



BIO

MADE IN GERMANY

**Lebosol**

Product information

# Lebosol<sup>®</sup>-Magnesium 400 SC

Compound liquid inorganic macronutrient fertiliser

Ca-Mg fertiliser in suspension (+1.4, +25)

1.4% Total calcium oxide (25 g/l CaO)

25% Total magnesium oxide (400 g/l MgO)

Neutralisation value = 36

**Crops with nutrient deficiency will be more susceptible against diseases and abiotic stress.**

**Foliar fertilization with macro-and micro-elements will ensure an optimized plant nutrition.**

Crop	Aim/Problem	Recommendation	Time
In all crops	Magnesium nutrition, phosphorus transport, leaf quality, yield, water balance, photosynthesis rate	3 – 5 l/ha (as foliar fertilization in at least 200 l water. Upon application with backpack sprayer 1%)	When required
Cereals	Grain quality, protein content, N efficiency, increase in stress tolerance	1 – 3 times 3 – 5 l/ha	From 3-leaf-stage
Pasture land	N efficiency, increase in stress tolerance, energy content	2 - 4 times 3 - 5 l/ha	During the vegetation period
Potatoes	N efficiency, increase in stress tolerance, skin quality	1 – 3 times 3 – 5 l/ha	From 6-leaf stage
Legumes	Protein content, N efficiency, increase in stress tolerance	1 – 2 times 3 – 5 l/ha	From 6-leaf stage
Maize	Grain quality, energy content, N efficiency, increase in stress tolerance	1 – 2 times 3 – 5 l/ha	From 4-leaf stage

**Lebosol<sup>®</sup> Dünger GmbH**

Wiesengasse 28 • 67471 Elmstein • Germany

Phone: +49 6328 98494-0

info@lebosol.de • www.lebosol.de/en

sustainable plant nutrition



Crop	Aim/Problem	Recommendation	Time
Oilseed rape	N efficiency, increase in stress tolerance	1 – 3 times 3 – 5 l/ha	From 4-leaf stage
Sunflowers	N efficiency, increase in stress tolerance	1 – 2 times 3 – 5 l/ha	From 4-leaf stage
Sugar beet	N efficiency, increase in stress tolerance	1 – 3 times 3 – 5 l/ha	From 6-leaf stage
Strawberries	N efficiency, leaf quality, vitality	2 – 4 times 3 – 5 l/ha	From green buds
Pome fruit	Leaf quality, N efficiency, vitality, to prevent premature leaf drop	2 – 4 times 3 – 5 l/ha	Red buds
Stone fruit	To prevent premature leaf drop; increased vitality, leaf quality, photosynthesis rate	2 – 4 times 3 – 5 l/ha	From fruit set
Soft fruit	To prevent premature leaf drop; increased vitality, leaf quality, photosynthesis rate	2 – 4 times 3 – 5 l/ha	Start of shoot growth
Dessert grapes	Leaf quality, N efficiency, vitality, prevention of berry shrivel	2 – 5 times 3 – 5 l/ha	From the enlargement of the inflorescences
Citrus fruits	N efficiency, leaf quality, vitality	2 – 4 times 3 – 5 l/ha	From white buds
Wine grapes	Leaf quality, N efficiency, vitality, prevention of berry shrivel	2 – 5 times 3 – 5 l/ha	From the enlargement of the inflorescences
Medicinal plants, scented plants and spice plants	Leaf quality, N efficiency, increase in stress tolerance	2 – 3 times 3 – 5 l/ha	Once sufficient leaf mass has developed
General vegetables	Leaf quality, N efficiency, increase in stress tolerance	2 – 4 times 3 – 5 l/ha	Once sufficient leaf mass has developed
Hops	Leaf quality, N efficiency, increase in stress tolerance	2 – 3 times 3 – 5 l/ha	From 0.5 m growth height
Tobacco	Leaf quality, N efficiency, increase in stress tolerance	1 – 3 times 3 – 5 l/ha	From 4-leaf stage
Christmas trees	Leaf quality, N efficiency, vitality, to prevent premature needle drop	2 – 3 times 3 – 5 l/ha	From budding
Ornamental plants	Leaf quality, N efficiency, increase in stress tolerance	2 – 3 times 1 l (per 100 l spray water, 3 – 5 l/ha)	When required
Greens	Leaf quality, N efficiency, increase in stress tolerance	2 – 4 times 3 – 5 l/ha	During the vegetation period
Nuts	N efficiency, leaf quality, vitality	2 – 4 times 3 – 5 l/ha	From fruit set
Cotton	Leaf quality, N efficiency, increase in stress tolerance	1 – 3 times 3 – 5 l/ha	From budding
Rice	Grain quality, N efficiency, increase in stress tolerance	1 – 3 times 3 – 5 l/ha	From 3-leaf-stage

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