

WUXAL® K40

BY AGLUKON

The special suspension for optimising the micronutrient supply to all crops

Description

Wuxal K 40 is a highly concentrated potassium foliar fertilizer for the supplementary nutrition of plants in order to improve the quality of fruits, vegetables and grapes such as fruit size, sugar content, aroma, fruit surface colour or brix values in grapes. Low supply to fruits does often occur in light and heavy, K-fixating soils as well during dry conditions.

Due to its micronutrient content it is suitable to prevent and eliminate deficiencies.

The particular nutrient relationship has a stabilizing effect on plant health.

Key benefits of WUXAL K40

- extremely high potassium content improves inner and outer quality of specialty crops with high K-requirements
- particularly indicated for sandy and K-fixating soils as well as during dry spells
- improves disease resistance
- improves resistance of flowers to frost
- well-balanced micronutrient supply
- fully chelated cationic micronutrients
- nutrients readily available to plants
- superchelation improves the quality of the spray solution
- no powder - fluid product
- easy to handle
- excellent crop safety
- optimal wetting and rainfastness
- can be applied with all usual HV and LV spraying and sprinkling equipment
- compatible with most commonly used pesticides

Contents

K fertilizer suspension 3-25-2 MgO and micronutrients. For foliar fertilization.

	% w/w		g/l
3	% N	Total nitrogen	47
25.5	% K₂O	Potassium	400
2	% MgO	Magnesium	31
10	% SO₃	Sulphur trioxide	157
0.02	% B	Boron	0.31
0.05	% Cu	Copper	0.78
0.1	% Fe	Iron	1.57
0.05	% Mn	Manganese	0.78
0.001	% Mo	Molybdenum	0.016
0.05	% Zn	Zinc	0.78

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

Physicochemical properties

Density:	1.57 g/cm ³
pH-value:	approx. 7.0
Colour:	green

Precautions and Liability

When storing the product, temperatures below +5°C (41°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.



Extremely high potassium content

Higher brix degrees

Packaging

10 l bucket, 100 l drum

WUXAL K40

Fields of application and rates of use

Crop	Timing	Rates of use
Grapes	3 x between berry closure and begin ripening for improved brix values	5 l/ha
Apples, Pears	1st Before flowering (1 - 2 x) 2nd Midseason until 1 week before harvest (3 - 4 x) Do not use in cultivars sensitive to bitter pit	3 - 5 l/ha 3 - 5 l/ha
Strawberries	3 - 4 applications with fungicide treatments	3 - 5 l/ha
Olives	2 - 3 applications during fruit maturation	5 l/ha
Cotton	Start after begin of flowering repeat 2-3 x every two weeks (improved cotton quality)	5 l/ha
Sugar beets	3 x between 4-leaf stage and crop cover	3 - 5 l/ha
Potatoes	3 x during the vegetation period until bud formation	3 - 5 l/ha
Vegetables	During the vegetation period	3-4 x 5 l/ha
Bananas	During fruit development	2-3X 5 l/ha