

# Optimal Growth Manager

# Guaranteed Analysis 0-1-20

Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	1.0%
Soluble Potash (K <sub>2</sub> O)	20.0%
Boron (B)	0.5%

#### Derived From:

Phosphoric Acid, Potassium Hydroxide, Boric Acid.

Also Contains Non-Plant Food Ingredient: 5.5% Organic Matter (derived from leonardite)

## Physical Properties:

Form: Liquid

Appearance: Slightly hazy, dark purplish brown, having a characteristic odor

Weight: 10.87 lb/gal, 1.25 kg/L pH: ≥ 14.0

#### Caution:

Keep out of reach of children.

Harmful if swallowed.

The liquid and mists are corrosive to all tissues contacted. Inhalation of mist can cause permanent lung damage. Moderately toxic by ingestion.

This product can react vigorously with acids and other substances, materials, and/or products.

#### Warning:

This product contains boron, which may be injurious to certain crops.

#### Storage and Disposal:

Keep product in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations. Do not store this product below 50°F (10°C) or above 90°F (30°C).

#### Conditions of Sale:

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, crop conditions, and other factors are beyond the control of the seller.

# The Solution for Increasing Quality of Yields

Huma Gro<sup>®</sup> JACKPOT<sup>®</sup> carbon-complexed with Micro Carbon Technology<sup>®</sup> is a concentrated formulation of potassium and boron that feeds the metabolic processes necessary for uniform fruit maturity and improved shelf life, resulting in higher quality fruit. Potassium in JACKPOT<sup>®</sup> promotes translocation of nutrients, proteins, carbohydrates, and sugars from leaves and stems into the fruit. JACKPOT<sup>®</sup> may indirectly improve yield, size, color, quality, and uniformity of all crops. JACKPOT<sup>®</sup> should always be applied with Huma Gro<sup>®</sup> CALCIUM to achieve maximum results.

## Benefits of Use:

- Promotes sizing and maturity of crops
- Enhances the movement of carbohydrates and proteins from leaves, stems, and roots to the harvested portion of the crop
- Improves quality, shipability, and shelf life of produce

JACKPOT® applied with CALCIUM has the following benefits in crops:

- COTTON: Aids fiber maturity, allowing bolls to open naturally; promotes fiber strength and quality; "finishes" filling out the top crop; and "sets-up" crop for proper defoliation
- POTATOES: Promotes tuber sizing, enhances skin setting and "netting," improves quality for better shipping and storage, and prepares tubers for harvest without "killing"
- SUGAR BEETS: Enhances sugar content and prepares crop for top removal and harvest
- PEANUTS: Improves quality and grade as well as promotes nut-fill

## Application Instructions:

Contents are highly concentrated and must be diluted with water in a ratio of at least 20 parts water to 1 part product prior to foliar application. For optimum results, JACKPOT<sup>®</sup> should be applied with Huma Gro<sup>®</sup> CALCIUM at half the dosage rate of JACKPOT<sup>®</sup>. Applications can be every 7 to 10 days, as needed. First application should be a maximum of 28 days prior to defoliation or harvest. See table below for specific rate instructions. SHAKE WELL BEFORE USING.

METHOD OF APPLICATION	SUGGESTED RATE Field Crops / Tree or Vine Crops	
Foliar band application at 50% coverage	Up to 1 qt/ac, 2.5 L/ha	
Foliar broadcast or sprinklers:	Up to 2 qt/ac,	Up to 1 gal/ac,
solid, set, pivot, linear (100% speed)	5 L/ha	10 L/ha
Soil banded or injected, through drip tape	Up to 2 qt/ac,	Up to 1 gal/ac,
or micro sprinklers	5 L/ha	10 L/ha
Soil broadcast spray incorporated, flood	Up to 1 gal/ac,	Up to 2 gal/ac,
or furrow irrigated	10 L/ha	20 L/ha



\*This Product Contains Micro Carbon Technology<sup>®</sup>, a proprietary blend of very small organic molecules that allows for more effective absorption of nutrients by plants.

