

## BOMBARDIER SUGAR



### 1. Product Description

**BOMBARDIER SUGAR** is a new generation biofertilizer developed exclusively by Agroindustrial Kimatec. Starting from the basics and benefits of four broad groups such as amino acids (specific aminogram), Fulvic acids, organic matter, and Oligosaccharides, we were able to induce and enhance the levels of mono, oligo, and polysaccharides in the fruit. **BOMBARDIER SUGAR** gives to the crops a higher capacity for synthesize two of the major polysaccharides: cellulose (structural function) and starch (standby function), among others. Getting a direct effect on ripening, coloration and finally favoring an increase in the Brix degrees. To obtain an optimum result, we have needed to incorporate in the formulation, in addition to the groups previously mentioned (amino acids, Fulvic acids, organic matter and Oligosaccharides), elements such as Fe, K, betaines, proteins, enzymes, auxins, and vitamins. This second group enables **BOMBARDIER SUGAR** to reach an optimum result in ripening levels, as well as the Green organs development and increase of fruit size and quality.

### 2. Composition

COMPOSITION	% w / w	% w / v
Oligosaccharide	29.0	38.1
Free amino acids	7.8	10.3
Total Humic extract	15.0	19.7
Total Nitrogen (N)	5.0	6.6
Organic Nitrogen	2.5	3.3
Ammoniacal Nitrogen	2.4	3.2
Potassium (K <sub>2</sub> O)	0.1	0.1
Iron (Fe)	0.02	0.03
Total Organic Matter	65.0	85.5

\***Aminogram:** Aspartic Acid, Glutamic Acid, Serine, Histidine, Glycine, Threonine, Arginine, Alanine, Tyrosine, Valine, Cysteine, Isoleucine, Leucine, Phenylalanine and Lysine.

### 3. Physicochemical Properties

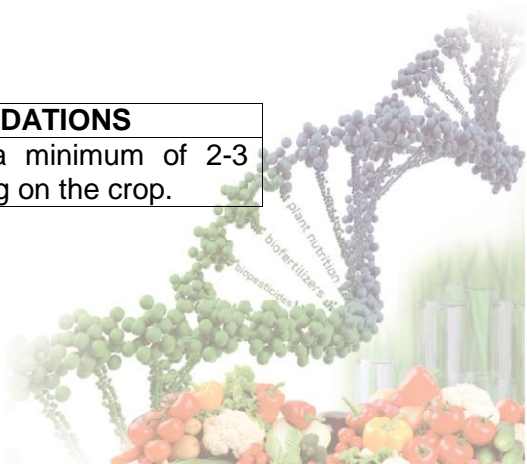
**Appearance:** Brown liquid

**pH:** 5-7

**Specific Gravity:** 1,30 to 1,33 g / cc

### 4. Directions for use

APPLICATION	DOSAGE	RECOMMENDATIONS
FOLIAR	2-4 cc / L	It is recommended a minimum of 2-3 applications depending on the crop.
FERTIRRIGATION	20 L/ha	



# TECHNICAL SHEET

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## BOMBARDIER SUGAR

Organic Certification



ORGANIC FARMING INPUTS

CROP	APPLICATIONS
VEGETABLES (Tomato, Peppers, Eggplant)	Apply at the fruit growth stage every 7-10 days.
CUCURBITS (Melon and Watermelon)	
Early seeding	Apply at least two times, 30 and 15 days before harvest.
Late seeding	Apply at least two times, 25 and 10 days before harvest.
FRUIT TREES (Mango, Avocado, Citrus, Banana tree, etc.)	Apply at the 45, 30 and 20 days before harvest.
VINE	Apply 6-8 weeks before harvest

### Recommendation:

\*For the continuously use on fertilization tanks, it is recommended to dilute the product up to 50% to avoid properties loss.

## 5. Net Contents

Packaging of 1, 5, 20, 220 and 1.000 L



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