

**- Specification Sheet -**

## Dia-Mix

**Dia-MIX** is a mixture of mineral elements-amino acids, which targets in the enhancement of the plants growth, the coverage of plants needs in micronutrients and the correction of micronutrient deficiencies in all crops. Contains 4 % Iron (Fe), 3 % Zinc (Zn), 2 % Manganese (Mn), 1 % Boron (B), 0.5 % Copper (Cu) and 0.04 % Molybdenum (Mo), all derived from complex chelated compounds (chelating agent EDTA) and mineral salts. Furthermore, it is rich in amino acids which increase the penetration of micronutrients in plant cells and organic nitrogen which promotes the overall growth of the plants.

**PROPERTIES AND USES:**

- Quick coverage of the plant nutrition needs in secondary nutrients.
- Increase of the immediately available to the plants nitrogen in their critical growth stages.
- Acceleration of the biochemical processes that take place inside the plants (sugar formation, photosynthesis).
- High absorption of nutrients due to the amino acids contained in the product.
- Enhanced micronutrient uptake by the foliage due to the sticking properties of the product.
- Increase of the soil's capacity to retain nutrients.

**APPLICATION:**

**Dia-MIX** is suitable for foliar sprays and applications by fertigation through the irrigation/fertilization system.

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

*Foliar application:* 0.5-2.5 kg/ha

*Soil application:* 2-10 kg/ha

**STANDARD ANALYSIS**

	(w/w)
Nitrogen (N)	3.57 %
Organic N	3.57 %
Iron (Fe)	4.00 %
Zinc (Zn)	3.01 %
Manganese (Mn)	2.00 %
Boron (B)	1.01 %
Copper (Cu)	0.50 %
Molybdenum (Mo)	0.04 %
Sulphur (S)	0.11 %

Calcium (CaO)	0.12 %
Amino acids	21.00 %

**PHYSICAL PROPERTIES:**

Appearance: Yellow powder  
Solubility: 100% water soluble