



# 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

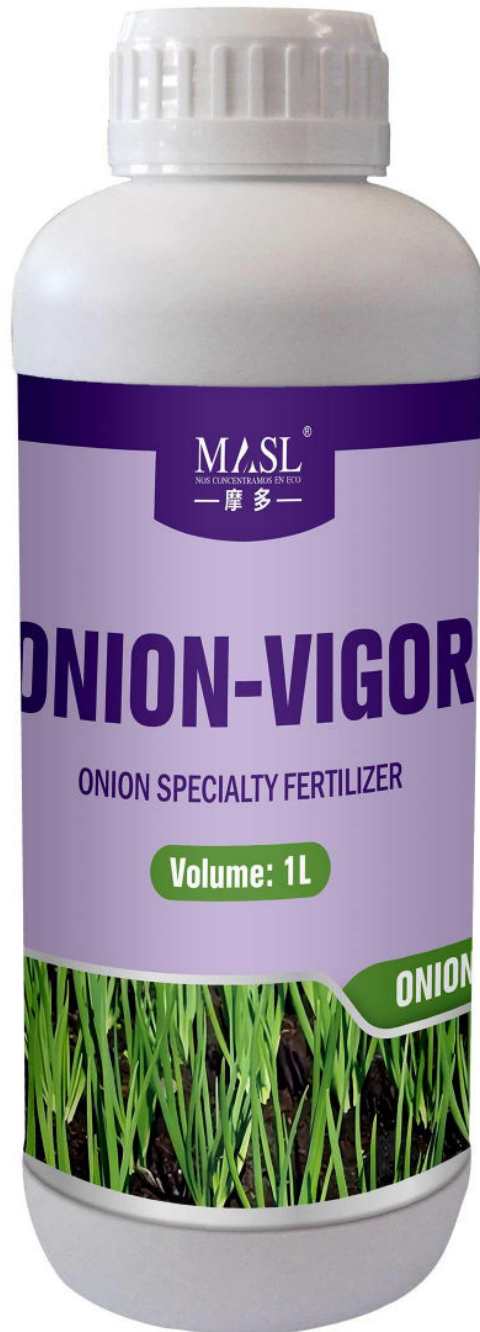
## Root and Tuber Formula



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# Root and Tuber Formula

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# Root and Tuber Formula



## Onion Vigor

### Onion Early Stage Specialty Fertilizer

#### Technical Specification:

Amino Acids  $\geq 100\text{g/L}$ , Ca+Mg  $\geq 30\text{g/L}$

Ingredient	Concentration
Free Amino Acids	100g/L
Mg	30g/L
Zn	2.5g/L
Water-soluble Boron	2.5g/L
Polyglutamic Acid (PGA)	0.2g/L

#### Benefits:

Specifically developed for the early-to-mid stages of onions. Uses high-concentration L- $\alpha$  free amino acids as the core driving carrier, scientifically compounded with chelated Magnesium, Zinc, Boron, and the active factor Polyglutamic Acid, precisely meeting the unique physiological needs of initial bulb differentiation and bulking initiation. Strongly stimulates bulb energy metabolism through highly active free amino acids, driving robust seedling emergence and early rapid formation of the pseudostem. Chelated Zinc and Boron target and improve the efficiency and uniformity of cell division in meristematic tissues, ensuring uniform emergence and efficient construction of the fibrous root network. Chelated Magnesium simultaneously strengthens chlorophyll synthesis capacity and photosynthetic efficiency in tubular leaves, accumulating sufficient assimilates for bulb primordia differentiation. Polyglutamic Acid deeply optimizes the root microenvironment and nutrient absorption efficiency, significantly enhancing the seedling's physiological resilience to low temperature, drought, and soil-borne disease stress, ultimately laying the foundation for uniform bulb primordia differentiation and the formation of full, firm bulbs for high quality and yield.

**Applicable Crops:** Onion, Root and Tuber Crops

#### Application Instructions:

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

# Root and Tuber Formula



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.