

WUXAL[®] Zinc

BY AGLUKON

The new zinc complex for the prevention and control of zinc deficiency and leaf fall in viticulture and pome fruits.

Description

Wuxal Zinc is a newly developed zinc complex for the prevention and control of zinc deficiency in horticultural and arable crops. It is formulated as a crystal suspension concentrate and is particularly suited for foliar nutrition. The fluid suspension makes handling much easier in comparison to standard synthetic-organic metal-chelates in powder formulation.

Wuxal Zinc ensures a rapid absorption by the foliage (starter effect) as well as a durative effect due to its outstanding adhesive properties.

Wuxal Zinc is very safe in comparison to conventional amino-polycarboxylate-chelates. Furthermore, zinc losses by leaching are dramatically reduced because it adheres extraordinarily well on the foliage. These properties make the use of Wuxal Zinc much more economical than other conventional zinc chelates or salts.

Environmental properties

Wuxal Zinc is completely non-hazardous to the environment and fully biodegradable.

Key benefits of WUXAL Zinc

- innovative new zinc complex
- safe: non-burning
- particularly suited for foliar application
- highly efficient
- easy handling
- extraordinary adhesiveness and rainfastness
- improved adhesion and retention on the leaves compared with zinc sulphate salt
- fully biodegradable

Contents

Zinc fertilizer suspension. For foliar fertilization.

	% w/w	g/l
6	% Zn Zinc watersoluble	86
5	% N Nitrogen	70
Complexed Zinc		

Physicochemical properties

Density:	1.4 g/cm ³
pH-value:	approx. 6.3
Colour:	dark green

Precautions and Liability

When storing the product, temperatures below 0°C (32°F) and above +30°C (86°F) as well as frequent temperature fluctuations should be avoided. Keep the product in the original container till application.

When mixing with pesticides for the first time, test on a small scale before general use.



Efficient zinc foliar uptake

Extremely safe

Packaging
10 l bucket

Fields of application and rates of use

Crop	No. and Timing of Application	Rates of use
Kiwifruit	1 application pre-flower	2 l/ha
Pome fruit	after bud burst and before flowering	1-2 l/ha
	post harvest	2 l/ha
Stone fruit (Peach, etc.)	soon after flowering	1-2 l/ha
	2 - 3 weeks after first application	1-2 l/ha
Citrus	after the spring flush is 2/3 expanded; repeat after 14 days	2 l/ha
Cotton	at square initiation	2 l/ha
	before boll setting	2 l/ ha
Rice	at mid-tillering	2 l/ha
	at flower primordia formation	2 l/ha
Soybean	four and six weeks after sowing (preflowering stage)	2 l/ha
Strawberries	at the beginning of the vegetative phase before flowering	1-2 l/ha
Viticulture / Table grapes	at first appearance of chlorosis repeat at fortnight-intervals (not during bloom)	2 l/ha
Coffee	after vegetative first main flowering	1-2 l/ha
	during vegetative flush periods	1-2 l/ha
Vegetables (open field)	2 - 3 times after first symptoms appear	1-2 l/ha
Maize	at the three leaf stage	2 l/ha
	at the five leaf stage	2 l/ha
Winter Cereals	1. autumn/winter treatment	1-2 l/ha
	2. when 1st node becomes detectable	1-2 l/ha
	3. when flag leaf becomes visible	1-2 l/ha
Spring Cereals	1. at the 3-4 leaf stage	1-2 l/ha
	2. at the stage of 2nd node to flag leaf	1-2 l/ha
Oilseed Rape	at any crop stage when deficiency symptoms appear	1-2 l/ha
Peas	at any crop stage when deficiency symptoms appear	1-2 l/ha
Tea	2 times during rapid growth of flush, i.e. young leaves and buds on the upper end.	0.25% Minimum 2,5 l/ha
Ornamentals	at any crop stage when deficiency symptoms appear COMPATIBILITY TEST BEFORE FIRST USE RECOMMENDED	0.1 % - 0.2 % (1 - 2 ml/l)
Nurseries	at any crop stage when deficiency symptoms appear	1-2 l/ha

Application:

Wuxal Zinc is non-corrosive and can be applied by spraying and sprinkling, together with pesticides as well as with drip irrigation/fertigation systems. Do not mix with Wuxal top P or other P-containing products or with acidic materials.