SUSPENSION FERTILIZER

WUXAL® Ferro

BY AGLUKON

The new iron complex for prevention and control of iron deficiency

Description

Wuxal Ferro is a newly developed iron complex for the prevention and control of iron deficiency in horticultural and arable crops. Wuxal Ferro is formulated as a 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 Ferro ensures a rapid absorption by the foliage (starter effect) as well as a durative effect due to its outstanding adhesive properties.
Wuxal Ferro is very safe in comparison to conventional aminopolycarboxylate-chelates. Furthermore, iron losses by leaching are dramatically reduced because Wuxal Ferro adheres extraordinarily well on the foliage. These properties make the use of Wuxal Ferro much more economical than other conventional iron chelates or salts.
Wuxal Ferro is highly resistant to high pH-values of spray and soil solutions (up to pH 9).

Key benefits of WUXAL Ferro

- The new standard in the control of iron chlorosis
- Innovative new iron complex
- Safe: non-burning
- Particularly suited for foliar application
- Highly efficient
- Easy handling
- Extraordinary adhesiveness and rainfastness
- Fully bio-degradable
- Not sensitive to light
- Non-corrosive

Contents

Iron fertilizer solution

% w/w			g/l
5	% Fe	Iron watersoluble	70
5	% N	Nitrogen	70

Additionally, Wuxal Ferro contains organic formulation additives.

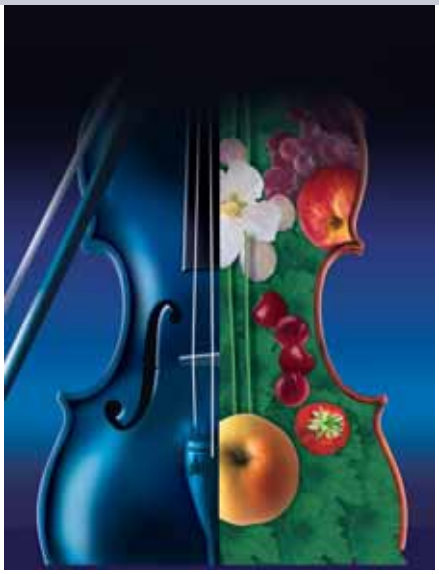
The iron is 100 % complexed.

Physicochemical properties

Density:	1.4 g/cm³
pH-value:	approx. 6.5
Colour:	dark olive 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.



The highly concentrated suspension fertilizer for controlling iron chlorosis.

Non-hazardous to the environment and fully biodegradable.

Packaging
10 l bucket

WUXAL Ferro

Fields of application and rates of use

Crop	No. and Timing of Applications	Rates of use
Pome fruit	before flowering, after June drop **Note:** do not use in cultivars sensitive to russeting	2 l/ha (0.2%)
Stone fruit	soon after flowering 2-3 weeks after first application	2 l/ha 2 l/ha
Strawberries	at start of vegetation before flowering	1-2 l/ha
Viticulture / Table grapes	at first appearance of chlorosis repeat at fortnighty-intervals (not during bloom)	2,5 l/ha
Vegetables (open field)	2-3 times after first appearance of Chlorosis	2-3 l/ha
Arable crops	2-3 times after first appearance of Chlorosis	1-2 l/ha
Ornamentals / Nurseries	substrate application	0,3-0,5 % (3 - 5 ml/l)
Turf / Greens & Tees	Apply as required during spring and autumn depending on local conditions	100 - 150 ml/ 100 m^2 turf; min. 4 l water per 100 m^2

Rates of use for fertigation (outdoor)

Preparation of stock solution: Dissolve 4 l of Wuxal Ferro in 1000 l of water; dilute 1:100 for final concentration. Apply recommended rate in 2 - 4 doses at 10 - 15 day intervals at the early stage of development.

Note: The stability of the chelate may be reduced by high P concentrations in the soil solution.

Iron, a vital element

Iron is a vital element for crops. Its presence is essential for the formation of chlorophyll and therefore for growth and the development of the plant. The characteristic symptom of the deficiency of this element is "iron chlorosis" which is observed particularly in young leaves with a progressive yellowing of the interveinal leaf areas, while the veins remain green.

Iron deficiency

Iron chlorosis is particularly frequent in calcareous soils, where iron, even if present in sufficient amounts, is rendered insoluble by active lime. As a result, iron is no longer taken up by the plant root system.

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