



WUXAL® Calcium

Suspension Fertiliser

Safe and highly effective calcium supply plus foliar nutrition to fruit and vegetables.

Description

WUXAL Calcium is a formulation with a very high calcium content. It is used for crop-specific foliar nutrition to prevent or eliminate general calcium deficiencies or physiologically implied calcium deficiencies of fruit and vegetables.

In addition to the high calcium content, WUXAL Calcium contains nitrogen, magnesium and all the micronutrients required to achieve optimal plant growth, increased yield and improved quality.

Key benefits & features

- ▶ especially developed for foliar nutrition
- ▶ calcium supply with nitrogen, magnesium and a high micronutrient content
- ▶ significantly higher calcium efficiency than traditional calcium salt sprays
- ▶ high crop safety
- ▶ has none of the disadvantages of common calcium sprays such as phytotoxicity at certain stages of growth, temperatures, or unsatisfactory compatibility with pesticides
- ▶ bio-effective additives for weather-independent uptake of calcium and all other nutrients
- ▶ fully chelated cationic micronutrients for excellent absorption and translocation in the plants
- ▶ can be applied with all usual HV and LV spraying equipment (LV: up to 5 % of concentration)
- ▶ compatible with most commonly used pesticides

Contents

Calcium nitrate-suspension with magnesium and micronutrients.

% w/w			g/l
10	N	Nitrogen	160
10.6	Ca	Calcium	240
1.2	Mg	Magnesium	19
0.05	B	Boron	0.8
0.04	Cu	Copper	0.64
0.05	Fe	Iron	0.8
0.1	Mn	Manganese	1.6
0.001	Mo	Molybdenum	0.016
0.02	Zn	Zinc	0.32

All nutrients are water soluble and the cationic micronutrients (iron, copper, manganese and zinc) are fully chelated by EDTA.

Physical / chemical properties

Density: 1.6 g/cm³
 pH value: 5.0
 Colour: olive green

Distributor:



Horticulture - 0800 855 255
 TasmanCrop - 0800 855 255
 HortFertplus - 0800 273 748

Producer:



AGLUKON Spezialdünger GmbH & Co. KG
 Heerdter Landstraße 199 · D-40549 Düsseldorf



Fields of application and rates of use

Crop	Timing	Rate of use
Apples	regularly from early fruitlet stage (I) onwards until shortly before harvest with a <u>minimum</u> of 6 applications	3-6 L/ha
Low susceptibility to bitter pit		3-4 L/ha
High susceptibility to bitter pit		6 L/ha
Strawberries	in conjunction with the last 2 - 3 fungicide sprays	5 L/ha
Tomatoes / Peppers	repeated applications at 7 - 10 day intervals starting approx. 10 days after fruit set	
Field crops		3-6 L/ha
Protected cultivation		0.1-0.5%
Cucumber / Melons	start applications early after fruit set and repeat at fortnight intervals until approx. one week before harvest	0.3-0.5%
Head lettuce, Chinese Cabbage, Cauliflower	start shortly before head formation	0.3-0.5%
Celery	start approx. 5 - 7 weeks before harvest properly wetting the heart of the plant	0.3-0.5%
Endive	start approx. 10 - 14 days after planting	0.3-0.5%
Sweet cherry	3 - 4 pre-harvest applications at 2-week-intervals starting approx. 6 - 8 weeks before harvest	5-6 L/ha at 1,500L spray solution/ha
Viticulture	<ul style="list-style-type: none"> • in periodical admixture to pesticide sprays beginning after blossom • from the beginning of berry softening onwards repeated at 14-day intervals 	5 L/ha 5 L/ha
Peaches, Nectarine	4-6 applications: 1 st application from fruit set 2 nd application 2 weeks later 3 rd - 6 th application when fruits have reached walnut size at 14-day intervals	5 L/ha
Potatoes	starting at tuber initiation and repeating in 10-14 day intervals	5 L/ha

Please note: 0.01% = 0.1 mL/L 0.1% = 1.0 mL/L

Precautions and liability:

When mixing with pesticides for the first time, test on a small scale before general use. When storing the product, temperatures below +5°C and above +40°C as well as frequent temperature fluctuations should be avoided. Considerable changes in temperature and/or too low temperatures can cause crystallisation. The crystals will however easily dissolve again in the spray solution. Prolonged storage may also cause colour change and a reversible phase separation. Neither crystallisation nor colour change will in any way affect the product quality as regards the desired physiological effect.

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