



WUXAL® Aminocal

Biostimulant

Liquid, highly concentrated special calcium formulation to ensure optimum calcium supply to foliage and fruit.

Description

Wuxal Aminocal is a new calcium formulation containing a natural polypeptide additive including manganese and zinc.

Wuxal Aminocal is free of mineral nitrogen and therefore excludes the late promotion of shoot growth, especially in varieties subject to high vigour.

The peptide additive, which is adjusted to medium molecular weight, leads to an evident reduction of surface tension and promotes adhesiveness. Medium-chained peptides are slowly absorbed by the leaves and the fruits. The pH-value of Wuxal Aminocal is about 4.0. Result: Excellent calcium supply even through the skin of older fruits. As in nature, zinc and manganese are able to form protein-complexes with the polypeptides and facilitate the absorption of calcium. Furthermore, fruit colour is promoted.

Contents

Calcium chloride solution containing manganese and zinc. For foliar fertilisation.

% w/w		g/l	
10.7	Ca	Calcium	144.7
0.5	Mn	Manganese	6.7
0.5	Zn	Zinc	6.7

Additionally, Wuxal Aminocal contains a highly concentrated polypeptide/aminoacid additive.

Physical / chemical properties

Density: 1.35 g/cm³
pH value: 4.0
Colour: light brown

Key benefits & features

- ▶ highly concentrated liquid calcium formulation
- ▶ excellent spray coverage of fruits and leaves
- ▶ very good adhesiveness, only minimum leaching losses
- ▶ free of mineral nitrogen
- ▶ optimal pH-value (approx. 4.0)
- ▶ increased bio-availability of calcium, manganese and zinc (natural polypeptide complexes)
- ▶ promotion of fruit color

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*	3 - 4 x starting 3 - 5 weeks before harvest	5-8 L/ha
Strawberries	2 - 3 x joint application with botrytis treatments	5 L/ha
Table grapes	repeatedly to improve resistance against berry splitting	5 L/ha
Grapevine	3 x in joint application with fungicide sprays between fruit and veraison	5 L/ha
Vegetables		
Open field	according to variety's demand	5 L/ha
Protected cultivation	according to variety's demand	0.2-0.25%
Tomatoes / Peppers	3 - 5 x starting after first flowering repeat in 7 - 10 day intervals	5 L/ha
Lettuce	start 2 - 3 weeks after planting repeat in 7 - 10 day intervals (reduction of tip-burn incidence)	5 L/ha
Brassicas (cabbage, cauliflower)	start early before head formation repeat in 7 - 10 day intervals (reduction of internal browning)	5 L/ha
Kiwifruit	3 x during fruit enlargement in order to increase calcium fruit content and improve storage quality	5L/ha (water volume 1,500L/ha)

***Comment:**

5-8l/ha in approx. 500l water/ha. Begin applications 3-5 weeks before expected harvest at intervals of at least 8 days. The frequency of application depends on bitter pit sensitivity and bitter pit risk (fruit load, fruit size etc.). Last application should be conducted shortly before harvest.

For early calcium applications we recommend the highly compatible suspension Wuxal Calcium, which also decreases russetting.

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 0°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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