LIQUID FOLIAR FERTILIZER

multimicro fluid

Can be used in organic farming (EC 889/2008 and 2092/91)
according to input list of FiBL Germany (Research institute of agrikulture

The highly concentrated micronutrient liquid fertilizer

Description

multimicro fluid is particularly suitable for foliar fertilization due to its nutrient composition and the special formulation of metallic micronutrients in chelated form.
The chelated micronutrients ensure simple and immediate absorption via the leaves and transport within the plant.
multimicro fluid can also be used for soil application in horticultural crops and viticulture.

Contents

Micronutrient compound fertilizer with B, Cu, Fe, Mn, Mo, Zn and Magnesium. For foliar fertilization.

				g/l
3.4	%	MgO	Magnesium	45.00
5.4	%	S	Sulphur	71.00
0.3	%	B	Boron	3.90
0.5	%	Cu	Copper	6.60
1.1	%	Fe	Iron	14.50
1.5	%	Mn	Manganese	19.70
0.01	%	Mo	Molybdenum	0.13
1.1	%	Zn	Zinc	14.50

The cationic micronutrients complexed with organic acids.

Highly concentrated micronutrient content

Key benefits of multimicro fluid

- nutrients readily available to plants
- high crop safety
- the cationic micronutrients complexed with organic acids
- can be applied with all usual HV and LV spraying and sprinkling equipment
- compatible with most commonly used pesticides
- easy handling

Physicochemical properties

Density: 1.32 g/cm³
pH-value: approx. 0.6
Colour: green

Tha given values are reference values and do not replace the updated specification sheet.

Precautions and Liability

When storing the product, temperatures below -5°C (23°F) and above +40°C (104°F) as well as frequent temperature fluctuations should be avoided. Considerable changes in temperature and/or too low temperatures can cause crystallization. The crystals will however easily dissolve again in the spray solution.
When mixing with pesticides for the first time, test on a small scale before general use.

Packaging

12 x 1 l bottle, 20 l can, 200 l drum

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multimicro fluid

Fields of application and rates of use

Crop	Rate l/ha	Rate in %	No. of applications
Wheat	1 - 3		2
Barley	1 - 3		2
Maize	3		1 - 2
Rice (in nurseries)	1		1 - 2
Paddy rice	1 - 2		1 - 3
Upland rice	1 - 2		1 - 2
Potatoes	1 - 2		2 - 3
Sugar beet	1 - 2		2 - 3
Cotton	1 - 3		2 - 4
Soybean	1 - 2		1 - 4
Rape	1 - 2		2 - 3
Oil palm		0.1 - 0.15	3 - 5
Olive tree (young plantations)		0.1 - 0.15	3 - 5
Olive tree (fullgrown plantations)		0.1 - 0.3	3 - 5
Apples, pears	0.5 - 1		6 - 8
Pineapples	0.5 - 1		3 - 4
Bananas	1 - 2		1 - 3
Viticulture		0.1 - 0.2	3 - 5
Citrus (young plantations)		0.1 - 0.15	3 - 5
Citrus (fullgrown plantations)		0.1 - 0.25	3 - 5
Coffee		0.1 - 0.2	1 - 3
Cocoa	1 - 2.5		1 - 3
Tobacco	1 - 2		1 - 2
Sugar cane		0.2	1 - 2
Rubber (young plantations)		0.1 - 0.2	2 - 3

Crop	Rate in %	No. of applications
Cucumber, melon	0.1 - 0.2	3 - 5
Tomatoes, aubergines	0.1 - 0.2	3 - 5
Paprica, pepper	0.1 - 0.2	3 - 5
Salad, lettuce, spinach	0.1 - 0.2	3 - 5
Cabbage	0.1 - 0.2	3 - 5
Water melon, gourd	0.1 - 0.2	3 - 5
Celery, leeks	0.1 - 0.2	3 - 5
Carrots	0.1 - 0.2	3 - 5
Artichokes	0.1 - 0.2	3 - 5
Beans, peas	0.1 - 0.2	3 - 5
Onions	0.1 - 0.2	3 - 5
Courgettes	0.1 - 0.2	3 - 5
Ornamentals		
• in the open	0.2 - 0.25	weekly
• greenhouse + young plants	0.05 - 0.15	weekly
• young susceptible plants	0.05 - 0.1	weekly
• crops with high nutrient requirements	0.1 - 0.2	weekly

General directions for use

Foliar application of **multimicro fluid** is a good supplement for basic soil dressing since it provides micronutrients which are often not particularly well assimilated because of poor soil and climate conditions. The application rate depends on the development of the plants. For young plants, the lowest concentration recommended should be used. Foliar application can be usefully combined with plant protection products. The spray mixture is prepared as usual and **multimicro fluid** added until the desired concentration is attained. The mixture should then be applied quite rapidly. As some crops are delicate, the phytotoxicity of the mixture should be evaluated before application.

multimicro fluid should best be applied either in the morning or in the evening. Avoid application in full sunlight. The recommen-ded doses are those corresponding to normal use in combination with the required plant-protection treatments.

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