Mixel

MESO & MICROELEMENTS
Balanced complex of highly available microelements

Provides a balanced mix of highly available microelements

Prevents and counteracts symptoms of latent or evident nutritional deficiencies

Enhances vegetative growth and photosynthetic efficiency

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Characteristics

Mixel is a fertilizer designed to provide a complete and balanced mix of essential micronutrients for plant nutrition: boron (B), copper (Cu), iron (Fe), manganese (Mn), molybdenum (Mo), and zinc (Zn). Thanks to the exclusive **MICRO CHEM®** technology, which uses selected physio-activators, the nutrients are highly available, rapidly absorbed, and translocated within the plant, supporting key physiological processes. Boron promotes pollination, fruit set, and fruit development. Copper, involved in photosynthesis and respiration, contributes to lignification and strengthens cell walls, with additional antioxidant and antimicrobial properties. Iron is essential for photosynthesis and cellular respiration, and being chelated with EDTA, it is in a highly bioavailable form. Manganese stimulates protein and phenolic synthesis by activating many key enzymes. Molybdenum is vital for nitrogen metabolism, favoring nitrate reduction. Zinc regulates shoot growth and development, playing a role in hormone and protein synthesis. These elements work synergistically to prevent and correct nutrient deficiency-related disorders, such as interveinal chlorosis, dwarfism, leaf curling, premature leaf drop, rosetting, short internodes, shoot deformation, apical necrosis, marbling, flower abortion, blossom-end rot, fruit cracking, delayed flowering and growth, nitrate accumulation, and reduced lignification.

Composition

Total Boron (B)	2,0 %	Total Copper (Cu)	1,0 %
Total Manganese (Mn)	5,0 %	Total Zinc (Zn)	5,0 %
Water soluble Iron (Fe)	3,5%	Iron (Fe) chelated with EDTA	3,5 %
Total Molybdenum (Mo)	0,02 %		

Raw materials: boric acid, copper sulphate, EDTA Fe, manganese sulphate, zinc sulphate, ammonium molybdate.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE g/hl*
Fruit trees	From spring awakening to after flowering	100-200
Horticultural crops	Throughout the entire crop cycle	100-200
Ornamentals	Throughout the entire crop cycle	100-200
Industrial crops	Throughout the entire crop cycle	100-200
CROPS	**FERTIGATION APPLICATION**	**DOSE kg/ha***
All crops	Throughout the entire crop cycle	1,5-4

*The doses are indicative and should be adjusted based on the characteristics of the area and the specific needs of each crop.

Formulation	Packaging	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble powder	1-5-10 kg	~ 3,6	~ 43,8 dS/m

Warnings

When used in mixtures with other products, preliminary testing of miscibility and compatibility on a limited number of plants is recommended. Avoid mixing with strongly alkaline products. For correct use, pour directly into the tank with the agitator on to ensure proper mixing.

Technical Notes

FOLIAR APPLICATION

FERTIGATION APPLICATION

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