



MASL Family Plant Nutrition

Crop-Specific Series

Formulated with targeted nutrients—B Vitamins, Glutathione, Phycocyanin, Polyglutamic Acid, Seaweed Extracts, and other beneficial organic ingredients—
to safeguard crop health and maximize productivity.

摩多生物科技有限公司

Shenyang MASL Biotechnology Co., Ltd



Crop-Specific Series

Field Crop Formula

Leafy Vegetable Formula

Fruit Tree Formula

Root and Tuber Formula

Fruiting Vegetable Formula



Shenyang MASL Biotechnology Co., Ltd



MASL Family Plant Nutrition

Fruiting Vegetable Formula



Shenyang MASL Biotechnology Co., Ltd

Fruiting Vegetable Formula

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Shenyang MASL Biotechnology Co., Ltd

Fruiting Vegetable Formula



Tomato-Swell

Tomato Fruit Expansion Specialty Fertilizer

Technical Specification:

Amino Acids $\geq 100\text{g/L}$, Cu+Fe+Mn+Zn+B+Mo $\geq 20\text{g/L}$

Ingredient	Concentration
Free Amino Acids	100g/L
Ca	5g/L
Fe	5.5g/L
Mn	4g/L
Cu	0.5g/L
Zn	5g/L
Boron	5g/L
Glucosamine	1g/L
Polyglutamic Acid (PGA)	0.5g/L

Benefits:

Specifically developed for the tomato fruit expansion stage. Uses multiple L- α free amino acids as the core nutritional carrier, scientifically balanced with chelated secondary/micronutrients, Glucosamine, and Polyglutamic Acid, building an efficient nutrient supply and absorption system, precisely tailored for tomato expansion stage needs. Polyglutamic Acid and amino acids work synergistically to activate tomato root absorption vitality, accelerate the uptake and transport of various nutrients, cooperating with chelated Iron and Manganese to enhance leaf photosynthetic efficiency, driving the directional conversion of photosynthetic products to fruits. Chelated Calcium can significantly enhance the cell wall toughness of tomato fruit skin, effectively preventing fruit cracking and blossom-end rot caused by calcium deficiency during expansion, while avoiding soft rot issues arising from fragile skin.

Fruiting Vegetable Formula



Glucosamine activates enzyme activity related to fruit cell division and expansion, aiding uniform tomato fruit expansion, reducing malformed fruits, and working with chelated Zinc and Boron to further promote nutrient conversion into sugars, assisting sugar accumulation in fruits. Ultimately results in firm tomato flesh, regular fruit shape, and improves crop quality.

Applicable Crops: Tomato, Fruit vegetables

Application Instructions:

Foliar Spray: Dilute 800-1000 times. Apply at 7-10 day intervals for 2-3 consecutive applications.

Fertigation/Drip Irrigation: 15-30L/ha

Cautions:

1. Avoid mixing with strongly acidic or alkaline fertilizers and pesticides, as this may affect product efficacy. If mixing with other products is intended, conduct a small-scale compatibility test first.
2. Reapplication at a reduced rate may be necessary if rainfall occurs within 4 hours of spraying.

Storage:

1. Store and transport in the original container. Keep sealed in a cool, dry place.
2. Store separately from food, drink, and feed. Keep out of reach of children and livestock.

Production Date and Lot No.: See bottle cap. Shelf Life: 36 months.