

# Lebosol®-Magphos

**Compound liquid inorganic macronutrient fertiliser  
NP (Mg) fertiliser in solution 3-30 (7)**

3% Total nitrogen as urea nitrogen (45 g/l N); 30% Total phosphorous pentoxide, water soluble (450 g/l P<sub>2</sub>O<sub>5</sub>); 6.8% Magnesium oxide, water soluble (100 g/l MgO)

**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	For phosphorus and magnesium nutrition, phosphorus transport, yield, increased vitality (e. g. in cold conditions), N efficiency, energy balance and photosynthesis rate, root formation	5 – 10 l/ha (as foliar fertilization in at least 200 l water. Upon application with backpack sprayer 1%. <b>Do not use during flowering!</b> )	When required
Cereals	Grain quality, protein content, winter hardiness	1 – 2 times 5 l/ha	From 3-leaf-stage
Pasture land	Stimulation of initial development (in spring), N efficiency, winter hardiness	2 – 5 times 5 – 10 l/ha	During the vegetation period
Potatoes	Tuber set, tuber/skin quality, tuber growth, sorting	2 – 4 times 5 – 10 l/ha	To thicken the stolons
Legumes	Nodulation, quality, protein content	1 – 2 times 5 l/ha	From 6-leaf stage
Maize	Stimulation of early growth Development (particularly in cold, wet conditions), N efficiency, vitality	1 – 2 times 5 l/ha	From 4-leaf stage

Crop	Aim/Problem	Recommendation	Time
Oilseed rape	Stimulation of early growth development (particularly in cold, wet conditions), N efficiency, vitality, oil content	1 – 2 times 5 – 10 l/ha	From 4-leaf stage
Sunflowers	Stimulation of early growth development (particularly in cold, wet conditions), N efficiency, vitality, oil content	1 – 2 times 5 l/ha	From 4-leaf stage
Sugar beet	Stimulation of early growth development (particularly in cold, wet conditions), N efficiency, vitality, sugar formation	1 – 3 times 5 l/ha	From 6-leaf stage
Strawberries	Vitality, fruit firmness, storage and transport stability	2 – 4 times 5 l/ha	From fruit set
Pome fruit	Red top colour, fruit firmness, storage and transport stability	2 times 10 l/ha	4 and 2 weeks before harvesting
Stone fruit	Vitality, fruit firmness, storage and transport stability	2 – 4 times 5 – 10 l/ha	From fruit set
Soft fruit	Vitality, fruit firmness, storage and transport stability	2 – 4 times 5 l/ha	From fruit set
Dessert grapes	Vitality, fruit firmness, storage and transport stability	2 – 4 times 5 – 10 l/ha	From fruit set
Citrus fruits	Vitality, fruit firmness, storage and transport stability	2 – 4 times 5 – 10 l/ha	From fruit set
Wine grapes	Vitality, fruit firmness, storage and transport stability	2 – 4 times 5 – 10 l/ha	From fruit set
Medicinal plants, scented plants and spice plants	Stimulation of early growth development (particularly in cold, wet conditions), N efficiency, vitality, internal quality	2 – 4 times 5 – 10 l/ha	Once sufficient leaf mass has developed
General vegetables	Stimulation of early growth development (particularly in cold, wet conditions), N efficiency, vitality, internal quality	2 – 4 times 5 – 10 l/ha	Once sufficient leaf mass has developed
Hops	Stimulation of early growth development (particularly in cold, wet conditions), N efficiency, internal quality	2 – 4 times 5 – 10 l/ha	From 0.5 m growth height
Tobacco	Stimulation of early growth development (particularly in cold, wet conditions), N efficiency, internal quality	1 – 2 times 5 l/ha	From 4-leaf stage
Christmas trees	N efficiency, vitality	1 – 3 times 5 – 10 l/ha	From budding

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Crop	Aim/Problem	Recommendation	Time
Greens	Stimulation of early growth development (particularly in cold, wet conditions), N efficiency, vitality	2 – 5 times 5 – 10 l/ha	During the vegetation period
Nuts	Vitality, fruit firmness, storage and transport stability	2 – 4 times 5 l/ha	From fruit set
Cotton	Stimulation of early growth development (particularly in cold, wet conditions), N efficiency, fibre stability	2 – 4 times 5 l/ha	From 4-leaf stage
Rice	Protein content and grain quality, N efficiency	1 – 2 times 5 l/ha	From 3-leaf-stage

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