



# ACCELERATOR L/A

## GUARANTEED MINIMUM ANALYSIS

Bacillus licheniformis.....5.0x10<sup>9</sup> CFU/g

Bacillus amyloliquefaciens.....1.0x10<sup>7</sup> CFU/g

**EZ-Gro Accelerator L/A** is a blend of Bacillus Licheniformis and Amyloliqefaciens Plant Growth Promoting Rhizobacteria (PGPR).

B. licheniformis is an efficient nitrogen fixing PGPR that can increase the available nitrogen in your soil and produce gibberellins as well as other auxins to encourage your plants to grow tall and strong.

B. amyloliquefaciens is a phosphorous solubilizing PGPR that can increase the available phosphorous in your soil, produce auxins and other growth-promoting compounds, and even help your plants protect themselves against drought, salt, and other environmental stress.

Plant-growth-promoting rhizobacteria are often used as biofertilizers to increase seedling emergence, enhance crop yields, increase plant weight and improve flavour in some fruit and vegetable crops. Used as alternatives or adjuncts to chemical fertilizers, PGPR's are a sustainable and efficient method to increase quantity and quality of yields, while offering protection against poor conditions and other abiotic stressors.

### ATTENTION

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

May contain fungi and bacteria and may cause adverse effects to individuals allergic to certain microorganisms including molds, and also to immune deficient individuals | Avoid inhalation, ingestion and contact with skin and eyes | Wear protective equipment including clothing, gloves, eye and respiratory protection | Contact a health care provider if concerned or feeling unwell | If in eyes, rinse immediately with adequate water for at least 15 minutes | If swallowed, rinse mouth with water and drink plenty of water afterwards | If inhaled, move person to fresh air | If in contact with skin, wash immediately with plenty of water | Store in tightly closed container, in a dry, well-ventilated area | Dispose of contents and packaging in accordance with local, regional, and federal requirements

LOT NUMBER:

EXPIRY DATE:

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

Registration Number 2020051S Fertilizers Act

## DIRECTIONS OF USE:

*Best if used as a soil application at initiation or immediately after sowing, and may be repeated 2 weeks later for optimal results.*

**GENERAL APPLICATION RATES:** Apply with sufficient water for coverage unless otherwise stated

CROP	APPLICATION RATE
General Fertilization	500 ml per metric ton of water (4 L per 32.4 ha (80 acres))
Pre-Plant	150 ml in 450 L (120 gal) water per ha (180 L (45 gal) per acre) to allow soil saturation
In-Furrow or Banded	50 ml per 0.4 ha (1 acre)
Broadcast	100 ml per 0.4 ha (1 acre)
Chemigation or Tank Mix	50 ml per 0.4 ha (1 acre) applied monthly
Turf, Golf Courses, Sports Fields, Sod, Lawn Care	200 ml per 0.4 ha (1 acre)
Soil & Compost	400 ml per metric ton, spray on and mix thoroughly
Hydroponics & Cannabis	1 ml per litre water (4 ml per gallon), applied to growing medium weekly during vegetative state and until week 4 bloom cycle

**SEED TREATMENT:** If applying alone: Dilute with adequate amount of water. Mix well and apply uniformly to the seed.

CROP	APPLICATION RATE PER BAG/UNIT	4 L TREATS (BAGS/UNITS)
Corn	200 ml per 80,000 kernels	20
Canola	200 ml per 22.7 kg seeds	20
Alfalfa & Forage Crops	200 ml per 22.7 kg seeds	20
Wheat, Barley, Oats, Rye, Spelt	50 ml per 45.4 kg seeds	80
Soybean	200 ml per 140,000 seeds	20
Sugar Beet	200 ml per 100,000 seeds	20
Sunflower	200 ml per 200,000 seeds	20
Dry Bean, Chick Pea, Field Pea, Lentil	200 ml per 22.7 kg lbs seeds	20

### IMPREGNATION RATES:

**Dry Fertilizers:** Recommended rate is 0.5 - 1.0L per ton of dry fertilizer.

**Tank Mix Compatibility:** This product is compatible with many agricultural pesticides. A jar test is recommended before mixing with other fertilizers or pesticides. In some cases, tank mixing with pest control products can result in reduced pesticide efficacy or increased host crop injury. Contact the company responsible for the pest control product before applying any tank mix.

**Pre Blending:** (If liquid fertilizers and or herbicides are to be impregnated onto dry fertilizer with Accelerator) - perform a jar test to assure compatibility with different mixtures of chemicals. It is typically recommended to mix in the following order: fertilizers, chemicals, water, and Accelerator. Liquid fertilizers in the pH range of 5 to 9 are compatible with Accelerator.

## 4 L (4.92 KG)