WUXAL® Amino

Biostimulant

Liquid organic biostimulant for revitalisation of plants suffering from stress as well as for maintenance and improvement of pesticide efficacy.

Description

WUXAL Amino is a liquid organic biostimulant for the quick revitalisation of plants suffering from stress. WUXAL Amino is an organic biostimulant and contains 9 % organically fixed nitrogen, which is completely available to plants. WUXAL Amino contains amino acids (648 g/l) as well as polypeptides.

Because of its extremely high adhesive as well as surfactant capacity, WUXAL Amino is able to stabilise or even increase the efficacy of pesticides.

WUXAL Amino mainly contains proline, alanine, glycine and threonine. In addition, WUXAL Amino contains a variety of different amino acids.

WUXAL Amino is used preferably for foliar fertilisation, but can be used in fertigation as well.

Contents

Organic nitrogen solution containing peptides and free amino acids.

% w/w			g/l
9.2	N	Total Nitrogen	110
		0.2% ammonium-N	2
		9.0% organic-N	108
54		Total amino acids	648

Physical / chemical properties

Density:	1.2 g/cm³
pH value:	7.0
Colour:	amber

Key benefits & features

- effective for strengthening plants
- pure organic liquid formulation
- 100 % natural product
- produced from regenerative raw materials
- extremely high percentage of amino acids and polypeptides
- toxicologically completely safe
- easy to handle
- activates the metabolism of enzymes
- increases yield and quality of plants especially under stress conditions
- improves fruit set, distribution of fruit size and colour in top fruits
- complexing properties in relation to microelements
- strong adhesive characteristics
- activating power on pesticides and plant growth regulators

CERTIFIED INPUT for ORGANICS bio gro NEW ZEALAND CERT TM

No. 4432

Horticentre Limited
10 Firth Street, Drury,
South Auckland, New Zealand
Bio Gro Licence No: 4432 C01

Distributor:

Horticentre Group

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

Producer:

AGLUKON

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

Fields of application and rates of use

Crop	Timing	Rate of use
Pipfruit	4 applications: • 1st application: green bud • 2nd application: pre-blossom / balloon stage • 3rd application: start of flowering • 4th application: post-harvest	 2 L/ha 3 L/ha 3 L/ha 5 L/ha
Stone fruit	3 applications: • before bloom • petal fall	 3-5 L/ha 5 L/ha
Kiwifruit	4 applications (applications should be repeated at 14 days apart): • 1st application: vegetative bud burst • 2nd application: pre-flowering • 3rd application: post flowering • 4th application: cell division stage	 3-5 L/ha 3-5 L/ha 3-5 L/ha 3-5 L/ha
Sweet cherries	4 applications: • yellowing of fruits • red colouring	 3 L/ha 3 L/ha
Plums	4 applications: • Scharka treatments (plum pox virus) • petal fall and at 30 day-intervals	 5-10 L/ha (1%)
Strawberries	4 applications after planting in joint application with botrytis sprays	3 L/ha
Vegetables	3-4 applications: • 1st application 2 - 3 weeks after planting or emergence resp. • repeat at fortnight intervals	3-5 L/ha
Viticulture	3-4 applications, before and after bloom	3-5 L/ha
Nurseries	applications according to demand at propagation of cuttings	0.25-0.3%
Protected cultivation	3-5 applications during stages of light nutritional demand	0.2-0.25%
Sugarbeet	3 applications, in joint application with post emergence herbicides	2-3 L/ha
Potatoes	3 applications, in joint application with post emergence herbicides	2-3 L/ha
Cereals	2-3 applications, in joint application with fungicides	2-3 L/ha

Fertigation
Application at 20 - 30 day intervals or according to demand of the crop. It is generally recommended to apply the product at start of vegetative growth in order to promote root development. At the same time, root absorption of nutrient elements is promoted.

Fruit trees	6 - 8 L/ha
Vegetable crops	8 - 10 L/ha
Strawberries	8 - 10 L/ ha
Ornamentals	90 -100 mL / 100 m²

Rinse well fertigation plant with clear water after application!

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. Keep the product in the original container till application.

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