



# 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

## Field Crop Formula



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# Field Crop Formula

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



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# Field Crop Formula



## Cotton Vigor Cotton Early Stage Specialty Fertilizer

### Technical Specification:

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

Free Amino Acids	100g/L	Mg:	20g/L	Mn:	2g/L
Zn:	18g/L	Glutathione	0.5g/L	/	/

### Benefits:

Specifically developed for early-to-mid cotton growth needs. Uses highly active L- $\alpha$  free amino acids as the core carrier, synergizing with chelated Magnesium, Manganese, and Zinc to build a precise nutrition system. L- $\alpha$  free amino acids efficiently activate root dehydrogenase activity, accelerate fibrous root proliferation and main root lignification, significantly improving water and mineral nutrient uptake capacity; simultaneously promote stem collenchyma differentiation, building a lodging-resistant framework, providing structural support for flower bud differentiation. Chelated Magnesium, Manganese, and Zinc triple-synergy strongly drives chlorophyll synthesis and photosynthetic enzyme activation, preventing deficiency-induced yellowing, stunting, and photosynthetic decline, ensuring efficient transport of photosynthetic products to new growth points. Specially added Glutathione scavenges free radicals generated by environmental stress during early-to-mid growth stages, protecting cell structure and photosynthetic system stability; simultaneously enhances plant drought and cold resistance, synergistically shaping a stress-resistant plant type with tough stems and thick leaves, reserving foundation for subsequent boll stage energy conversion.

**Applicable Crops:** cotton at early stage

### Application Instructions:

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

**Fertigation/Drip Irrigation:** 15-30L per hectare

### 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.

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