Product information



F3 Surf Active

Foliar Feed

AGROLEAF LIQUID®

Magnesium

Liquid nourishment for magnesium-hungry crops

7	0	0	10
N	P_2O_5	K_2O	MgO

Description

Designed with magnesium nourishment in mind, Agroleaf® Liquid Magnesium is a high-quality liquid foliar fertilizer, formulated for use in all types of crops. Agroleaf® Liquid Magnesium contains the unique F3 SurfActive technology, developed by ICL, which increases the efficiency of each foliar application in three ways, providing better spreading, adhesiveness, and retention. The F3 technology lowers the surface tension of the droplets. Nutrients can then be better spread over the leaves, resulting in a greater covered area and better nutrient uptake. Fewer nutrients will run off or bounce off waxy leaves, giving a better retention of nutrients. And the F3 technology also helps form small nutrient deposits on the leaf surface, which are re-activated after rewetting, preventing evaporation and providing prolonged nutrition for improved foliar application.

Guaranteed analysis

Oxide

N	Total Nitrogen	**7%**
	Nitrate nitrogen ($N\text{-}NO_3$)	7%
P_2O_5	Phosphorus Pentoxide	**0%**
K_2O	Potassium Oxide	**0%**
MgO	Magnesium Oxide	**10%**
	Water soluble (MgO)	10%

Benefits

- Perfect for rectifying and preventing magnesium deficiency
- Suitable for a large range of crops
- • Better spreading, adhesiveness, and retention

Application rates

Crop recommendation	Dosage liter/ha	Water volume liter/ha	Conc (%)	Timing
Vegetables in general	3-6	300-600	1	During the entire crop cycle, 4-5 times

Potato	3-6	250-300	1.2-2	After flowering, 2-3 times
Onion, Garlic	3-6	300-600	1	After 5-6 leaves, 2-3 times
Soft fruits, Orchards, Vineyards	3-6	600-1000	0.5-0.6	From fruit set – harvest, 3-4 times
Cereals	3-6	200-300	1.5-2	2nd internode – flag leaf
Corn	3-6	200-300	1.5-2	At 8-10 leaves
Oil seed rape	3-6	200-300	1.5-2	Spring till flowering

* Use lower dosages in lower volume of water/ha and higher dosages when the water volume is increased. Trail first on a small scale before changing the rate, or any other variables, As circumstances can differ and the application of our products is beyond our control, ICL cannot be held responsible for any adverse results.

How to use

1. If you need more information, please contact your technical support.

Technologies

ICL's F3 SurfActive Technology is a surfactant blend enhancing foliar nutrition efficiency, particularly beneficial when root uptake is compromised. This technology ensures improved nutrient spreading, adhesion, and retention on leaves, reducing runoff and maximizing nutrient availability. It

can even reactivate under high humidity for sustained nourishment, optimizing foliar feeding in diverse crop conditions.

Attention

Trial first on a small scale before changing the rate, application, or any other variables. As circumstances can differ and as the application of our products is beyond our control, ICL cannot be held responsible for any adverse results. Contact your ICL advisor for more detailed advice.

https://icl-growingsolutions.com/agriculture/products/agroleaf-liquid-magnesium-2/

Last updated on: 15/09/2026

ICL Growing Solutions
©2026 ICL. All rights reserved.