



# 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

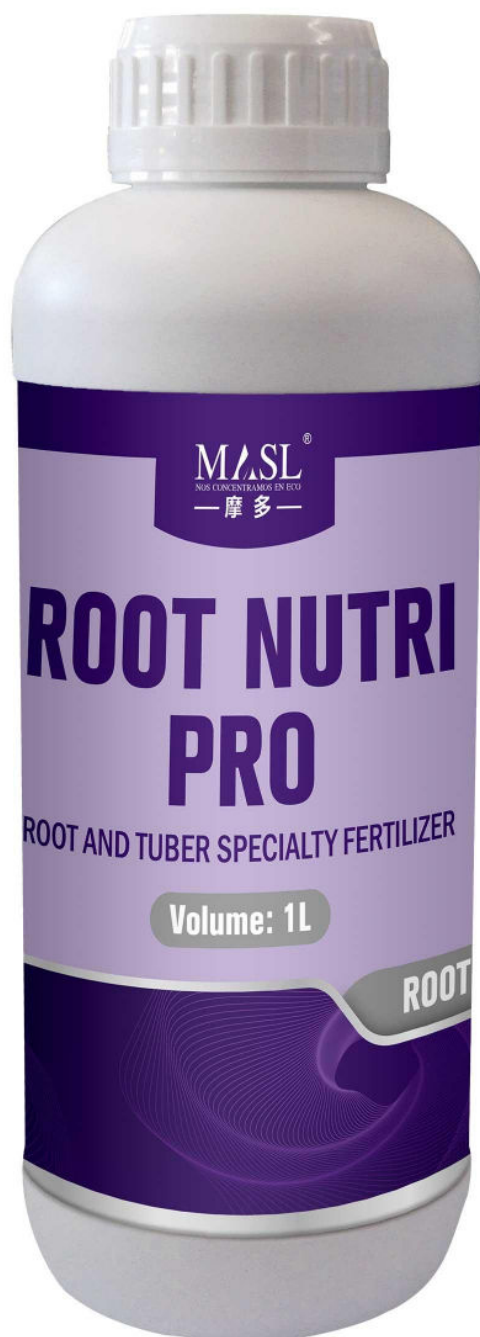
## Root and Tuber Formula



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# Root and Tuber Formula

MASL<sup>®</sup>  
NOS CONCENTRAMOS EN ECO  
—摩多—



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# Root and Tuber Formula



## Root & Tuber 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
Mg	30g/L
Fe	5g/L
Mn	2.5g/L
Cu	2.5g/L
Zn	10g/L
Water-soluble Boron	1g/L
Vitamin B6	0.5g/L
Biological Lactic Acid	2g/L

### Benefits:

Specially developed for the entire growth cycle of root and tuber crops. This highly active water-soluble fertilizer containing amino acids uses multiple L- $\alpha$  free amino acids as the core carrier, scientifically blended with chelated Magnesium, Iron, Manganese, Copper, Zinc, Boron, and active substances like Vitamin B6 and Biological Lactic Acid, deeply meeting the unique needs of underground organ development in these crops. It strongly activates root expansion and nutrient metabolism efficiency through highly bioactive amino acids. Chelated secondary and micronutrients target and optimize leaf photosynthetic efficiency, promoting the efficient transport of assimilates to the underground sink organs. Vitamin B6 and Biological Lactic Acid work synergistically to precisely balance the cytokinin/auxin ratio, activate enzyme activity related to tuber cell division, promote nutrient uptake, strengthen root cell wall structure and antioxidant enzyme activity. This both provides continuous nutritional supply for tuber bulking and enhances crop resistance to soil-borne diseases, reducing the inhibitory effects of stress on tuber

# Root and Tuber Formula



development. Ultimately results in uniform tuber shape, smooth and dense skin, increasing yield and profitability.

**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.