



## Product information

MADE IN  
GERMANY

# Lebosol®-Manganese-Nitrate 235

**Straight inorganic micronutrient fertiliser**

**Micronutrient suspension fertiliser**

15% Manganese as water soluble nitrate (235 g/l Mn)

also contains: 7.7% Total Nitrogen as nitric (120 g/l N)

**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	To provide manganese, leaf quality, yield, water balance, photosynthesis rate, reduction in radiation stress (antioxidant).	Numerous applications of 1 – 2 l/ha (in at least 200 l water. Upon application with backpack sprayer 0.25%. Do not use during flowering!)	When required
Cereals	N efficiency, vitality, tillering, stem stability, winter hardiness	2 – 4 times 1 – 2 l/ha	From 3-leaf-stage
Pasture land	N efficiency, vitality, tillering, stem stability, winter hardiness	2 – 5 times 1 l/ha	During the vegetation period
Potatoes	N efficiency, vitality, fast early growth development, skin quality	1 l/ha	As seed dressing
Potatoes	N efficiency, vitality, skin quality	2 – 4 times 2 l/ha	From 6-leaf stage
Legumes	N efficiency, increased vitality (e. g. in cold conditions), protein content	1 – 3 times 1 – 2 l/ha	From 6-leaf stage
Maize	N efficiency, increased vitality (e. g. in cold conditions)	1 – 2 times 1 – 2 l/ha	From 4-leaf stage

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Crop	Aim/Problem	Recommendation	Time
Oilseed rape	N efficiency, vitality, oil yield, winter hardiness	2 – 3 times 1 – 2 l/ha	From 4-leaf stage
Sunflowers	N efficiency, vitality, oil yield	1 – 2 times 1 – 2 l/ha	From 4-leaf stage
Sugar beet	N efficiency, increased vitality (e. g. in cold conditions)	1 – 3 times 1 – 2 l/ha	From 6-leaf stage
Strawberries	N efficiency, vitality, winter hardiness	2 – 4 times 1 l/ha	From green buds
Pome fruit	N efficiency, vitality, fruit colouration	2 – 4 times 1 l/ha	Red buds
Stone fruit	N efficiency, increased vitality (e. g. in cold conditions)	2 – 3 times 1 l/ha	From fruit set
Soft fruit	N efficiency, increased vitality (e. g. in cold conditions)	2 – 3 times 1 l/ha	Start of shoot growth
Dessert grapes	N efficiency, increased vitality (e. g. in cold conditions)	2 – 3 times 1 l/ha	Inflorescences visible
Wine grapes	N efficiency, increased vitality (e. g. in cold conditions)	2 – 3 times 1 l/ha	Inflorescences visible
Medicinal plants, scented plants and spice plants	Leaf quality, N efficiency, increased vitality (e. g. in cold conditions), oil yield	2 – 4 times 1 – 2 l/ha	Once sufficient leaf mass has developed
General vegetables	N efficiency, increased vitality (e. g. in cold conditions)	2 – 4 times 1 l/ha	Once sufficient leaf mass has developed
Hops	N efficiency, vitality, winter hardiness	1 – 4 times 1 – 2 l/ha	From 0.5 m growth height
Tobacco	N efficiency, increased vitality (e. g. in cold conditions)	1 – 3 times 1 l/ha	From 4-leaf stage
Christmas trees	N efficiency, vitality, needle quality, winter hardiness	2 – 3 times 1 l/ha	From budding
Ornamental plants	Leaf quality, vitality	2 times 1 l/ha	Once sufficient leaf mass has developed
Greens	N efficiency, vitality, tillering, stem stability, winter hardiness	2 – 5 times 1 – 2 l/ha	During the vegetation period
Nuts	N efficiency, increased vitality (e. g. in cold conditions), skin quality	2 – 5 times 2 l/ha	From fruit set
Cotton	N efficiency, increased vitality (e. g. in cold conditions), winter hardiness	2 – 3 times 1 l/ha	From 4-leaf stage
Rice	N efficiency, vitality, tillering, stem stability	1 – 3 times 1 – 2 l/ha	From 3-leaf-stage

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