



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



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MASL Family Plant Nutrition

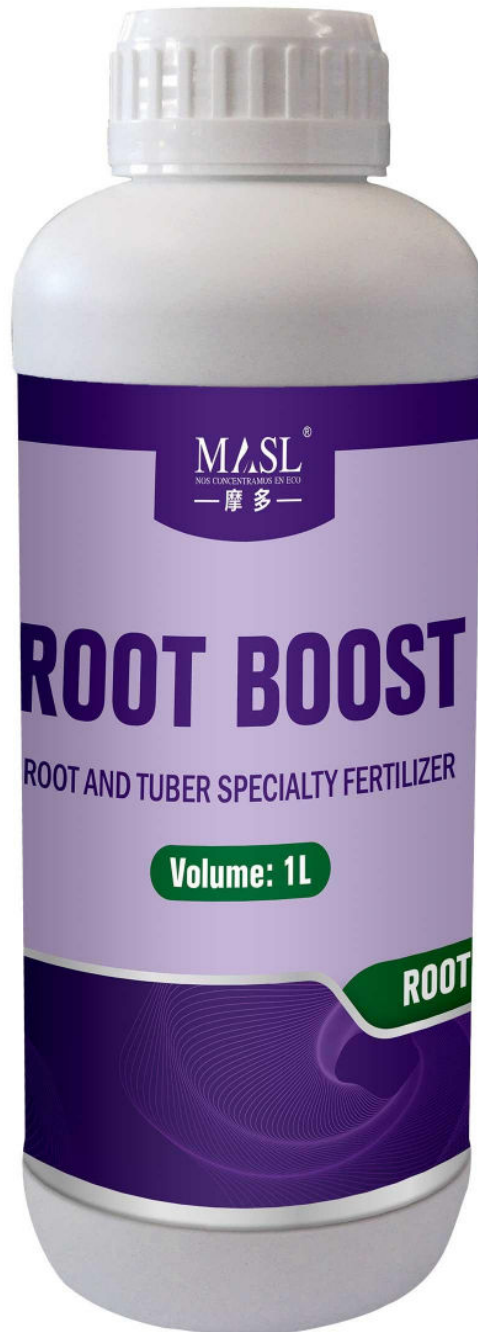
Root and Tuber Formula



Shenyang MASL Biotechnology Co., Ltd

Root and Tuber Formula

MASL[®]
NOS CONCENTRAMOS EN ECO
—摩多—



Shenyang MASL Biotechnology Co., Ltd

Root and Tuber Formula



Root Boost

Root & Tuber Bulking 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
Vitamin B3	0.5g/L
Fish Protein	0.5g/L

Benefits:

Specifically developed for the bulking stage of root and tuber crops. Uses multiple L- α free amino acids as the core carrier, scientifically compounded with EDTA-chelated Calcium, Iron, Manganese, Copper, Zinc, water-soluble Boron, and active ingredients like Vitamin B3 and Fish Protein, precisely tailored for bulking stage needs. Addresses common issues in this stage like slow bulking due to nutrient imbalance, fragile skin leading to cracking, poor soil adaptability, and hindered development under stress. Amino acids activate root vitality, enhance nutrient absorption and transport efficiency, promoting the directional transfer of photosynthetic products to the underground tubers. Chelated Calcium and Fish Protein work synergistically; the former enhances tuber cell wall toughness to prevent cracking, the latter improves soil

Root and Tuber Formula



aggregate structure and promotes beneficial microorganism proliferation, enhancing crop adaptability to different soil environments. Vitamin B3 participates in energy metabolism, promotes cell division and expansion, works with chelated micronutrients to optimize photosynthetic efficiency, and together with Fish Protein, strengthens crop resistance to drought and soil-borne diseases, stabilizing the bulking process. Ultimately achieves uniform and robust tuber enlargement, smooth skin, improved quality, and increased yield.

Applicable Crops: Root and Tuber Crops: Potato, Carrot, Sugar Beet, Cassava, Onion, Garlic, Shallot

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.