

AGRI-KING EX™

Corn Enzyme Composite Nutrient Solution



群耕農業生技有限公司

GROUP GAIN BIO-AGRI CO., LTD.

www.groupgain.com.tw

Technical Data Sheet

DESCRIPTION

Agri-King EX™ is extracted from corn embryo and contains natural plant hormones. Adding various trace elements can supplement the nutritional needs of each growth stage.

BENEFITS

- Promote fruit colorization, fruit growth
This corn germ extract is rich in various natural botanical phytohormones which promote growth and development in plants.
- This product contains secondary/trace elements such as calcium, magnesium, boron, iron, zinc, manganese and molybdenum which serve as essential nutrients during the physiological development of plants. These elements contribute to the function of related enzymes within plant cells during their metabolic process.

ACTIVE INGREDIENT

Nitrogen (N).....	3.0 %
Phosphoric anhydride (P ₂ O ₅).....	5.5 %
Potassium oxide (K ₂ O).....	3.5 %
Calcium oxide (CaO).....	1.0 %
Magnesium oxide (MgO).....	1.2 %
Boron (B).....	0.1 %
Organic matters.....	30.0 %

WARNING

- Shake well before use. Please use it in one go after dilution to avoid odors caused by fermentation.
- For foliar spray, it can be used in combination with pesticides. However, mixing with inorganic copper reagents, Bordeaux mixture liquid, and alkaline pesticides must be avoided.
- It may be toxic and harmful if used excessively. Please use it in accordance with the usage and quantity of fertilizers.

APPLICATION

CROPS	APPLICATION OF TIME	IRRIGATION DILUTION RATE	FOLIAR DILUTION RATE	DOSAGE (L/HA)
VEGETABLES, MELONS, FRUITS	SPRAY/IRRIGATE ONCE EVERY 5-7 DAYS	100-150	500-800	1.5-5.0
AQUATIC PLANTS	SPRAY/IRRIGATE ONCE EVERY 5-7 DAYS	100-150	500-800	1.5-5.0
RICE	SPRAY/IRRIGATE ONCE EVERY 5-7 DAYS	100-150	500-800	1.5-5.0

Manufactured by: GROUP GAIN BIO-AGRI CO., LTD.

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TYPICAL PROPERTIES

Appearance (25 °C).....	Liquid
Color.....	Dark brown
Odor.....	Slightly sweet and sour
pH value.....	4-5
Density(g/cm ³).....	1.25

STORAGE & HANDLING

1. Storage and transportation:
Keep in a cool and dry place. Avoid direct sunlight and high temperature.
2. Spills and Disposal:
Use protective solvent resistant gloves to avoid skin contact. Small spills can be wiped up with vermiculite or other suitable absorbent material and removed to an approved disposal container. Large spills should be absorbed by dirt, sand, or other suitable absorbents for disposal. Do not hose spills down drains. Move leaking containers to well ventilated area. No Smoking. Eliminate any source of ignition. Avoid inhalation.

3. Extinguishing measure:

Use water or dry chemical powder or CO₂.

4. Standard Packaging:

AGRI-KING EX™ is available in bulk and in 20L drums.

SHELF LIFE

4 years from production date.

HEALTH HAZARD

1. Swallowed:

When a person swallows a large quantity of product, give the victim a lot of water and try to get the victim to vomit.

2. Eyes contact:

Gently rinse the effected eyes with clean water.

3. Skin contact:

Rinse with clean water.

4. Inhaled:

When a person in hales a large amount of gas introduced be remove the victim from the contamination to fresh air. Keep the victim warm and quiet.

5. First aid facilities:

None

