



**multiplex**



# MOLYBDENUM

## AMMONIUM MOLYBDATE

Molybdenum (as Mo) - 52.00%

MICRONUTRIENT FERTILIZER  
FOR FOLIAR SPRAY



*Farmers' first choice since 1974*



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Multiplex Molybdenum 52%, which is also called ultra micronutrient is required to plants in least concentrations, but it plays a specific role as necessary component of more than 40 enzymes, out of which two major enzymes in plants, nitrate reductase and nitrogenase, which are necessary for normal assimilation of Nitrogen in plants.

The availability of molybdenum in plants depends on soil pH, it is the only micronutrient which is more available if soil where pH is higher than 6. Whereas, in acid soils pH is less than 6, Molybdenum is strongly absorbed by Iron and Aluminum oxides and it becomes unavailable to Plants Uptake.

Early application of Multiplex Molybdenum through seed treatment following spraying helps in robust plant growth and development, induces more flowering, increases pollen fertility, and induces resistance against pest and diseases in Cereals, Horticultural, Plantation and floriculture crops.

### DIRECTION FOR USE

**Foliar Spray:** Dissolve 0.5 g in one litre of water and spray on leaves liberally 30 days after germination / transplantation.

**Seed Treatment:** Apply about 10 g per kg of seed. Use Maxiwet as a sticking or spreading agent for better absorption.

### BENEFITS OF MULTIPLEX MOLYBDENUM

- In non-leguminous plants it helps in assimilation of Nitrate to amino acids and proteins.
- Molybdenum is necessary for the process of symbiotic nitrogen fixation by Rhizobia bacteria in legume root nodules.
- Molybdenum helps to synthesis of Ascorbic acid (Vitamin C) especially for citrus and lemon plants.
- In coffee crops Molybdenum plays a significant role in assimilation of Nitrogen resulting in new flush, better berry development and increased yield.
- Helps in the synthesis of sugars, Indole-3-acetic acid and regulates the synthesis of Absciscic acid which controls plants against abiotic stress.
- Improves the yield both by quality and quantity.

**AVAILABLE PACKING:** 100 g



Manufactured by

**KARNATAKA AGRO CHEMICALS**

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