Lebosol **Product information**

MADE IN GERMANY

Lebosol®-Silicon

Compound inorganic micronutrient fertiliser
Mineral micronutirent fertiliser in suspension

0.5% Iron, water soluble, as ammonium salt (7 g/l Fe)
1.5% Water soluble zinc as chelate from EDTA (20 g/l Zn)

Also contains: 1.5% Nitrogen as ammoniacal nitrogen (20 g/l N); 45.3% Silicium trioxide (610 g/l SiO_3)

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	Increase in stress tolerance, yield, water balance, reduction in heat stress, improvement in root activity and nutrient uptake in general, cell wall strength and physical barrier	1 – 5 times 0.5 – 2 l/ha (Upon application with backpack sprayer 0.2 – 0.3 %.)	When required
In all crops	Increase in stress tolerance, yield, water balance, reduction in heat stress, improvement in root activity and nutrient uptake in general, cell wall strength and physical barrier	Fertigation	Ask your consultant
Cereals	Improvement of root system, nutrient uptake and stress tolerance, stem stability	2 – 3 times 0.5 – 1 l/ha	From 3-leaf-stage
Potatoes	Strengthening stress tolerance, improving the root system and	2 – 4 times 0.5 – 1 l/ha	From 6-leaf stage

Lebosol® Dünger GmbH
Wiesengasse 28 • 67471 Elmstein
Telefon: 06328 98494-0
info@lebosol.de • www.lebosol.de

Crop	Aim/Problem	Recommendation	Time
	nutrient uptake, as well as shell quality		
Legumes	Strengthening stress tolerance, improving the root system and nutrient uptake, as well as yield and stem stability	1–2 times 0.5–1 l/ha	From 6-leaf stage
Maize	Strengthening stress tolerance, improving the root system and nutrient uptake, as well as yield and stem stability	1 – 2 times 0.5 – 1 l/ha	From 4-leaf stage
Oilseed rape	Strengthening stress tolerance, improving the root system and nutrient uptake, as well as yield, oil content, stem stability and pod strength	2 – 3 times 0.5 – 1 l/ha	From 4-leaf stage
Sunflowers	Strengthening stress tolerance, improving the root system and nutrient uptake, as well as yield and stem stability	1 – 2 times 0.5 – 1 l/ha	From 4-leaf stage
Sugar beet	Strengthening stress tolerance, improving the root system and nutrient uptake, as well as yield	2 – 3 times 0.5 – 1 l/ha	From 6-leaf stage
Strawberries	Strengthening stress tolerance, improving the root system and nutrient uptake, as well as fruit quality, storage and transport stability	2 – 4 times 0.5 – 1 l/ha	From green buds
Pome fruit	Strengthening stress tolerance, improving nutrient uptake and fruit quality, storage and transport stability	2 – 4 times 0.5 – 1 l/ha	From red buds
Stone fruit	Strengthening stress tolerance, improving nutrient uptake, fruit quality, resistance to lodging, storage and transport stability	2 – 3 times 0.75 – 1 l/ha	From full bloom
Soft fruit	Strengthening stress tolerance, improving nutrient uptake, fruit quality, resistance to lodging, storage and transport stability	2 – 4 times 0.5 – 1.5 l/ha	Start of shoot growth
Dessert grapes	Improvement in stress tolerance, fruit quality, storage and transport stability	2 – 4 times 0.5 – 1 l/ha	From the enlargement of the inflorescences

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Crop	Aim/Problem	Recommendation	Time
Citrus fruits	Improvement in stress tolerance, fruit quality, storage and transport stability	2 – 4 times 0.5 – 1 l/ha	From white buds
Nuts	Improvement in stress tolerance, fruit quality, storage and transport stability	2 – 4 times 0.5 – 1 l/ha	From bud break
Wine grapes	Fruit quality, splitting resistance, storage and transport stability	2 – 4 times 0.5 – 1 l/ha	From the enlargement of the inflorescences
Medicinal plants, scented plants and spice plants	Quality, splitting resistance, storage and transport stability	2 – 4 times 0.5 – 1 l/ha	Once sufficient leaf mass has developed
General vegetables	Strengthening of plant tissue and stress tolerance, improvement of the root system and nutrient uptake, as well as quality and storage stability	2 – 4 times 0.5 – 1 l/ha	Once sufficient leaf mass has developed
Hops	Strengthening stress tolerance, improving the root system and nutrient uptake, as well as vitality and yield	2 – 4 times 0.5 – 1.5 l/ha	From 0.5 m growth height
Tobacco	Improvement of nutrient uptake and stress tolerance	2 – 3 times 0.5 – 1 l/ha	From 4-leaf stage
Christmas trees	Strengthening stress tolerance, improving nutrient uptake and storage and transport stability	2 – 3 times 0.5 – 1 l/ha	From budding
Ornamental plants	Improved nutrient uptake and stress tolerance, stem stability	2 – 4 times 0.5 l/ha (50 ml per 100 l spray water)	Once sufficient leaf mass has developed
Greens	Improved nutrient uptake and stress tolerance, stem stability	2 – 5 times 0.5 – 1 l/ha	During the vegetation period
Cotton	Strengthening stress tolerance, improving the root system and nutrient uptake, as well as fibre stability	2 – 4 times 0.5 – 1 l/ha	From 4-leaf stage
Rice	Strengthening stress tolerance, improving the root system and nutrient uptake, as well as stem stability	2 – 3 times 0.5 – 2 l/ha	From 3-leaf-stage

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