

MIXED MICROELEMENTS

Prevention of microelements deficiency



- High nutritional efficiency thanks to the specific frame of the chelating agent
- Excellent stability of the chelating agents to pH variations (high protection of micronutrients)
- High solubility and wide compatibility when mixed with other products

CHARACTERISTICS & RESULTS

MIXED MICROELEMENTS is composed by two specific formulations rich in chelated microelements, quickly absorbed by plants and specially designed to prevent micronutrients deficiencies.

AGRUMIN is used to prevent and correct Zinc and Manganese deficiencies. If applied in pre flowering, it allows to improve the quality and the yield of the harvest.

OLIGOMIX is a blend of chelated microelements. It contains high quantity of chelated Iron in two different forms. The wide range of chemical elements contained in the product allows to intensify all metabolic processes of crops.

APPLICATION RATE

Products	Foliar spray (kg/ha)	Drip irrigation (kg/ha)	N° of applications	Timing of applications
AGRUMIN	1 - 2	4 - 8	1 - 3	after transplanting; during vegetative development
OLIGOMIX	1 - 2	4 - 8	1 - 3	after transplanting; during vegetative development

For cereal crops, it is suggested to apply **OLIGOMIX** with Plant Protection Products (1 application - foliar spray).

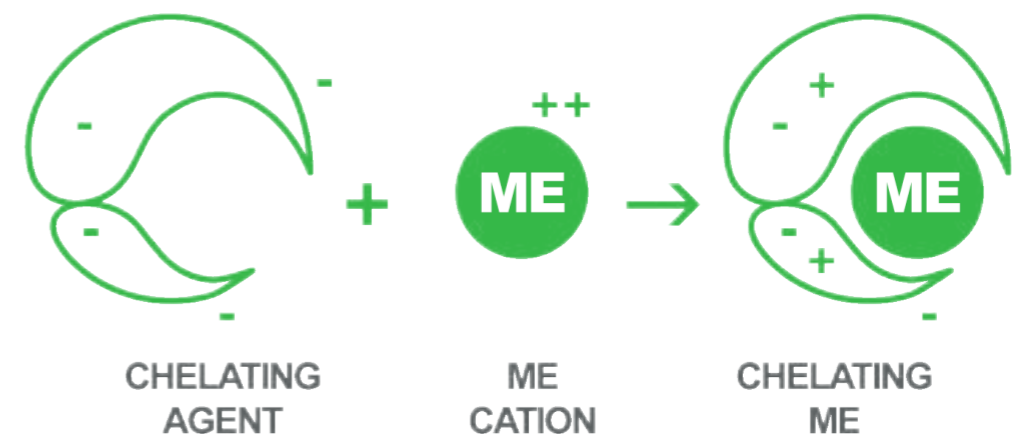


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Agrium and Oligomix



Mechanism of chelation by a ME cation



ME cation (ME²⁺) binds to a chelating compound by strong bonds

COMPOSITION (% w/w)	AGRUMIN	OLIGOMIX
Boron (B) water soluble	0,2	1,2
Copper (Cu) water soluble, chelated by EDTA	0,6	0,1
Iron (Fe) water soluble	2,0	4,0
- Iron (Fe) water soluble, chelated by DTPA	-	2,5
- Iron (Fe) water soluble, chelated by EDTA	2,0	1,5
Manganese (Mn) water soluble, chelated by EDTA	5,0	1,5
Molybdenum (Mo) water soluble	0,5	0,1
Zinc (Zn) water soluble, chelated by EDTA	4,0	2,0
Magnesium oxide (MgO) water soluble	4,0	4,0
Sulphur trioxide (SO ₃) water soluble	8,0	8,0
pH at 20 °C at 1% solution	6,0÷7,0	5,5÷7,5
Solubility (g/L at 20 °C)	140÷160	200÷220
Packaging	1kg (1kgX16)	

Copper (Cu), Iron (Fe), Manganese (Mn) and Zinc chelated with EDTA and Iron (Fe) chelated with DTPA are stable in the pH range from 4 to 8.

