



**Product information**



# VITALoSol<sup>®</sup> GOLD SC

**Straight liquid inorganic macronutrient fertiliser  
S fertiliser in suspension (+36) with micronutrients**

- 36% Total sulphur (570 g/l S)
- 2.4% Total copper as copper oxychloride (40 g/l Cu)
- 9.6% Total manganese as manganese carbonate (150 g/l Mn)

**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	Nutrient supply, N-efficiency, yield and protein content, strengthening of stress tolerance	2 – 5 l/ha (as foliar fertilization in at least 200 l water)	When required
In all crops	Seed dressing	0.1 – 0.3 l/dt	As seed dressing
Cereals	Nutrient supply, protein content, winter hardiness, strengthening of stress resistance	1 – 3 times 2 – 5 l/ha	From 3-leaf-stage
Pasture land	Leaf quality, N efficiency, photosynthesis rate, winter hardiness, energy content	2 – 5 times 2 – 4 l/ha	During the vegetation period
Potatoes	Leaf quality, N-efficiency, shell quality, strengthening of stress tolerance	3– 5 times 2 – 5 l/ha	From 6-leaf stage
Legumes	Leaf quality, N-efficiency, more vitality (e.g. in cold weather), protein content, strengthening of stress tolerance	1 – 2 times 2 – 5 l/ha	From 6-leaf stage

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Crop	Aim/Problem	Recommendation	Time
Maize	N-efficiency, more vitality (e.g. in cold weather), protein content, strengthening of stress tolerance	1 – 2 times 2 – 5 l/ha	From 4-leaf stage
Oilseed rape	N-efficiency, oil content, leaf quality, winter hardiness, strengthening of stress tolerance	2 – 3 times 3 – 5 l/ha	From 4-leaf stage
Sunflowers	N-efficiency, more vitality (e.g. in cold weather), oil content, strengthening of stress resistance.	1 – 2 times 2 – 5 l/ha	From 4-leaf stage
Sugar beet	N efficiency, stimulation of the plant's own defences, revitalisation	2 – 3 times 3 – 5 l/ha	From 6-leaf stage
Strawberries	Revitalisation, photosynthesis rate	2 – 4 times 2 – 5 l/ha	From fruit set
Pome fruit	Revitalisation, photosynthesis rate	2 – 4 times 2 – 5 l/ha	From the end of flowering (only from walnut size for varieties prone to russetting)
Stone fruit	Revitalisation, photosynthesis rate	2 – 4 times 2 – 5 l/ha	From fruit set
Soft fruit	Revitalisation, photosynthesis rate	2 – 4 times 2 – 5 l/ha	From fruit set
Dessert grapes	Revitalisation, photosynthesis rate	2 – 4 times 2 – 5 l/ha	Inflorescences visible
Citrus fruits	Revitalisation, photosynthesis rate	2 – 4 times 2 – 5 l/ha	From fruit set
Wine grapes	Revitalisation, photosynthesis rate	2 – 4 times 3 – 5 l/ha	Inflorescences visible
Medicinal plants, scented plants and spice plants	N-efficiency, more vitality (e.g. in cold weather), oil content or ingredients, strengthening of stress tolerance	2 – 4 times 3 – 5 l/ha	Once sufficient leaf mass has developed
General vegetables	N-efficiency, leaf quality, more vitality (e.g. in cold weather) Strengthening of stress resistance	2 – 4 times 3 – 5 l/ha	Once sufficient leaf mass has developed
Hops	N efficiency, revitalisation, winter hardiness, stimulation of the plant's own defences	2 – 4 times 3 – 5 l/ha	From 0.5 m growth height
Tobacco	N efficiency, stimulation of the plant's own defences, revitalisation	1 – 3 times 3 – 5 l/ha	From 4-leaf stage

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Crop	Aim/Problem	Recommendation	Time
Christmas trees	Needle quality, photosynthesis rate	2 – 3 times 2 – 4 l/ha	From budding
Greens	Leaf quality, N efficiency, photosynthesis rate, winter hardiness	2 – 5 times 2 – 4 l/ha	During the vegetation period
Nuts	Revitalisation, photosynthesis rate	2 – 4 times 3 – 5 l/ha	From fruit set
Cotton	N efficiency, revitalisation, winter hardiness, stimulation of the plant's own defences	2 – 4 times 3 – 5 l/ha	From 4-leaf stage
Rice	Grain quality, N-efficiency, more vitality, strengthening of stress tolerance	1 – 3 times 2 – 5 l/ha	From 3-leaf-stage

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