

SUSPENSION FERTILIZER

WUXAL[®] K40

BY AGLUKON

The special suspension for optimising the Potassium and 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 certain specific quality characteristics of fruits, vegetables and grapes such as fruit size, sugar content, aroma, fruit surface colour or brix values in grapes. Low supply to fruits often occurs in light and heavy, K-fixating soils as well during dry conditions.

Due to its micronutrient content, WUXAL K40 is suitable for the prevention and elimination of trace element deficiencies.

This 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 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	% K ₂ O	Potassium	400
21.2	% K	Potassium	332
2	% MgO	Magnesium	31
1.2	% Mg	Magnesium	19
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/cm³

pH-value: approx. 7.0

Colour: 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.



Extremely high potassium content

Higher brix degrees

WUXAL K40

Fields of application and rates of use

Crop	No. and Timing of Applications	Rates of use
Grapes	3 applications between berry closure and beginning of 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 in conjunction with fungicide treatments	3 - 5 l/ha
Kiwifruit	3 - 4 Applications in 14 day intervals at fruit expansion	5 L/ha
Olives	2 - 3 applications during fruit maturation	5 l/ha
Vegetables	4 applications during the vegetative stage	3 - 5 l/ha
Cotton	Start after beginning 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 vegetative period until flower bud formation	3 - 5 l/ha
Turf Greens	Minimum of 3 applications at 7-10 day intervals starting in the early Autumn. (For the prevention of Potassium deficiency and the hardening up of Turf prior to Winter.)	5 l/ha