

**CFIA Registered Biostimulant** 

Improves Crop Yield and Reduces Environmental Stress

NEW FOR 2018

## EZ-GRO PRIME

CFIA Registration Number 2017100A Fertilizers Act



## **GUARANTEED 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** 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.

## **ADVANTAGES & BENEFITS**

- CFIA Registered and Approved
- Improves Crop Yield
- Reduces Environmental Stress
- Contains 5 Biostimulants

## 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

CROP	APPLICATION RATES
Barley, Oats, Rye, Spring or Winter Wheat, Canola, Flaxseed, Mustard, Safflower, Sunflower, Corn, Soybean & Legumes	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	Apply 175 ml/ha 14-21 days after emergence. 2nd application at 5-10% bloom.
Fruiting Vegetables	
Cucumbers, Watermelon, Squash	
Leafy Vegetables	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	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.

