  
Apply to soil around plants as a powder, liquid spray, liquid injection, or through drip irrigation. When applied as a powder, this product must be watered in within 4 hours of treatment. Soil injections should be no more than three feet apart.

**FOLIAR APPLICATION**  
DO NOT apply this product when the crop is under water stress. Application after irrigation or rainfall is best. Spraying should be carried out on a calm day but not during strong sunshine. Early morning or late afternoon applications are best. If rainfall occurs within 3-4 hours after application, it may be necessary to re-spray in 3 to 4 days. If EZ-Gro Magnesium (Mg) 6% 9-0-0 is to be applied alone, a non-ionic wetting agent should be added to the spray tank in accordance with the manufacturer's direction. If the product is to be applied in conjunction with other chemicals which may contain their own wetting agent, then additional wetting agents may not be necessary. If using in conjunction with a hormone type selective weed killer, consult the manufacturer of the herbicide regarding the effect of wetting agents on their product. DO NOT apply to trees bearing mature fruit until you have determined that this product will not damage or mark the fruit in any way.

DEFICIENCY LEVEL	KG / HECTARE / YEAR
Maintenance	0.5 to 1
Moderate Deficiency	1 to 1.5
Severe Deficiency	1.5 to 2

\*\* Or as determined by tissue analysis.

**CAUTION**  
Keep out of reach of children and animals.  
This fertilizer contains Magnesium and should be used only as recommended. It may prove harmful when misused. Keep out of water below 7. Do not mix with alkaline material, harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May be corrosive to metals. Wear protective clothing, gloves and eye or face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. If swallowed, rinse mouth and call a health care provider if you feel unwell. If on skin, wash with plenty of water and call a health care provider if you feel unwell. Take off contaminated clothing and wash before reuse. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If material gets on face, neck or hands, wash immediately with plenty of water. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Dispose of contents and packaging in accordance with local, regional, and federal regulations.

Lot Number: **20 KG | 44.09 LBS**

Registration Number 2016097A Fertilizers Act  
Manufactured by Hlgrocorp Inc. 605 Justus Dr., Kingston, ON K7M 4H5  
613-384-8882 | www.ez-gro.com | info@ez-gro.com

# MANGANESE (MN)

## 10% 10-0-0

AMINO ACID CHELATES


### Description

Manganese is an important element that is present naturally in small amounts in most soils. Low levels of manganese stimulate growth by enhancing the efficiency of photosynthesis and it can activate over 35 different enzymes. Add EZ-Gro Manganese (Mn) 10% 10-0-0 to your current fertilizer regimen to remedy manganese deficiencies and boost growth, yield and quality of your plants.

### Guaranteed Minimum Analysis

10.00% Manganese, 10.00% Nitrogen, 25.00% Amino Acids

- IMPROVES PLANT AND SOIL QUALITY AND HEALTH
- CERTIFIED ORGANIC BY ECOCERT
- CORRECTS MANGANESE DEFICIENCIES



### MANGANESE (MN) 10% 10-0-0

**GUARANTEED MINIMUM ANALYSIS**

Total Nitrogen (N).....	10%
Manganese (Mn).....	10%
Amino Acids.....	25%

EZ-Gro Manganese (Mn) 10% 10-0-0 is an Amino Acid, Chelated Micronutrient and Biostimulant, and is intended for use as a plant nutrient supplement for the correction of Manganese deficiencies. It may be used on all agricultural, horticultural and ornamental crops that require and respond to Manganese nutritional supplements. EZ-Gro Manganese (Mn) 10% 10-0-0 may be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers. It may be formulated into NPK fertilizers as a source of Manganese, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and

**APPLICATION DIRECTIONS**

For best results, foliar applications of EZ-Gro Manganese (Mn) 10% 10-0-0 should be made in early morning or late evening. Some foliar burning can result if applied during hot, dry, daytime conditions. The recommended rates have been extremely successful for foliar usage, though phytotoxic symptoms may occasionally occur on sensitive crops. Consult your local agronomist for additional information on rates, timing of application and sensitivity of varieties or hybrids to phytotoxicity.

**MIXING INSTRUCTIONS**

When making solutions of this product for soil or foliar application, DO NOT premix with water. Add this product directly to water in the solution tank, slowly and under good agitation. Continue stirring for several minutes until fully dissolved. If tank mixing with other agricultural chemicals, add this product first and allow to dissolve before adding other chemicals.

**DIRECTIONS FOR USE**

**SOIL APPLICATION**  
Apply to soil around plants as a powder, liquid spray, liquid injection, or through drip irrigation. When applied as a powder, this product must be watered in within 4 hours of treatment. Soil injections should be no more than three feet apart.

**FOLIAR APPLICATION**  
DO NOT apply this product when the crop is under water stress. Application after irrigation or rainfall is best. Spraying should be carried out on a calm day but not during strong sunshine. Early morning or late afternoon applications are best. If rainfall occurs within 3-4 hours after application, it may be necessary to re-spray in 3 to 4 days. If EZ-Gro Manganese (Mn) 10% 10-0-0 is to be applied alone, a non-ionic wetting agent should be added to the spray tank in accordance with the manufacturer's direction. If the product is to be applied in conjunction with other chemicals which may contain their own wetting agent, then additional wetting agents may not be necessary. If using in conjunction with a hormone type selective weed killer, consult the manufacturer of the herbicide regarding the effect of wetting agents on their product. DO NOT apply to trees bearing mature fruit until you have determined that this product will not damage or mark the fruit in any way.

DEFICIENCY LEVEL	KG / HECTARE / YEAR
Maintenance	0.5 to 1
Moderate Deficiency	1 to 1.5
Severe Deficiency	1.5 to 2

\*\* Or as determined by tissue analysis.

**CAUTION**  
Keep out of reach of children and animals.  
This fertilizer contains Manganese and should be used only as recommended. It may prove harmful when misused. Keep out of water below 7. Do not mix with alkaline material, harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May be corrosive to metals. Wear protective clothing, gloves and eye or face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. If swallowed, rinse mouth and call a health care provider if you feel unwell. If on skin, wash with plenty of water and call a health care provider if you feel unwell. Take off contaminated clothing and wash before reuse. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If material gets on face, neck or hands, wash immediately with plenty of water. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Dispose of contents and packaging in accordance with local, regional, and federal regulations.

Lot Number: **20 KG | 44.09 LBS**

Registration Number 2016102A Fertilizers Act  
Manufactured by Hlgrocorp Inc. 605 Justus Dr., Kingston, ON K7M 4H5  
613-384-8882 | www.ez-gro.com | info@ez-gro.com



# ZINC (ZN) 10% 10-0-0

AMINO ACID CHELATES

## Description

Zinc is an essential micronutrient involved in various growth and development pathways. Nearly all plants can benefit from the application of Zinc, leading to enhanced yields, increased growth, and proper development. Add EZ-Gro Zinc (Zn) 10% 10-0-0 to your regular fertilizer regime to fix zinc deficiencies and boost production and quality of your crops.

## Guaranteed Minimum Analysis

10.00% Zinc, 10.00% Nitrogen, 25.00% Amino Acids

- IMPROVES PLANT AND SOIL QUALITY AND HEALTH
- CERTIFIED ORGANIC BY ECOCERT
- CORRECTS ZINC DEFICIENCIES



## ZINC (ZN) 10% 10-0-0

### GUARANTEED MINIMUM ANALYSIS

Total Nitrogen (N).....	10%
Zinc (Zn).....	10%
Amino Acids.....	25%

EZ-Gro Zinc (Zn) 10% 10-0-0 is an Amino Acid, Chelated Micronutrient and Biostimulant, and is intended for use as a plant nutrient supplement for the correction of Zinc deficiencies. It may be used on all agricultural, horticultural and ornamental crops that require and respond to Zinc nutritional supplements. EZ-Gro Zinc (Zn) 10% 10-0-0 may be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers. It may be formulated into NPK fertilizers as a source of Zinc, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and fungicides.

### APPLICATION DIRECTIONS

For best results, foliar applications of EZ-Gro Zinc (Zn) 10% 10-0-0 should be made in early morning or late evening. Some foliar burning can result if applied during hot, dry, daytime conditions. The recommended rates have been extremely successful for foliar usage, though phytotoxic symptoms may occasionally occur on sensitive crops. Consult your local agronomist for additional information on rates, timing of application and sensitivity of varieties or hybrids to phytotoxicity.

#### MIXING INSTRUCTIONS

When making solutions of this product for soil or foliar application, DO NOT premix with water. Add this product directly to water in the solution tank, slowly and under good agitation. Continue stirring for several minutes until fully dissolved. If tank mixing with other agricultural chemicals, add this product first and allow to dissolve before adding other chemicals.

### DIRECTIONS FOR USE

#### SOIL APPLICATION

Apply to soil around plants as a powder, liquid spray, liquid injection, or through drip irrigation. When applied as a powder, this product must be watered in within 4 hours of treatment. Soil injections should be no more than three feet apart.

#### FOLIAR APPLICATION

DO NOT apply this product when the crop is under water stress. Application after irrigation or rainfall is best. Spraying should be carried out on a calm day but not during strong sunshine. Early morning or late afternoon applications are best. If rainfall occurs within 3-4 hours after application, it may be necessary to re-spray in 3 to 4 days. If EZ-Gro Zinc (Zn) 10%, 10-0-0 is to be applied alone, a non-ionic wetting agent should be added to the spray tank in accordance with the manufacturer's direction. If the product is to be applied in conjunction with other chemicals which may contain their own wetting agent, then additional wetting agents may not be necessary. If using in conjunction with a hormone type selective weed killer, consult the manufacturer of the herbicide regarding the effect of wetting agents on their product.

DO NOT apply to trees bearing mature fruit until you have determined that this product will not damage or mark the fruit in any way.

RATES	
DEFICIENCY LEVEL	KG/ HECTARE / YEAR
Maintenance	0.5 to 1
Moderate Deficiency	1 to 1.5
Severe Deficiency	1.5 to 2

\*\* Or as determined by tissue analysis.

#### CAUTION

Keep out of reach of children and animals.

This fertilizer contains Zinc and should be used only as recommended. It may cause harmful when misused. Keep out of water below 7. Do not mix with alkaline material. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May be corrosive to metals. Wear protective clothing, gloves and eye or face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. If swallowed, rinse mouth and call a health care provider if you feel unwell. If on skin, wash with plenty of water and call a health care provider if you feel unwell. Take off contaminated clothing and wash before reuse. If in eyes, rinse carefully with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists contact a health care provider. If spilled, absorb spillage to prevent material damage. Store in original, unopened container. In a cool, dry area, out of direct sunlight. Dispose of contents and packaging in accordance with local, regional, and federal legislation.

Lot Number:

20 KG | 44.09 LBS

Registration Number 2016096A Fertilizers Act  
Manufactured by Hlgrocorp Inc. 605 Justus Dr., Kingston, ON K7M 4H5  
613-384-8882 | www.ez-gro.com | info@ez-gro.com



# CFIA BIO-APP™ PRODUCTS

## Biostimulants with Abiotic Plant Protection Technology

- EZ-Gro BIO-APP™ 420 SA/SIL HYDROPONICS
- EZ-Gro BIO-APP™ BETAINE MAX WITH OSMOPROTECTANT
- EZ-Gro BIO-APP™ BETAINE PRIME WITH OSMOPROTECTANT
- EZ-Gro BIO-APP™ CAB POLLINATOR
- EZ-Gro BIO-APP™ CAL BOOST (100% ORGANIC)
- EZ-Gro BIO-APP™ CAL BOOST + ACTIVATORS
- EZ-Gro BIO-APP™ CHITOCYTO
- EZ-Gro BIO-APP™ CHITOMAX
- EZ-Gro BIO-APP™ CHITOPRIME
- EZ-Gro BIO-APP™ COPPER SECURE
- EZ-Gro BIO-APP™ CYTO-BETAINE WITH OSMOPROTECTANT
- EZ-Gro BIO-APP™ CYTO-BORO LIQUID BORON
- EZ-Gro BIO-APP™ FE-SP TURF & FIELD WITH OSMOREGULATION
- EZ-Gro BIO-APP™ GA3 Prime
- EZ-Gro BIO-APP™ POWER BLEND FA
- EZ-Gro BIO-APP™ SA/SIL (FIELD)
- EZ-Gro BIO-APP™ SA/SIL (TURF)

## BIO-APP™ 420 SA/SIL HYDROPONICS


**BIO-APP™**

### Description

EZ-Gro 420 SA/SIL Hydroponics Primes a plants SAR metabolism producing a vaccine like effects. Monosilicic acid is a plant strengthener inducing a sturdier plant along with abiotic plant protection. Salicylic acid is a naturally occurring pgr that enhances resistance to drought, environmental stress, hardiness. Enhances early flowering, fruit and cannabis yield.

### Guaranteed Minimum Analysis

Monosilicic Acid (potassium salt) 35.0%  
Salicylic Acid 2.0%



**BIO-APP™ 420 SA/SIL  
HYDROPONICS**  
Biostimulant with Abiotic Plant Protection Technology.

GUARANTEED MINIMUM ANALYSIS	
Monosilicic Acid (potassium salt)	35.0%
Salicylic Acid	2.0%

**EZ-Gro 420 SA/SIL Hydroponics**  
Primes a plants SAR metabolism producing a vaccine like effects. Monosilicic acid is a plant strengthener inducing a sturdier plant along with abiotic plant protection. Salicylic acid is a naturally occurring pgr that enhances resistance to drought, environmental stress, hardiness. Enhances early flowering, fruit and cannabis yield.

**APPLICATION INSTRUCTIONS:**  
EZ-Gro 420 SA/SIL Hydroponics and Cannabis: Method A - 1.25ml/5L (1tsp/40L) water. Add to tank weekly through grow and bloom.  
Method B (Foliar) - Spray weekly with 2.5-5ml (1tsp/5L; 50-100ml/100L.

**ATTENTION**  
Keep out of reach of children and animals  
Causes serious skin burns and eye damage. | May be harmful if swallowed. | Do not enter treated areas within four hours of foliar application. | Wear protective gloves, clothing, eye and respiratory protection. | Do not eat, drink or smoke when using this product. | Wash thoroughly after handling. | If exposed, concerned or feeling unwell, immediately contact a health care provider. | If skin contact occurs, wash with soap and water. | If allergic reaction occurs, seek medical attention. | If in eyes rinse cautiously with water for several minutes. Remove contact lenses if present and continue rinsing. | If swallowed rinse mouth. | Store locked up, in a dark, well ventilated area. Keep container tightly closed. | Dispose of contents and packaging in accordance with local, regional and federal legislation.

Manufactured By: Hycor Corp Inc., 605 Austin Dr., Kingston, Ontario K7M 6H5 | 613-384-8882  
Derived From Registration Numbers: 2017296A & 2017069A Fertilizers Act



# BIO-APPTM BETAINES MAX WITH OSMOPROTECTANT

BIO-APPTM

## Description

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.

## 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%

# BIO-APPTM BETAINES PRIME WITH OSMOPROTECTANT

BIO-APPTM

## Description

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

## Guaranteed Minimum Analysis

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



### BIO-APPTM BETAINES MAX 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. 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 FOLLAR	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

**LOT NUMBER:**  
Manufactured By: Hgcorp Inc., 605 Justice Dr., Kingston, Ontario K7M 4H5 | (613) 384-8842  
Derived From Registration Numbers: 201801A & 2017081A Fertilizers Act



### BIO-APPTM BETAINES 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

**Field 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

**LOT NUMBER:**  
Manufactured By: Hgcorp Inc., 605 Justice Dr., Kingston, Ontario K7M 4H5 | (613) 384-8842  
Derived From Registration Numbers: 2017100A & 2017081A Fertilizers Act



# BIO-APPTM CAB POLLINATOR

BIO-APPTM

## Description

EZ-Gro CaB Pollinator Enhances pollen development, fertilization and yield of peas, lentils, soybeans and other beans. It improves pollen hydration, germination, pollen tube growth and viability. Plants produce more fruit sets and an increased number of larger, more uniform and higher quality pods and seeds.

## Guaranteed Minimum Analysis

Total Nitrogen (N) 6.80%

Calcium 5.83%

Cytokinetin as Kinetin 0.046%


Boron 1.90%

Vitamin B1 0.015%

Vitamin C 0.015%

Salicylic Acid 0.015%

Chlorine 0.60%

**BIO-APPTM CAB POLLINATOR**  
Biostimulant with Abiotic Plant Protection Technology.

**GUARANTEED MINIMUM ANALYSIS**  
Total Nitrogen (N) .....6.80%  
Calcium .....5.83%  
Cytokinetin as Kinetin .....0.046%  
Boron .....1.90%  
Vitamin B1 .....0.015%  
Vitamin C .....0.015%  
Salicylic Acid .....0.015%  
Chlorine .....0.60%  
EZ-Gro CaB Pollinator Enhances pollen development, fertilization and yield of peas, lentils, soybeans and other beans. It improves pollen hydration, germination, pollen tube growth and viability. Plants produce more fruit sets and an increased number of larger, more uniform and higher quality pods and seeds.

**ATTENTION**  
Keep out of reach of children and animals.  
Causes serious skin burns and eye damage.  
May be harmful if swallowed.  
Wear protective gloves, clothing, eye and respiratory protection. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. If exposed, concerned or feeling unwell, immediately contact a health care provider. If skin contact occurs, wash with soap and water. If allergic reaction occurs, seek medical attention. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and continue rinsing. If swallowed, rinse mouth. Store locked up, in a dark, well-ventilated area. Keep container tightly closed. Dispose of contents and packaging in accordance with local, regional and federal legislation.

**Key Benefits:**

- Tailored specifically to enhance the pollination and fertilization for peas, lentils, soybeans and other beans.
- Helps support pollen tube growth and accumulation of secretory vesicles in pollen tubes.
- Helps regulate anther dehiscence and pollen hydration.
- Increases pollen volume and viability.
- Helps attract bees, resulting in greater fertilization and minimal abortive flowers.
- Boosts the uptake of calcium, magnesium and potassium.
- Increases a high volume of larger, more uniform, high quality fruits, pods, and seeds.
- It maintains the ability to allow plants to maximize their genetic potential in unfavourable conditions, such as cold, wet or drought conditions.

**APPLICATION CHART:**

CROP	APPLICATION RATE	TIMING/FREQUENCY
General Crop	Apply as a foliar spray using 2-5 L/ha (10-20 gallons) between 50-1000, water per hectare (20-400 L/ha) for ground and 30-60, of water per hectare (15-240 L/ha) for aerial applications.	Apply at fungicide timing, and allow a minimum of 3 weeks between applications.
Soybeans, Peas, Lentils and other pulse crops	Apply as a foliar spray using 2-5 L/ha (10-20 gallons) between 50-1000, water per hectare (20-400 L/ha) for ground and 30-60, of water per hectare (15-240 L/ha) for aerial applications.	Apply once at the pre-bloom - 30% bloom stage.

**LOT NUMBER:**  
Manufactured By: Hgncorp Inc., 605 Jubilee Dr., Kingston, Ontario K7M 6H5 (613) 384-8882  
Derived From Registration Numbers: 20170964 & 20170684 Fertilizers Act

# BIO-APPTM CAL BOOST (100% ORGANIC)

BIO-APPTM

## Description

EZ-Gro Cal Boost + Activators is a Highly mobile Organic calcium source with maximum absorption. Boron phloem mobile sugar chelate.

## Guaranteed Minimum Analysis

Water-soluble calcium (Ca) 10.5%

Water-soluble boron (B) 0.7%

Complexing Agent Lignosulfonates 3%

Amino Acid Additive 2%

Density 1.34%

pH 2 – 2.5%

**BIO-APPTM CAL BOOST (100% ORGANIC)**  
Biostimulant with Abiotic Plant Protection Technology.

**GUARANTEED MINIMUM ANALYSIS**  
Water-soluble calcium (Ca) .....10.5%  
Water-soluble boron (B) .....0.7%  
Complexing Agent Lignosulfonates .....3%  
Amino Acid Additive .....2%  
Density .....1.34  
pH .....2-2.5

**EZ-Gro Cal Boost + Activators** is a Highly mobile Organic calcium source with maximum absorption. Boron phloem mobile sugar chelate.  
**Plant Protection and Growth Enhancers:**  
Firmer fruit & Shelf Life | Better quality | Improved yields  
**Deficiency Prevention:**  
Tomato, Pepper, Watermelon, Cucumber, etc., Blossom End Rot | Peppers blossom and Root Rot | Apples bitter pit | lettuce, celery, cabbage Tip Burn or Necrosis | Cherries and plum, reduced pitting | blueberries green fruit drop | Pear Brown Skin

**Delivery:** Foliar, injector, drip, hydroponics, and surface irrigation  
**Application dose:**  
Foliage: 100 – 300 ml per 100 lt of water.  
Citrus & Fruit Trees: Start applying first leaves or buds, repeat every 7-10 days  
Corn: 3-4 application starting at the beginning of bloom.  
Vegetables: every week from the vegetative developments, fruit formation  
Cotton: Before bloom, weekly until last bud  
Soil Application: 10-20L per ha, depending on the crop, the soil and the environment.  
Fertilization: Vegetables and Cereals: 3-6 L / Ha (every 7/14 days, from pre-flowering to the end of the cycle) citrus, fruit: 5-10 L / Ha (at least 4 applications. 1) Sprouting, 2) Pre-flowering, 3) Fruit set, 4) Swelling.  
Injector: 2,000 to 3,000 ppm; Drip irrigation: 3-6L/ha  
Surface: 4-8L/ha

**Caution**  
This product contains boron and should only be used as recommended. It may prove harmful when misused. Do not apply within 21 days of harvest. Do not re-enter treated areas within 12 hours of foliar application. Do not combine with alkaline broths, phosphates, mineral oils, sulfur, other calcium, or copper products. When blending with other fertilizers it is recommended to perform a jar test for compatibility.  
**Caution**  
Keep out of reach of children and animals.  
This product contains boron and should only be used as recommended. It may prove harmful when misused. Do not apply within 21 days of harvest. Do not re-enter treated areas within 12 hours of foliar application. Do not combine with alkaline broths, phosphates, mineral oils, sulfur, other calcium, or copper products. When blending with other fertilizers it is recommended to perform a jar test for compatibility.  
**Caution**  
Keep out of reach of children and animals.  
This product contains boron and should only be used as recommended. It may prove harmful when misused. Do not apply within 21 days of harvest. Do not re-enter treated areas within 12 hours of foliar application. Do not combine with alkaline broths, phosphates, mineral oils, sulfur, other calcium, or copper products. When blending with other fertilizers it is recommended to perform a jar test for compatibility.

**LOT NUMBER:**  
Manufactured By: Hgncorp Inc., 605 Jubilee Dr., Kingston, Ontario K7M 6H5 (613) 384-8882  
Derived From Registration Numbers: 20170964 & 20160874 Fertilizers Act



# BIO-APP™ CAL BOOST + ACTIVATORS

BIO-APP™

## Description

EZ-Gro Cal Boost + Activators is a Highly mobile Organic calcium source with maximum absorption. Boron phloem mobile sugar chelate.

## Guaranteed Minimum Analysis

Water-soluble calcium (Ca) 8.2%

Water-soluble boron (B) 0.57%

Complexing Agent Lignosulfonates 3%

Amino Acid Additive 2%

Density 1.34%

pH 1-2%

Kinetin 0.17%

Salicylic acid 0.054%

Ascorbic acid 0.054%

Thiamine hydrochloride 0.054%

# BIO-APP™ CHITOCYTO

BIO-APP™

## Description

Contains biostimulants and plant growth regulators to help improve crop yields and reduce environmental stress. Contains biostimulants and 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. Application Chart copy Primes's but application rate changes to 500ml/ha in all cases. Hydro change to 0.5ml/L throughout. Use K table and change to 400ml/ha. Turf change to 25ml/100m<sup>2</sup>. For greener darker growth. Protects against drought and environmental stress.

## Guaranteed Minimum Analysis

Water-soluble calcium (Ca) 10.5%

Water-soluble boron (B) 0.7%

Complexing Agent Lignosulfonates 3%

Amino Acid Additive 2%

Density 1.34%

pH 2 – 2.5%



### BIO-APP™ CAL BOOST + ACTIVATORS

Biostimulant with Abiotic Plant Protection Technology.

**Delivery:** Foliar, injector, drip, hydroponics, and surface irrigation

**Application dose:**  
Foliage: 600ml/ha, 100-300ml/100 L of water.  
Citrus & Stone Fruit Trees: 1st application pre-bloom 1.5L/ha, 100-300ml/100L. 2nd application petal fall 1.5L/ha 100-300ml/100L. 3rd application 21 days after petal fall 1.5L/ha, 100-300ml/100L.  
Corn: 3-4 application starting at the beginning of bloom, 600ml/ha, 100-300ml/100 L of water.  
Fruiting Vegetables (tomato, peppers, eggplant, etc.): Apply 600 ml/ha, 100-300ml/100L 14-21 days after emergence. 2nd application at 5-10% bloom, 600 ml/ha, 100-300ml/100L. 3rd application 21 days after emergence. 2nd application mid-season.  
Leafy Vegetables (Lettuce, Celery, spinach, Swiss Chard): Apply 600 ml/ha, 100-300ml/100L 14-21 days after emergence. 2nd application mid-season.  
Apples: 1st application full pink 290 ml/ha. 2nd application petal fall 290 ml/ha. 3rd application 21 days after petal fall 290 ml/ha. 4th application 50 days after petal fall 290 ml/ha.  
Grape & olive: 1st application leaf out/pre-bloom 600ml/ha, 100-300ml/100 L of water. 2nd application petal fall 1.5L/ha, 100-300ml/100L.  
Soil Application: 10-20L per ha, depending on the crop, the soil and the environment.  
Fertigation-vegetables: 3-6 L / Ha every 7-14 days, from pre-flowering to the end of the cycle)  
Citrus, fruit: 5-10 L / Ha (at least 4 applications. 1) Sprouting, 2) Pre-flowering, 3) Fruit set, 4) Swelling.  
Injector: 2,000 to 3,000 ppm; Drip irrigation: 3-6L/ha Surface: 4-8L/ha

**Caution:** This product contains boron and should only be used as recommended. It may prove harmful when misused. Do not combine with alkaline broths, phosphates, mineral oils, sulfur, other calcium, or copper products. When blending with other fertilizers it is recommended to perform a jar test for compatibility. Caution keep out of reach of children and animals. This product contains soy. Adverse reactions may occur in sensitive persons. Causes 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, immediately contact a health care provider. If skin contact occurs, wash with soap and water. If allergic reaction occurs, seek medical attention. Wash contaminated clothing before re-use. If in eyes rinse cautiously with water for several minutes. Remove contact lenses if present and continue rinsing. If inhaled move person to fresh air and keep comfortable for breathing. Store locked up, in a dark, well ventilated area. Keep container tightly closed. Dispose of contents and packaging in accordance with local, regional and federal legislation.

**LOT NUMBER:**  
Manufactured By: Hignocorp Inc., 605 Joshua Dr., Kingston, Ontario K7M 4H5 | (613) 384-8882  
Derived From Registration Numbers: 2017101A & 201604TA Fertilizers Act



### BIO-APP™ CHITOCYTO

Biostimulant with Abiotic Plant Protection Technology.

Contains biostimulants and plant growth regulators to help improve crop yields and reduce environmental stress. Contains biostimulants and 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. Application Chart copy Primes's but application rate changes to 500ml/ha in all cases. Hydro change to 0.5ml/L throughout. Use K table and change to 400ml/ha. Turf change to 25ml/100m<sup>2</sup>. For greener darker growth. Protects against drought and environmental stress.

**ATTENTION**  
Keep out of reach of children and animals.  
Do not apply within 21 days of harvest. Do not re-enter treated areas within 12 hours of foliar application. Causes 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.  
This product contains shellfish. Adverse reactions may occur in sensitive persons.

**LOT NUMBER:**  
Manufactured By: Hignocorp Inc., 605 Joshua Dr., Kingston, Ontario K7M 4H5 | (613) 384-8882  
Derived From Registration Numbers: 2017101A & 2017111A Fertilizers Act

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 400 ml/ha	
Legumes (Soybean, Beans, Lentils, Chickpeas, Peas)	3-5 leaf stage rate 400 ml/ha	
Alfalfa, Clover, Hay	1st application 400 ml/ha at 3-5 leaf stage. 2nd application after cut.	
Kale, Cabbage, Broccoli, Cauliflower, Brussel Sprouts	Apply 400 ml/ha 14-21 days after emergence. 2nd application at 5-10% bloom.	
Fruiting Vegetables (Tomatoes, Peppers, Eggplant)	Apply 400 ml/ha 14-21 days after emergence. 2nd application at 5-10% bloom. 3rd small fruit stage.	
Cucumbers, Watermelon, Squash	Apply 400 ml/ha 14-21 days after emergence. 2nd application at 5-10% bloom.	
Leafy Vegetables (Lettuce, Spinach, Swiss Chard)	Apply 400 ml/ha 14-21 days after emergence. 2nd application mid-season.	
Sugar Beets	1st: 400 ml/ha 14 days after emergence. 2nd 3-4 weeks after the 1st during root development.	

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# BIO-APP™ CHITOMAX

BIO-APP™

## 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%

# BIO-APP™ CHITOPRIME

BIO-APP™

## Description

Contains biostimulants and plant growth regulators to help improve crop yields and reduce environmental stress. Contains biostimulants and 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.

## Guaranteed Minimum Analysis

Chitosan 2.5%

Indolebutyric Acid 0.4%

Cytokinin as kinetin 0.1%

Salicylic acid 0.11%

Ascorbic acid 0.11%

Thiamine HCl 0.11%



### BIO-APP™ CHITOMAX

Biostimulant with Abiotic Plant Protection Technology.

**Field Application Rates:**  
If seed has been treated do not apply in-furrow treatment

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

**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 to or at bloom stage. 2nd: at fruiting stage
Strawberries	400ml/ha	1st: at bloom stage. 2nd: 2 weeks after 1st application

**LOT NUMBER:**  
Manufactured By: Hlgrocorp Inc., 605 Justice Dr., Kingston, Ontario K7M 4H5 | (613) 384-8882  
Derived From Registration Numbers: 2017133A & 2018142A Fertilizers Act



### BIO-APP™ CHITOPRIME

Biostimulant with Abiotic Plant Protection Technology.

Contains biostimulants and plant growth regulators to help improve crop yields and reduce environmental stress. Contains biostimulants and 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.

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

**LOT NUMBER:**  
Manufactured By: Hlgrocorp Inc., 605 Justice Dr., Kingston, Ontario K7M 4H5 | (613) 384-8882  
Derived From Registration Numbers: 2017100A & 2017133A Fertilizers Act



# BIO-APPTM COPPER SECURE

BIO-APPTM

## Description

Copper Salicylic complex Biostimulant & Plant Protectorate  
Reduces Abiotic Stress

- Primes a plants SAR metabolism producing vaccine like effects
- Supplies copper micronutrient
- Complexed with salicylic acid
- Salicylic acid reduces environmental stresses

## Guaranteed Minimum Analysis

Cu 5.0%

Salicylic Acid 1.0%

**EZ-GRO** **BIO-APPTM COPPER SECURE**  
Biostimulant with Abiotic Plant Protection Technology

**GUARANTEED MINIMUM ANALYSIS**

Cu	5.0%
Salicylic Acid	1.0%

**Copper Salicylic complex**  
Biostimulant & Plant Protectorate  
Reduces Abiotic Stress

- Primes a plants SAR metabolism producing vaccine like effects
- Supplies copper micronutrient
- Complexed with salicylic acid
- Salicylic acid reduces environmental stresses

**ATTENTION**  
Keep out of reach of children and animals  
Causes serious skin burns and eye damage. | May be harmful if swallowed. | Do not enter treated areas within four hours of foliar application. | Wear protective gloves, clothing, eye and respiratory protection. | Do not eat, drink or smoke when using this product. | Wash thoroughly after handling. | If exposed, concerned or feeling unwell, immediately contact a health care provider. | If skin contact occurs, wash with soap and water. If allergic reaction occurs, seek medical attention. | Do not eat, drink or smoke when using this product. | If skin contact occurs, wash with soap and water for several minutes. Remove contact lenses if present and continue rinsing. | If swallowed, rinse mouth. | Store locked up in a dark, well ventilated area. Keep container tightly closed. | Dispose of contents and packaging in accordance with local, regional and federal legislation.

**APPLICATION CHART:**

CROP	APPLICATION Rate ml/ha	TIMING/FREQUENCY
Fruit trees (Apples, Cherries, Peaches, Pears, Blueberries etc.)	150-175ml/100L water	- Beginning of flowering - 15 days after beginning petal drop - 20 days before harvest
Vegetables Greenhouse & field (Tomatoes, Peppers, Eggplants, Cucumbers, Melons, Watermelons) etc.		- 1 week after germination - Beginning of flowering - Small fruit stage
Leafy Vegetables, Bulb and Tuberous Vegetables (Onions, Garlic and Beets)	Fertigation 5.0L/ha Foliar: 100-125ml / 100L of water	- 1 week after germination - Beginning of flowering/tuber formation - 30 days before harvest
Potatoes, Sweet Potato, Yams, Sugar Beet etc.		- 3-5 leaf stage - Beginning tuber initiation - 2 weeks after tuber formation
Wheat, Barley, Chickpeas, Lentils, Soy Beans, Corn		- Tillering to flag leaf growth stages - Prior to flowering
Ornamentals		- At appearance of environmental stress
Cannabis (Foliar)		- 2 weeks prior to bud formation

Manufactured By: Hgrosop Inc., 605 Joubert Dr., Kingston, Ontario K7M 6H5 | (613) 384-8882  
Derived From Registration Number: 201708AA & 2017101A Fertilizers Act

# BIO-APPTM CYTO-BETANE WITH OSMOPROTECTANT

BIO-APPTM

## Description

Contains biostimulants and plant growth regulators to help improve crop yields and reduce environmental stress. Contains biostimulants and 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

## Guaranteed Minimum Analysis

Glycine Betaine 10%

Cytokinin as kinetin 0.10%

Salicylic acid 0.03%

Ascorbic acid 0.03%

Thiamine HCl 0.03%

**EZ-GRO** **BIO-APPTM CYTO-BETANE WITH OSMOPROTECTANT**  
Biostimulant with Abiotic Plant Protection Technology

Contains biostimulants and plant growth regulators to help improve crop yields and reduce environmental stress. Contains biostimulants and 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.

**Guaranteed Minimum Analysis**

Glycine Betaine	10%
Cytokinin as kinetin	0.10%
Salicylic acid	0.03%
Ascorbic acid	0.03%
Thiamine HCl	0.03%

**ATTENTION**  
Keep out of reach of children and animals  
Do not apply within 21 days of harvest. | Do not re-enter treated areas within 12 hours of foliar application. | Causes 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 areas where surface water is present or to areas where surface water is present or to areas where surface water is present. | 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.

**Foliar Application Chart:**

CROP	APPLICATION RATE USE ENOUGH WATER FOR COVERAGE
Barley, Oats, Rye, Spring or Winter Wheat, Canola, Flaxseed, Mustard, Sunflower, 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.

**LOT NUMBER:**  
Manufactured By: Hgrosop Inc., 605 Joubert Dr., Kingston, Ontario K7M 6H5 | (613) 384-8882  
Derived From Registration Number: 201708AA & 2017101A Fertilizers Act

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**BIO-APP™**

Boron plays an essential role in the development and growth of new cells in the plant meristem, affecting terminal growth, flowering and fruit development. Boron is required for protein synthesis, pollination and reproduction. Contains biostimulants and plant growth regulators found in nature. Boro-K stimulates seedling and plant growth and may increase quality and yield. EZ-Gro Bio-APP Boro-K helps to reduce transplant shock and increases root weight, and the number and size of flowers. Prevents against environmental stress and allows plants to grow with less water. EZ-Gro Boro-K's unique patent pending formulation allowing for greater boron uptake and mobility.

Boron 8%  
Kinetin 0.093%  
Salicylic acid 0.03%  
Ascorbic acid 0.03%  
Thiamine HCl 0.03%




**GUARANTEED MINIMUM ANALYSIS**

ANALYSIS	%
Kinetin	0.093%
Salicylic acid	0.03%
Ascorbic acid	0.03%
Thiamine HCl	0.03%

**SOIL APPLICATION** Apply alone, or as tank mix. Use sufficient agitation to insure proper mixing. Rates will vary from 5-15L/ha (2 to 8L per acre), depending on local soil conditions. For best results, apply uniformly across field to prevent plant injury.

**Foliar Application Rates:**

**Foliar Application Rates:**

**EZ-Gro Bio-App Cyto-Boro 8L** liquid with enough water to thoroughly wet the plant. Early morning or late evening applications give the best results. Boron is not translocated easily within the plant; therefore, multiple applications at lower rates throughout the season would be more effective.

**Biostimulant with Abiotic Plant Protection Technology.**

Boron plays an essential role in the development and growth of new cells in the plant meristems, affecting stem elongation, flower and fruit development. Boron is critical for protein synthesis, pollination and reproduction. Contains biostimulants and plant growth regulators that increase plant vigor, stimulate root growth and increase plant resistance to disease, quality and yield. **EZ-Gro Bio-App Cyto-Boro** helps to reduce transplant shock and increases root weight, and the number and size of flowers. Prevents against environmental stress and increases growth. **EZ-Gro Bio-App Cyto-Boro** uses a proven, safe, water soluble formulation allowing for greater boron uptake and mobility.


**FOLAR APPLICATION:** Because of the nature of Boron deficiencies (growing point disorders), **EZ-Gro Bio-App Cyto-Boro 8L** should be applied in multiple applications, e.g., 2.5-5L/ha (1-2 L/acre) per application at 10-14 day intervals during the rapid growing and/or fruiting stages of the crop. For example, 5L/ha (2.2L/acre) of **EZ-Gro Bio-App Cyto-Boro 8L** in one application. Application rates of **EZ-Gro Bio-App Cyto-Boro 10L** are suggested for use on all crops where the application of a soluble source of Boron is necessary or would be advantageous. Specific recommendations should be made by a Certified Crop Advisor, Professional Agronomist or Agricultural Extension Service.

**CAUTION:** This fertilizer contains boron and should be used only as recommended. It may prove harmful when misused. Precautionary Statements: Obtain special instructions before use. Do not use on plants that are sensitive to boron. Containers have been made of non-breathable material. Wear eye/protection and protective clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. First Aid: If eye: Rinse carefully with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention. If ingested or consumed: Get medical attention. Storage and Disposal: Do not contaminate water, food or feed by storage or disposal. Keep out of reach of children. Store locked up. Do not freeze. Dispose of contents/container in accordance with local regulations. / Prevision: Se procurer les instructions avant utilisation. Ne pas manipuler avant d'avoir lu et compris toutes les précautions de sécurité. Ne pas respirer les aérosols ou les vapeurs. Porter des gants de protection/ des vêtements de protection. Ne pas manger, boire ou fumer pendant ou après manipulation. Intervention: En cas de contact avec les yeux: Rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si elles ne peuvent se retirer facilement. Continuer à rincer. Si l'irritation oculaire persiste, consulter un médecin. En cas d'exposition prouvée ou suspecte, appeler un médecin. Stockage et Élimination: Ne pas laisser les récipients ou le contenu du récipient pour animaux lors du stockage et de l'élimination. Tenir hors de portée des enfants. Garder sous clé. Ne pas consommer. Éliminer le contenu/ récipient conformément aux réglementations locales/stockage et de l'élimination. Tenir hors de portée des enfants. Ne pas laisser à la portée des animaux. Éliminer le contenu/récipient conformément aux réglementations locales.

**BIO-APP™**

EZ-Gro Iron (Fe) 6% 10-0-0 is an Amino Acid, Chelated Micronutrient and Biostimulant, and is intended for use as a plant nutrient supplement for the correction of Iron deficiencies as determined by soil and/or tissue analysis. It may be used on all agricultural, horticultural and ornamental crops that require and respond to Iron nutritional supplements. EZ-Gro Iron (Fe) 6% 10-0-0 may be applied directly to the soil as a powder, through drip or injection systems, or by foliar application through conventional, low-volume, or aerial sprayers. It may be formulated into NPK fertilizers as a source of Iron, and is compatible with a wide range of fertilizer materials, pesticides, herbicides and fungicides.

Fe 6.0%  
Amino acids 50%  
Betaine 39%  
Monosilicic acid 0.42%  
Salicylic acid 0.1%



## BIO-APPLY FERTILIZER & FIELD WITH OSMOREGULATION

*Biostimulant with Abiotic Plant Protection Technology.*

GUARANTEED  
MINIMUM ANALYSIS

Fe.....6.0%

Amino acids.....50%

Betaine.....39%

Monosilicic acid 0.42%

Salicylic acid.....0.1%

EZ-Gro Iron (Fe) 10-0-0 in Amino Acid, Chelated Micronutrient and Biostimulant, and is intended for use as a plant nutrient supplement for the correction of iron deficiency, as determined by soil analysis. Iron deficiency may be used on all agricultural, horticultural and ornamental crops that require and respond to iron nutritionally. EZ-Gro Iron (Fe) 10-0-0 may be applied directly to the soil as a powder, through drip irrigation or fertigation systems, or by foliar application. Through conventional irrigation, as described above, EZ-Gro Iron 10-0-0 simulates into NPK fertilizers as a source of iron, and is compatible with a wide range of fertilizer materials, pesticides and herbicides and fungicides.

**MIXING INSTRUCTIONS:** When making solutions of this product for soil or foliar application, DO NOT immerse in a plant nutrient supplement for the correction of iron deficiency, as determined by soil analysis. Continuously stirring for several minutes until fully dissolved. If tank mixing with other agricultural chemicals, add this product first and allow to dissolve before adding other chemicals.

**APPLICATIONS FOR USE**

**SOIL APPLICATION:** Apply to seed around plants as a powder, liquid spray, liquid injection, or through drip irrigation. When applied as a powder, this product must be watered in within 4 hours of treatment. Soil injection should be no more than three feet apart.

**FOLIAR APPLICATION:** DO NOT apply this product when the crop is under water stress. Application after irrigation or rainfall is best. Spraying should be carried out on a calm day but not during strong sunshine. Early morning or late afternoon spraying is recommended. For best results, spray within 3-4 hours after irrigation. It may be necessary to re-spray in 3 to 4 days, if EZ-Gro Iron (Fe) 10-0-0 is to be applied alone, a non-ionic wetting agent should be added to the spray tank in accordance with the manufacturer's direction. If the product is to be applied in conjunction with other chemicals which may contain their own wetting agent, then additional wetting agents may not be necessary. If using in conjunction with a hormone type selective weed killer, consult the manufacturer of the herbicide regarding the effect of wetting agents on their product. DO NOT apply to trees bearing mature fruit until you have determined that this product will not damage or mark the fruit in any way. Treat 2-4 g/l as required, or consult water or environmental stress, 4-5 application is required.

RATES

DEFICIENCY LEVEL	Mg/Kg/HECTARE / YEAR
Maintenance	0.5 to 1
Moderate Deficiency	1.5 to 2
Severe Deficiency	1.5 to 2

\*\* Or as determined by tissue analysis.

ATTENTION ! Keep out of reach of children and animals

Keep away from children and animals. Do not be inhaled, it may prove harmful when inhaled. i. Product contains only active ingredients and does not contain any pesticides. i. Capable of causing irritation. i. Wear protective clothing, gloves, a NIOSH/MSHA approved respirator, goggles and gloves. i. Avoid contact with eyes, nose, mouth and skin. i. Wash thoroughly with soap and water after handling. i. If swallowed immediately contact a health care provider. i. If in eyes, rinse thoroughly with water. Remove contact lenses if present and continue to rinse for 15 minutes. i. If on skin, wash thoroughly with soap and water. i. Do not eat, drink or smoke while using this product. i. Wash clothing before reuse. Store locked up in original container. Dispose of contents and container in accordance with local, national and federal regulations.

EZ-GRO

Manufactured By: Hecros Corp., 605, Julius Dr., Kingston, Ontario K7M 4H4 (416) 334-3862  
 Distributor: Hecros Inc., Hecros Corp. 201434145, 2017 06184, Monctonville, KS 67054 (Salisbury, KS) 67070A



## Description

**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.

## 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%



# BIO-APP™ GA3 PRIME

Biotostimulants with Abiotic Plant Protection Technology

**GUARANTEED MINIMUM ANALYSIS**

Giberberic Acid.....	5.0%
Indolebutyric Acid.....	0.75%
Cytokinin as Kinetin.....	0.175%
Salicylic Acid.....	0.2%
Ascorbic Acid.....	0.2%
Thiamine.....	0.2%

**EZ-Gro GA3 Prime** contains giberberic acid (GA3), a very potent plant growth regulator whose natural occurrence in plants is essential for their development. GA3 promotes plant and flower growth and increases the rate of growth. Excessive application rates can have a profound effect when too much GA3 is applied. Excessive application rates can have a profound effect when the recommended rates. Do not mix with water for immediate use at time of application. Observe the effects of EZ-Gro GA3 Prime on a wide range of plants.

**DIRECTIONS OF USE: ALWAYS WEAR EYE PROTECTION.**

**MIXING AND SPREADING DIRECTIONS:** Always mix 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 water after adding all required water. EZ-Gro GA3 Prime has low solubility in water and cannot be diluted in high concentrations from the parts of the crop. Do not apply by air.

**APPLICABLE APPLICATIONS:** Do not direct spray plants to be treated. Turn off outdoor pointing nozzles as measured at nozzle and outer nozz. Do not apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area or in the upwind side.

**NOTE:** For full product application, always tank mix with half of the total volume of water, wind-aiding weather conditions, preferably early in the morning or late in the day and under the addition of a non-ionic surfactant at 0.25% volume. Always test for phytotoxicity. EZ-Gro GA3 Prime has low solubility in water and cannot be diluted in high concentrations from the parts of the crop. Do not apply by air.

Several factors may affect EZ-Gro GA3 Prime effectiveness:

- Rainfall within 6-4 hours of application will reduce activity significantly.
- Very early morning applications may not respond to EZ-Gro GA3 Prime.
- Plants under stress (drought, frost, disease, etc.) may not respond to EZ-Gro GA3 Prime. In severe weed competition, insect, disease or other plant stress, EZ-Gro GA3 Prime may not be effective. Do not apply EZ-Gro GA3 Prime if there is a risk of frost damage may not respond to EZ-Gro GA3 Prime.
- Inadequate coverage of plants may not be effective. Always ensure that all parts of the plant and crop entirely for complete activity.
- A heavy crop may require additional tank mix may reduce effectiveness.

**All necessary precautions must be followed to avoid injury to adjoining residential properties, orchards, aquatic habitats and other crops.**

CONC.		GROUP	PPM	ML/US	GA3 PPM	ML/US	THINNING
TARGET	1 LITRE	PPM	ML/US	1 LITRE	SOLUTION		
0.01	0.1	1000	100	25-40	400-800		Seed/fert stage to increase plant and size
0.02	0.2	200	20	25-40	400-800		Apply 10-30 days after planting plants have 14-16 leaves. Spruce to plant of ground. Do not apply after mid-May or on budburst.
0.05	0.5	500	50	20	40		At sawtooth/clear for larger forest tree and other shrubs.
0.1	1.0	1000	100	16-20	300-600		At small budburst, 4 weeks before harvest
0.2	2.0	2000	200	16-20	300-600		Small stage to increase plant and size
0.5	5.0	5000	500	16-20	300-600		Small stage to increase plant and size
1.0	10.0	10000	1000	16-20	300-600		Apply at emergence of scales before antenae to increase crop yield. Do not exceed rate and only apply if necessary.
2.0	20.0	20000	2000	16-20	300-600		
5.0	50.0	50000	5000	16-20	300-600		
10.0	100.0	100000	10000	16-20	300-600		

**ATTENTION: Keep out of reach of children and animals.**

**PRECAUTIONS:** Wear eye protection, gloves and shoes plus clothing when handling this product. Do not re-enter or allow entry within 12 hours after finished application. Avoid release to water sources. If any signs of harm to water animals, remove contact vessels if present and continue rinsing. If water soaked up in organic material, do not allow to drain into waterways. Do not use this product on water bodies or in waterways, or on natural vegetation.

**LOT NUMBER**

Manufactured By: Hycrocin Inc., 4005 Jettus Dr., Arlington, Ontario M7M 4H5 | (853) 384-8852

Registration Number 20171004 & 20201212, Fertigenz Act

**CONTINUED ON OTHER SIDE**

# BIO-APPT™ POWER BLEND FA

## Description

Fulvic acid enhances uptake of nutrients and strong chelator. Betaine is an osmo-protectant that in plants is involved in osmoregulation and water balance. Promotes growth under stressed conditions. Kelp Extract contains organic polymers and natural pgrs that provide growth stimulation. AminoGro is a wide spectrum amino acid natural nitrogen source that primes a plants metabolism. Monosilicic acid is a plant strengthener inducing a sturdier plant along with abiotic plant protection. Salicylic acid is a naturally occurring pgr that enhances resistance to drought, environmental stress, hardiness and primes a plants SAR metabolism.

## Guaranteed Minimum Analysis

Betaine 24.5%  
Kelp Extract 24.5%  
Fulvic acid 24.5%  
AminoGro 24.5%  
Monosilicic acid 1.5%  
Salicylic acid 0.35%

# E-Z-C® BIO-APP™ POWER BLEND FA

**BioStimulant with Abiotic Plant Protection Technology.**

Fulvic acid enhances uptake of nutrients and strong chelator. Betaine an osmo-protectant that in plants is involved in osmoregulation and water balance. Promotes growth under stressed conditions. Keep Extract contains organic polymers and natural pigments that stimulate growth stimulation. AminicGro is a wide spectrum amino acid/natural nitrogen source that primes a plant's metabolism. Monosilicic acid is a plant strengthener inducing a sturdier plant along with abiotic plant protection. Salicylic acid is a naturally occurring phytochemical that enhances resistance to drought, environmental stress, hardness and primes plants SAR metabolism.

Registration Numbers	CROP	APPLICATION RATE (KG/HA)	TIMING/FREQUENCY
Betaine: 2017083A Keep Extract: 2002019A Fulvic Acid: 2015120A AminoGro: 2016047A Monosilicic Acid: 2017095A Salicylic Acid: 2017070A	Carrot	2	Single application during vegetative development.
	Citrus	3-5	Single application at beginning of flowering.
	Cucumber	2	Apply during flowering at 3-week intervals.
	Eggplant	3	Single application at mid-flowering stage.
	Melon & Squash	2	Single application at early to full flowering OR 1st application at beginning of flowering and 2nd application 3 weeks later.
	Fruit Trees (Apple, Pear)	5-7	Single application at mid-flowering stage.
	Potato	2	Single application at tuber initiation.
	Process Tomato	2	Single application at early to full flowering.
	Table Tomato	2-3	commencing after 3 weeks, continuing at onset of full flowering.

*continued on back*

**ATTENTION**  
**Keep out of reach of children and animals**  
 This product contains soap. Adverse reactions may occur in sensitive persons. If harmful if swallowed. Harmful in contact with skin. Harmful if inhaled. If harmful protective gloves, clothing eye and respiratory protection. Do not eat, drink or smoke when using this product. If you're breathing dust, use only in a well-ventilated location. Wash thoroughly after handling. If exposed, concerned or feeling unwell, immediately contact a health professional. Avoid contact with eyes. Avoid direct contact. Avoid contact with soap and water. If allergic reaction occurs seek medical attention. Wash contaminated clothing before re-use. It is advised move person to fresh air and keep comfortable for 30 minutes. Store locked up in a dark, well-ventilated area. Keep container tightly closed. Dispose of waste material and packaging in accordance with local, regional and federal legislation.

**LOT NUMBER:**

Manufactured By: Hecropine Inc., 605 Joshua Dr., Kingston, Ontario K7M 4J5 (613) 394-0882  
 Derived From Registration Number: 2016047A Fertilizers Act



# BIO-APP™ SA/SIL (FIELD)

BIO-APP™

## Description

EZ-Gro SA/SIL Field Primes a plants SAR metabolism producing a vaccine like effects. Monosilicic acid is a plant strengthener inducing a sturdier plant along with abiotic plant protection. Salicylic acid is a naturally occurring pgr that enhances resistance to drought, environmental stress, hardiness.

## Guaranteed Minimum Analysis

Monosilicic Acid 14.0%  
Salicylic Acid 6.0%

# BIO-APP™ SA/SIL (TURF)

BIO-APP™

## Description

EZ-Gro SA/SIL Turf Monosilicic acid is a plant strengthener inducing a sturdier plant along with abiotic plant protection. Salicylic Acid is a plant growth regulator that increases a plants response to abiotic stress. Salicylic Acid will promote growth and chlorophyll content.

## Guaranteed Minimum Analysis

Monosilicic Acid 14.0%  
Salicylic Acid 0.6%



### BIO-APP™ SA/SIL (FIELD)

BioStimulant with Abiotic Plant Protection Technology.

**GUARANTEED MINIMUM ANALYSIS**

Monosilicic Acid	14.0%
Salicylic Acid	6.0%

**EZ-Gro SA/SIL Field** Primes a plants SAR metabolism producing a vaccine like effects. Monosilicic acid is a plant strengthener inducing a sturdier plant along with abiotic plant protection. Salicylic acid is a naturally occurring pgr that enhances resistance to drought, environmental stress, hardiness.

**ATTENTION**

Keep out of reach of children and animals. Causes serious skin burns and eye damage. | May be harmful if swallowed. | Do not enter treated areas within four hours of foliar application. | Wear protective gloves, clothing, eye and respiratory protection. | Do not eat, drink or smoke when using this product. | Wash thoroughly after handling. | If exposed, concerned or feeling unwell, immediately contact a health care provider. | If skin contact occurs, wash with soap and water. If allergic reaction occurs, seek medical attention. | If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and continue rinsing. | If swallowed, rinse mouth. | Store locked up, in a dark, well ventilated area. Keep container tightly closed. | Dispose of contents and packaging in accordance with local, regional and federal legislation.

**APPLICATION CHART:**

CROP	APPLICATION Rate	TIMING/FREQUENCY
Nursery Stock: Containerized and field grown; deciduous and evergreen trees, annuals, perennials, herbs, and vegetables	300ml/ha	Apply every 30 days or as needed commencing at transplant or 3-5 leaf stage.
Fruits and Berries: plums, apricots, cherry, peach, blueberries, blackberries, raspberries, strawberries		3-4 applications commencing at 75% petal drop and repeating with 21-28 day intervals.
Apples and Pears		3-4 applications commencing at 50% flowering and repeating with 21-28 day intervals.
Fruiting vegetables: tomatoes, peppers, beans, peas, onions, lettuce, cauliflower, cabbage, Chinese cabbage		First application prior to fruit set and repeat after 2 weeks.
Potatoes	300ml/ha	First application at tuber initiation and repeat after 2 weeks.
Cucurbits: pumpkins, squash, melons, cucumbers		First application at flowering and repeat after 21 days.
Grapes: table and wine		Apply every 4-6 weeks commencing once plants begin to grow.
Herbs: basil, chives, coriander, dill, parsley, sage		Apply every 4-6 weeks commencing once plants begin to grow.
Field crops: barley, corn, oats, soybean, sugar beet, wheat		After plants reach the 3-5 leaf stage.
Grasses grown for seed, sod, pasture, forage, alfalfa		Use with sufficient water to cover. Apply when 2-4" tall. Use with sufficient water to cover.

**LOT NUMBER:**

Manufactured By: Higncorp Inc., 605 Justice Dr., Kingston, Ontario K7M 6H5 | (613) 384-8882  
Derived From Registration Numbers: 2017096A & 2017095A Fertilizers Act



### BIO-APP™ SA/SIL (TURF)

BioStimulant with Abiotic Plant Protection Technology.

**GUARANTEED MINIMUM ANALYSIS**

Monosilicic Acid	14.0%
Salicylic Acid	0.6%

**EZ-Gro SA/SIL Turf** Monosilicic acid is a plant strengthener inducing a sturdier plant along with abiotic plant protection. Salicylic Acid is a plant growth regulator that increases a plants response to abiotic stress. Salicylic Acid will promote growth and chlorophyll content.

**ATTENTION**

Keep out of reach of children and animals. Causes serious skin burns and eye damage. | May be harmful if swallowed. | Do not enter treated areas within four hours of foliar application. | Wear protective gloves, clothing, eye and respiratory protection. | Do not eat, drink or smoke when using this product. | Wash thoroughly after handling. | If exposed, concerned or feeling unwell, immediately contact a health care provider. | If skin contact occurs, wash with soap and water. If allergic reaction occurs, seek medical attention. | If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and continue rinsing. | If swallowed, rinse mouth. | Store locked up, in a dark, well ventilated area. Keep container tightly closed. | Dispose of contents and packaging in accordance with local, regional and federal legislation.

**Key Benefits:**

- Silicon in plants helps strengthen cell wall tissues and is found in epidermal cells.
- In grasses, silicon appears in intracellular bodies such as silica cells of the epidermis of leaf surfaces, located along the midrib of the blades.
- Reduced water loss during periods of dry weather.
- Increased ball roll and green speed.
- Improves uniform cutting and appearance of turf, especially in shady situations.
- Silicon helps lift the leaf blade to allow a cleaner cut with dwarf perennial ryegrass species.
- Can be used as part of an integrated programme to help prevent leaf-spot by hardening of the cell walls.
- Assists in removal of Annual Meadow-grass seed heads.
- During seedling an application of silicon lifts the seed head allowing better collection by regular mowing or vert-cutting.
- Allows better cutting of uneven spring growth.
- Promotes lush growth in heavy traffic areas.
- New unique product specifically formulated for turf

**APPLICATION CHART:**

CROP	APPLICATION RATE	TIMING/FREQUENCY
Greens, Tees and Fine Turf	Apply 25-50ml of SAV/SIL with 8-10L of water per 100sqm (1000 sq ft) to 600-1000g water (1:1 to 2:1, 400L of water/race)	Apply every 10-14 days throughout the growing season to increase wear tolerance and improve ball speed.
Fairways, Roughs, Sports Turf and Lawns	Apply 25-50ml of SAV/SIL with 8-10L of water per 100sqm (1000 sq ft) to 600-1000g water (1:1 to 2:1, 400L of water/race)	Apply once or twice per month throughout the growing season.

**LOT NUMBER:**

Manufactured By: Higncorp Inc., 605 Justice Dr., Kingston, Ontario K7M 6H5 | (613) 384-8882  
Derived From Registration Numbers: 2017096A & 2017095A Fertilizers Act



# ***FIELD CROP*** PROGRAMS







# Cereal Crops

For each stage, choose one of:

<b>Pre-Seed</b>	<b>Humic Acid 0-0-5</b> 2-5 kg/ha	<b>Bio-APP Power Blend FA</b> 2-5 kg/ha	
<b>Seed, Starter &amp; In Furrow</b>	<b>Max</b> In Furrow: 300ml/ha (125ml/acre)	<b>Sprout</b> Add to starter or UAN: 250-500ml/1000L	<b>Accelerator L/A or S/A</b> Seed Treatment: 200ml per 25kg seed
	<b>Bio-APP Power Blend FA</b> Add to starter or UAN: 1kg/1000L		<b>SA-L 10%</b> Add to starter or UAN: 250-500ml/1000L
<b>Tillering</b>	<b>Prime</b> Foliar spray: 175ml/ha at 3-8 leaf stage		<b>Bio-APP Betaine Prime</b> Foliar Spray: 500ml/ha
	<b>Armour-P</b> Foliar Spray: 100ml/ha - Can be mixed with other treatments to increase stem thickness and prevent lodging at the Tillering stage.		
<b>Flag Leaf / Boot</b>	<b>Cyto</b> Foliar Spray: 110ml/ha		<b>Bio-APP Cyto-Betaine</b> Foliar Spray: 500ml/ha

## Other options

<b>Environmental Protection</b>	<b>Ez-Gro Betaine</b>	<b>Ez-Gro Secure</b>	<b>Ez-Gro BR</b>
<b>Deficiency Correction</b>	<b>Bio-APP Cyto-Boro</b>	<b>BIO-APP Cal-Boost + Activator</b>	<b>Amino Acid Chelates</b> (B, Ca, Cu, Fe, Mg, Mn, Zn)
<b>Adjuvants</b>	<b>SSP</b>		<b>Yucca</b>





# Cucurbit

For each stage, choose one of:

<b>Pre-Seed</b>	<b>Humic Acid 0-0-5</b> 2-5 kg/ha	<b>Bio-APP Power Blend FA</b> 2-5 kg/ha	
<b>Seed Treatment &amp; In Furrow</b>	<b>5-15-5 RTC</b> Drip Irrigation: 3-5ml/L water	<b>Sprout</b> Foliar Spray: 1ml/L water	<b>Accelerator L/A or S/A</b> Seed Treatment: 200ml per 25kg seed
<b>Growth (3-5 Leaf)</b>	<b>Prime</b> Foliar Spray: 175ml/ha	<b>Betaine-Prime</b> Foliar Spray: 500ml/ha	
<b>Flowering</b>	<b>BR</b> Foliar Spray: 50ml/h	<b>Max</b> Foliar Spray: 115ml/ha	
<b>Small Fruit</b>	<b>Cyto</b> Foliar Spray: 110ml/ha (2 applications)	<b>Bio-APP Cyto-Betaine</b> Foliar Spray: 500ml/ha (2 applications)	

## Other options

<b>Environmental Protection</b>	<b>Ez-Gro Betaine</b>	<b>Ez-Gro Secure</b>	<b>Ez-Gro BR</b>
<b>Deficiency Correction</b>	<b>Bio-APP Cyto-Boro</b>	<b>BIO-APP Cal-Boost + Activator</b>	<b>Amino Acid Chelates (B, Ca, Cu, Fe, Mg, Mn, Zn)</b>
<b>Adjuvants</b>	<b>SSP</b>	<b>Yucca</b>	





# Fruit Tree

For each stage, choose one of:

30 Days before Bud Break	Bio-APP BR 3L/MT (30-40 days)	Humic Acid 0-0-5 2-5 kg/ha	Bio-APP Power Blend FA 2-5 kg/ha
Bud Break	Max Foliar Spray: 115ml/L	Bio-APP Betaine MAX Foliar Spray: 115ml/L	
Full Bloom	Aminogro 2-3kg/ha		
Fruit Development	GA3 Foliar Spray: 1L/ha	Cyto Foliar Spray: 500ml/h	Bio-APP GA3 Prime Foliar Spray: 1L/ha
Pre Harvest	Betaine 2-3kg/ha	Bio-APP Cal-Boost Foliar Spray: 100-300ml/100L (Apply every 7-10 days)	
Post Harvest	Bio-APP Power Blend FA 3-5kg/ha		

## Other options

<b>Specialized Program</b>	<b>GRAPES</b> <b>GA3</b> 0.25-0.5L/ha (At Bud Break or Full Bloom)		<b>CHERRIES</b> <b>Bio-APP GA3 Prime</b> 0.5L/ha (At Fruit Development)
<b>Environmental Protection</b>	<b>Ez-Gro Betaine</b>	<b>Ez-Gro Secure</b>	<b>Ez-Gro BR</b>
<b>Deficiency Correction</b>	<b>Bio-APP Cyto-Boro</b>	<b>BIO-APP Cal-Boost + Activator</b>	<b>Amino Acid Chelates</b> (B, Ca, Cu, Fe, Mg, Mn, Zn)
<b>Adjuvants</b>	<b>SSP</b>		<b>Yucca</b>





# Greenhouse & Field Vegetable - Groups 8 - 10

For each stage, choose one of:

<b>Pre-Seed</b>	<b>Humic Acid 0-0-5</b> 2-5 kg/ha	<b>Bio-APP Power Blend FA</b> 2-5 kg/ha	
<b>Transplant / Seedling</b>	<b>5-15-5 RTC</b> Drip Irrigation: 3-5ml/L water	<b>Sprout</b> Foliar Spray: 1ml/L water	<b>Accelerator L/A or S/A</b> Seed Treatment: 200ml per 25kg seed
<b>Growth (6-8 Leaf)</b>	<b>Prime</b> Foliar Spray: 175ml/ha		<b>Betaine-Prime</b> Foliar Spray: 500ml/ha
<b>Flowering</b>	<b>BR</b> Foliar Spray: 50ml/h		<b>Max</b> Foliar Spray: 115ml/ha
<b>Small Fruit</b>	<b>Cyto</b> Foliar Spray: 110ml/ha (2 applications)		<b>Bio-APP Cyto-Betaine</b> Foliar Spray: 500ml/ha (2 applications)

## Other options

<b>Blossom End Rot &amp; Root Rot Prevention</b>	<b>Bio-APP Cal-Boost (Organic)</b>		<b>Bio-APP Cal-Boost + Activator</b>
<b>Environmental Protection</b>	<b>Ez-Gro Betaine</b>	<b>Ez-Gro Secure</b>	<b>Ez-Gro BR</b>
<b>Deficiency Correction</b>	<b>Bio-APP Cyto-Boro</b>	<b>BIO-APP Cal-Boost + Activator</b>	<b>Amino Acid Chelates (B, Ca, Cu, Fe, Mg, Mn, Zn)</b>
<b>Adjuvants</b>	<b>SSP</b>		<b>Yucca</b>





# Leafy Vegetables & Brassica

For each stage, choose one of:

Pre-Seed	Humic Acid 0-0-5 2-5 kg/ha		Bio-APP Power Blend FA 2-5 kg/ha	
Transplant / Seedling	5-15-5 RTC Drip Irrigation: 3-5ml/L water	Sprout Foliar Spray: 1ml/L water		Accelerator L/A or S/A Seed Treatment: 200ml per 25kg seed
Beginning of Head Development	Cyto Foliar Spray: 110ml/ha		Bio-APP Cyto-Betaine Foliar Spray: 500ml/ha	
50% of Head Development	Max Foliar Spray: 110ml/ha		Bio-APP Betaine Max Foliar Spray: 500ml/ha	

## Other options

Environmental Protection	Ez-Gro Betaine	Ez-Gro Secure	Ez-Gro BR
Deficiency Correction	Bio-APP Cyto-Boro	BIO-APP Cal-Boost + Activator	Amino Acid Chelates (B, Ca, Cu, Fe, Mg, Mn, Zn)
Adjuvants	SSP	Yucca	





# Oil Seeds & Pulse Crops

For each stage, choose one of:

<b>Pre-Seed</b>	<b>Humic Acid 0-0-5</b> 2-5 kg/ha	<b>Bio-APP Power Blend FA</b> 2-5 kg/ha	
<b>Seed, Starter &amp; In Furrow</b>	<b>Max</b> In Furrow: 300ml/ha (125ml/acre)	<b>Accelerator L/A or S/A</b> Seed Treatment: 200ml per 25kg seeds	
	<b>Sprout</b> Add to starter or UAN: 250-500ml/1000L	<b>SA-L 10%</b> Add to starter or UAN: 250-500ml/1000L	<b>Bio-APP Power Blend FA</b> Add to starter or UAN: 1kg/1000L
<b>Stem Elongation</b>	<b>Prime</b> Foliar Spray: 175ml/ha at 3-8 leaf stage		<b>Bio-APP Betaine Prime</b> Foliar Spray: 500ml/ha
	<b>Armour-P</b> Foliar Spray: 100ml/ha Can be mixed with other treatments to increase stem thickness and prevent lodging		
<b>Flowering</b>	<b>Cyto</b> Foliar Spray: 110ml/ha	<b>Bio-APP Cyto-Betaine</b> Foliar Spray: 500ml/ha	

## Other options

<b>Environmental Protection</b>	<b>Ez-Gro Betaine</b>	<b>Ez-Gro Secure</b>	<b>Ez-Gro BR</b>
<b>Deficiency Correction</b>	<b>Bio-APP Cyto-Boro</b>	<b>BIO-APP Cal-Boost + Activator</b>	<b>Amino Acid Chelates</b> (B, Ca, Cu, Fe, Mg, Mn, Zn)
<b>Adjuvants</b>	<b>SSP</b>	<b>Yucca</b>	





# Root & Tuber Vegetables

For each stage, choose one of:

<b>Pre-Seed</b>	<b>Humic Acid 0-0-5</b> 2-5 kg/ha	<b>Bio-APP Power Blend FA</b> 2-5 kg/ha
<b>Seed Initiation (Potatoes Only)</b>	<b>GA3</b> Spray or soak prior to planting: 10ml/L	<b>Bio-APP GA3 Prime</b> Spray or soak prior to planting: 10ml/L
<b>Emergence</b>	<b>Sprout</b> Foliar Spray: 1ml/L (2 applications)	<b>Bio-APP SA/SIL</b> Foliar Spray: 300ml/ha
<b>Root / Tuber Initiation</b>	<b>Max</b> Foliar Spray: 150ml/ha	<b>Bio-APP Betaine Max</b> Foliar Spray: 500ml/ha
<b>Root / Tuber Bulking</b>	<b>Cyto</b> Foliar Spray: 200ml/ha	<b>Bio-APP Cyto-Betaine</b> Foliar Spray: 500-1000ml/ha

## Other options

<b>Environmental Protection</b>	<b>Ez-Gro Betaine</b>	<b>Ez-Gro Secure</b>	<b>Ez-Gro BR</b>
<b>Deficiency Correction</b>	<b>Bio-APP Cyto-Boro</b>	<b>BIO-APP Cal-Boost + Activator</b>	<b>Amino Acid Chelates (B, Ca, Cu, Fe, Mg, Mn, Zn)</b>
<b>Adjuvants</b>	<b>SSP</b>	<b>Yucca</b>	





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