

WUXAL® Combi Mg

BY AGLUKON

The suspension to boost plant growth on soils rich in phosphate and to correct magnesium deficiencies

Description

Wuxal Combi Mg is a highly concentrated N-K-Mg foliar fertilizer for the supplementary nutrition of plants growing on soils with adequate or excessive phosphate supply. The N-K-Mg nutrient combination is suited to such conditions.

Due to its micronutrient content it is suitable to prevent and eliminate deficiencies. This nutrient combination is well suited to counteract the widespread occurrence of magnesium deficiency.

The presence of nitrogen and potassium promote an accelerated nutrient uptake and has a stabilizing effect on plant health.

Key benefits of WUXAL Combi Mg

- high magnesium content for correcting magnesium deficiencies
- high nitrogen and potassium contents as a supplement to soil fertilization
- well-balanced nutrient ratio for soils rich in phosphate
- well-balanced micronutrient supply
- fully chelated cationic micronutrients
- superchelation improves the quality of the spray solution
- excellent crop safety
- nutrients readily available to plants
- can be applied with all usual HV and LV spraying and sprinkling equipment
- compatible with most commonly used pesticides and LV spraying and sprinkling equipment

Contents

NK fertilizer suspension with magnesium 20-0-15-(4 MgO) and micronutrients. For foliar fertilization.

	% w/w		g/l
20	% N	Total nitrogen	300
		4.3 % N nitrate	64
		15.2 % N carbamide	228
15	% K₂O	Potassium	225
4	% MgO	Magnesium	60
0.02	% B	Boron	0.30
0.05	% Cu	Copper	0.75
0.1	% Fe	Iron	1.50
0.05	% Mn	Manganese	0.75
0.001	% Mo	Molybdenum	0.015
0.05	% Zn	Zinc	0.75

The cationic micronutrients (iron, copper, manganese and zinc) are fully chelated (EDTA).

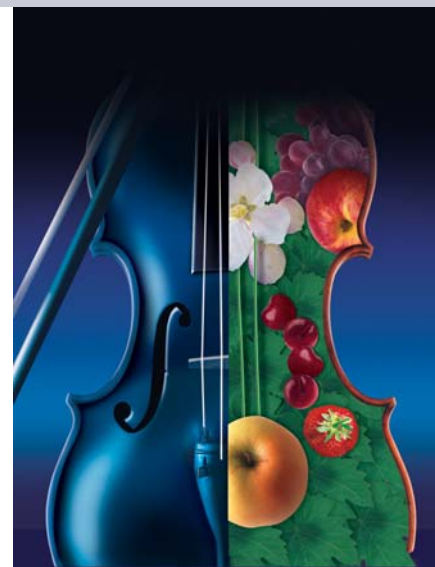
Physicochemical properties

Density:	1.5 g/cm ³
pH-value:	approx. 5.8
Colour:	olive green

Precautions and Liability

When storing the product, temperatures below -5°C (23°F) and above +40°C (104°F) as well as frequent temperature fluctuations should be avoided. Considerable changes in temperature and/or too low temperatures can cause crystallization. The crystals will however easily dissolve again in the spray solution. Prolonged storage may also cause colour change and a reversible phase separation.

Neither crystallization nor colour change will in any way affect the product quality as regards the desired physiological effect. When mixing with pesticides for the first time, test on a small scale before general use.



Well-balanced nutrient ratio with a high concentration of Magnesium

Packaging
12 x 1 l bottle, 5 l or 10 l bucket, 100 l drum

WUXAL Combi Mg

Fields of application and rates of use

Crop	Timing	Rate of use
Cereals	4 x between tillering and ear emergence	3 - 5 l/ha
Sugar beets	3 x between 4-leaf stage and crop cover	5 l/ha
Potatoes	1. application 14 days before flowering 2. application at the beginning of flowering 3. application 14 days after flowering	4 - 5 l/ha
Hops	at each peronospora spray date	0.15 %
Grapes	1. application when starting the peronospora sprays 5 x every 10 - 14 days with pesticide sprays	5 l/ha
Apples	In addition to each pesticide spray between pink bud stage and petal fall. Then use 3 - 5 l/ha WUXAL Calcium at fortnight intervals.	3 - 5 l/ha
Strawberries	3 applications before flowering	0.3 - 0.5 %
Oilseed rape	3 applications: 1. late rosette stage 2. during stem elongation 3. shortly before flowering	3 - 5 l/ha
Tobacco	2 applications 1. During the early growth period up to tobacco knee-high (approx. 4 weeks after transplanting) 2. During main vegetative growth until early bloom	3-5 l/ha
Tee	2-3 times during rapid growth of flush	3-5 l/ha
Vegetables	During the vegetation period	3 x 3-5 l/ha
Maize	5- and 10- leaf stage	5 l/ha
Chilli	3 weeks after planting; repeat after 10-14 days:	3-5 l/ha