



WUXAL® Boron

Suspension Fertiliser

The highly concentrated foliar fertiliser to overcome boron deficiency in a quick and safe way.

Description

WUXAL Boron is a special boron based suspension for foliar fertilisation which guarantees an extremely efficient uptake of boron into the leaf and blossom tissue.

WUXAL Boron is more than just a boron-fertiliser. It has a stimulating effect upon plants under physiological stress in their early growth and is very compatible with many pesticides. Result: More yield, better quality.

WUXAL Boron buffers the pH-value of the spray solution to a level which is physiologically well acceptable to plants. WUXAL Boron is especially recommended for fruit crops, viticulture, vegetables and arable crops in which a deficiency of boron very often occurs together with "hidden" deficiencies of other micronutrients.

WUXAL Boron reduces russetting in sensitive varieties of pome fruit and at the same time supports the cell division rate by its high P- and N- content. Result: optimum fruit growth.

WUXAL Boron includes special additives that guarantee good rainfastness and excellent adhesiveness even under contrary climatic conditions.

Contents

NP fertiliser suspension with boron and micronutrients.

% w/w			g/l
8	N	Total Nitrogen	111
4.3	P	Phosphorus	60
7	B	Boron	96
0.05	Cu	Copper	0.69
0.1	Fe	Iron	1.38
0.05	Mn	Manganese	0.69
0.001	Mo	Molybdenum	0.013
0.05	Zn	Zinc	0.69

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

Key benefits & features

- ▶ highly efficient and easy to handle
- ▶ significantly higher boron efficiency due to the penetrant effect of nitrogen and phosphorus
- ▶ excellent buffering of the spray solution (pH 6.5) thus very compatible with many pesticides
- ▶ may partly substitute oil
- ▶ improves resistance to drought stress of young arable crop plants (e. g. 6 - 10 leaf stage)
- ▶ guarantees phosphate supply via the leaf under unfavorable conditions such as cold spring, drought periods etc.

Physical / chemical properties

Density: 1.38 g/cm³
 pH value: 6.8
 Color: green blue

Distributor:



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

Producer:





Fields of application and rates of use

Crop	Timing	Rate of use
Sugar beet	Against heart and dry rot, for higher sugar yield 2 applications: • 4 - 6 leaf stage • shortly before crop cover	2-5 L/ha
Oilseed rape	Unsatisfactory pod and seed setting, for higher oil yield 2 applications: • extension growth • budding until start of flowering • in case of only one application	2.5 L/ha 5 L/ha
Maize	Additional cob yield, better quality 1 - 2 applications: • early growth, 4 - 5 leaf stage • start of stem elongation; 7 - 9 leaf stage	2-3 L/ha
Pip fruit	Blossom quality and softer skin 3 applications: • flowering • cell division phase • post harvest	1-2 L/ha
Avocado and Stone fruit	Fruit setting, blossom strengthening 2 applications: • start of full bloom • post harvest	2-3 L/ha
Viticulture	Blossom drop (coulture) 2 applications: • before blossom • end of flowering	2-3 L/ha
Field vegetables (esp. cabbage, carrots, celery, beans, peas, radish, lettuce)	High quality and benefit 2 - 3 applications: • generally 2 - 3 weeks after planting or emergence, repeat in 8 - 10 day intervals • cabbage: 4 - 6 leaf stage, start of head formation	2-3 L/ha
Olive	High quality and yield increase 1 - 2 applications: • 2 - 4 weeks before flowering	2-3 L/ha
Citrus	High quality and yield increase 1 application: • before flowering	0.1-0.2%

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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