

# Micronutrient-Amino acid mixture in water soluble powder form

# Dia-MIX



Suitable for organic crops

3 - 0 - 0+4Fe+3Zn+2Mn+0,5Cu+1B+0,04Mo

**Dia-MIX** is a mixture of mineral elements-amino acids, which targets in the enhancement of the plant growth, the coverage of the plants needs in micronutrients and the correction of micronutrient deficiencies in all crops. It 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. **Dia-MIX** is totally water soluble and is recommended for foliar applications and applications by fertigation.

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

**Foliar application:** Foliar application is recommended for the rapid correction of deficiencies. In case phytotoxicity problems (such as burns) occur in very sensitive crops after the application of the product foliarly, continue with soil applications. As to achieve maximum benefits, foliar applications should start at the beginning of the season when there is sufficient foliage to absorb the spray. In case of severe deficiencies, applications must be repeated every 7-14 days.

**Soil application:** Dissolve in an appropriate amount of water and apply through the irrigation/fertilization system or by a course low pressure sprayer. Apply in the soil near the plants and the tree trunks. Work the product well into the soil after application and water carefully after each application as to enhance nutrient uptake.

TYPICAL ANALYSIS (% w/w)	
Nitrogen (N) .....	3,0
Organic N .....	3,0
Iron (Fe) .....	4,0
Zinc (Zn) .....	3,0
Manganese (Mn) .....	2,0
Boron (B).....	1,0
Copper (Cu) .....	0,5
Molybdenum (Mo) .....	0,04
Aminoacids.....	21,0
pH .....	6,75
Conductivity (mS/cm) .....	16,3
Salinity (ppt) .....	9,6

**APPLICATION RATES:** The following application rates are general. Actual amounts must be determined according to the type and the size of the plant, the degree of the deficiency and the local environmental conditions.

#### Foliar application

**Open field vegetables :** 1 - 1,5 kg/ha.  
**Cereals :** 0,5 - 1 kg/ha. **Vineyards :** 1 - 2 kg/ha. **Fruit trees (apples, pears etc.) :** 1 - 2,5 kg/ha. **Bushes (strawberries, blueberries etc.) :** 1 - 2 kg/ha. **Greenhouse vegetables (tomatoes, cucumbers, peppers etc.) :** 1 - 2 kg/ha. **Ornamentals :** 0,5 - 1 kg/ha.

*Note :* Concentration must not exceed 0.1 % w/v.

#### Soil application

**Vegetables :** 5 - 10 kg/ha. **Cereals :** 4 - 6 kg/ha. **Fruit trees & bushes :** 4 - 10 kg/ha. **Ornamentals :** 2 - 10 kg/ha.

Application rates should be judged according to the age of the plant, the variety of the plant, the type of the soil and other local conditions.

**COMPATIBILITY:** **Dia-MIX** can be mixed with most fertilizers and agrochemical products without creating sediment or causing burns. All the water soluble powders must be dissolved in the water before mixing them with **Dia-MIX**. In any case it is recommended to conduct a compatibility test before mixing in the tank.

**PRECAUTIONS:** Harmful if swallowed. Avoid contact with eyes and skin because it causes irritation and possible damage. Wash thoroughly every exposed body part with plenty of water and seek medical advice for the eyes. Use always personal protective equipment (mask, apron, gloves) during application. Wash thoroughly your hands after handling.

**MIX:** It is recommended to dissolve the product in the water before mixing in the tank. Alternatively it is recommended to gradually dilute the product in the tank with constant agitation for easier use and as to avoid the creation of curds. Apply soon after the product's dilution.

**STORAGE:** Store well sealed in its original container. Store in a dry place, out of intense sunlight. Protect it from frost. Keep out of reach of children and pets.

**ANGER**



**Hazard Statements:** H360FD: May damage fertility. May damage the unborn child.

**Precautionary statements:** P201: Obtain special instructions before use. P281: Use personal protective equipment as required. P308+P313: IF exposed or concerned: Get medical advice/attention. P405: Store locked up. P501: Dispose of contents/container to ... in accordance with local/regional/national/international regulation (to be specified).

**Contains:** Disodium Octaborate Tetrahydrate

**FOR PROFESSIONAL USE ONLY**

Produced by



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Net Weight

1 kg  5 kg  25 kg