

BIO-GRAND

LIAM, SOIL BIOSTIMULANT
SELF DEFENSE ENHANCER
SOLUBLE POWDER

VAPCO

Class:
Amino Acid⁽¹⁾
Synthetic Auxin⁽²⁾
Gibberellins⁽³⁾
Trace Element⁽⁴⁾

BIO-GRAND special biostimulant with a unique combination which increases crop production, quality and quantity. **BIO-GRAND** improves all the physiological processes within the plant .

COMPOSITION: Each 1 kg of **BIO-GRAND** contains:

Glycine ⁽¹⁾	40.0% W/W	Fe ⁽⁴⁾	0.12% W/W
A.N.A.A ⁽²⁾	0.45% W/W	Zn ⁽⁴⁾	0.22% W/W
A.N.A ⁽²⁾	1.25% W/W	Mn ⁽⁴⁾	0.52% W/W
Gibberellic Acid ⁽³⁾	0.7% W/W	Mg ⁽⁴⁾	0.24% W/W
Biological Enhancer	13.4% W/W	Cu ⁽⁴⁾	0.25% W/W

PROPERTIES:

BIO-GRAND: Increase leaf growth and stem elongation, promote protein synthesis and enhance production of green pigments.

BIO-GRAND: Increase crop production, quality and quantity, induce flowering and fruit sitting and encourage rapid development of fruit size and color .

BIO-GRAND: Promote root growth, supply plant with essential microelements and encourage uptake of nutrients and water .

USES AND APPLICATION RATE:

CROPS	APPLICATION RATE BY FOLIAR APPLICATION (GM / 100 LT)	APPLICATION RATE BY DRIP IRRIGATION (GM / Donum)
Tomato, Pepper, Eggplant , Cucumber, Squash, Cabbage, Cauliflower, Parsley, Lettuce, Celery, Carrots, Turnip, Beets, Garlic, Onions, Broccoli, Watercress, Leeks, Asparagus, Artichokes, Soybean, Alfalfa, Okra, Spinach, Jews Mallow.	100-150	400-600
Beans and Peas	100-150	400-600
Apples, Pears, Peaches, Plums, Cherries, Apricots, Almonds, Quince, Mango, Loquat, Avocado, Figs, Pomegranate	100-150	400-600
Grapes	100-150	400-600
Lemon, Orange, Pummelo, Mandarin, Grapefruit	100-150	400-600
Strawberry	100-150	400-600
Watermelon, Muskmelon and Pumpkin	100-150	400-600
Corn	100-150	400-600

• For more details about first aid & precautions please refer to first aid & precautions index.

CROPS	APPLICATION RATE BY FOLIAR APPLICATION (GM / 100 LT)	APPLICATION RATE BY DRIP IRRIGATION (GM / Donum)
Date Palm	100-150	400-600
Olives	100-150	400-600
Ornamentals	100-150	400-600

CAUTIONS:

- Use only the recommended application rates .
- It's preferable to make field experiment before use to avoid any stress that may occur on some sensitive varieties .
- Repeat treatment is recommended depending upon plant growth stage and application type .

• For more details about first aid & precautions please refer to first aid & precautions index.