

# KELOM Mg Flow



## MAGNESIUM CORRECTOR

### CHARACTERISTICS

**KELOM Mg flow** is a concentrated magnesium fertilizer as a suspension with 30% magnesium.

For the preventive and curative treatment of magnesium deficiencies in agricultural and horticultural crops. Magnesium is the powerhouse behind photosynthesis in plants. Without magnesium, chlorophyll cannot capture sun energy that is needed for photosynthesis to occur. In short, magnesium is required to give leaves their green color. Magnesium in plants is located in the enzymes, in the heart of the chlorophyll molecule.

Magnesium is also used by plants for the metabolism of carbohydrates and in the cell membrane stabilization.

Prevents chlorosis since it stimulates the production of chlorophyll, xanthophyll and carotene

Improved the formation and movement of sugars, standardizing the maturity

Avoids the premature loss of leaves

Improves the absorption and transport of phosphorus

Help the nitrogen metabolism of avoiding excesses of ammonium in the tissues

High penetration

Wide coverage

### COMPOSITION

%w/v

Magnesium (Mg) 30,0  
Density at 20°C: 1,4 g/cc  
pH: 9-10



### APPLICATIONS

Crops	L/Ha	L/100L	Details
Rice and winter cereals	2 - 4	1 - 2	From leaf development until beginning of flowering.
Maize	2 - 4	1 - 2	4-5 leaf stage
Sugar beet	2 - 4	1 - 2	1 application at 4-6 leaf stage onwards.
Oilseed rape	3 - 4	1,5 - 2	1-2 application from 4-6 leaf stage onwards
Horticultural crops	2 - 4	1 - 2	1 application at 4-6 leaf stage
Potato, tomato fields, crops, melon, watermelon	3 - 4	1 - 2	2-3 application during vegetative growth
Grapevine	2 - 4	1 - 2	Application at sprouting, visible bunch and fruit setting
Apple and pear trees	2 - 4	0,2 - 0,4	1-2 application after petals fallen
Fruit trees	2 - 4	0,2 - 0,4	Application fruit setting
Kiwi trees	3 - 4	0,6 - 0,8	Application at leaf development, pre-flowering, fruit development

#### Cautions

For preventive treatment the smaller rates are sufficient. If plants show slight deficiency symptoms, the higher rates should be applied in 3-4 week intervals till the deficiency is cured. Plants suffering from a severe deficiency are weakened and should be treated repeatedly with the lower rate at 2 week intervals. This fertilizer is miscible with virtually all common plant protection agents; it is not miscible with strongly alkaline products or with mineral oils. A simple compatibility test with the intended mixing partners is recommended before practical use.

#### Packing



Aspe

