

- Specification Sheet -

Elem-Mo

Elem-Mo is used for the correction of Molybdenum deficiency in all crops. It contains 38.2 % Mo in Sodium Molybdate form ($\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$) and is recommended for foliar and soil applications.

PROPERTIES AND USES:

- It is essential for the nitrogen fixation. Although molybdenum is at a lower content from all the known micronutrients in the soil, it plays a major part in one of the most important functions of the life of the soil, the nitrogen fixation from the atmosphere to the soil. Both free nitrogen fixing soil bacteria (azotobacter) and the symbiotic (azospirillum, rhizobium) can not bind nitrogen without the presence of the molybdenum. Molybdenum is the only micronutrient whose availability increases as the soil pH increases, suggesting the need of an alkaline environment.
- It is involved in the synthesis and action of enzymes that reduce the nitrates inside the plant.
- It interferes in the transport of electrons during metabolism.
- It contributes to the assimilation of the organically fixed phosphorus by the plants.

APPLICATION:

Elem-Mo is applied foliarly, by fertigation and by dipping the seeds.

Application Rate: Generally it is applied at the following application rate.

Foliar application: 50-250 g per ha.

Soil application: 100-200 g per ha.

STANDARD ANALYSIS

Sodium Molybdate

(w/w)

38.2%

PHYSICAL PROPERTIES:

Appearance: White powder

Solubility: 100% water soluble

pH: