

BiesterSOL foliar

The water soluble fertilizer for foliar spraying

As a high quality water soluble NPK fertilizer, **BiesterSOL** foliar is made of only the best raw materials of European origin. It is composed with phosphor (P) derived from mono-ammonical and mono-potassium phosphates as well as potassium derived from nitrate. Each composition is enriched with a tailor made chelated trace element mix containing boron, iron, copper and zinc to improve the physical-chemical characteristics. The chelated trace elements present ensure complete prevention of the most common diseases caused by micro nutrient deficiencies or imbalances. **BiesterSOL** foliar is extremely pure and does not contain any harmful substances like chlorine or sodium.

Foliar application for a fast and efficient plant nutrition

BiesterSOL foliar is 100 % water soluble and can be used for all types of foliar spraying. This fertilization method is an extremely effective and highly convenient application method as it ensures an immediate absorption by the foliage and thus a rapid penetration of the entire plant system.

BiesterSOL foliar is offered in a wide range of compositions which provide the correct dosage for each plant development stage from planting until harvesting. It improves the number the fruits in the initial stage and later ensures the high quality of the fruits. Tailor made compositions are available on request. **BiesterSOL** foliar can be applied in all climatic conditions and agricultural cycles, in combination with all common plant protection agents and for different types of plants – from horticulture and fruit farming to floriculture and plant nurseries.

Easy handling and application

Thanks to the use of a unique drying facility during the production process, **BiesterSOL** contains almost no humidity. This assures that the product does not cake, has an extended shelf life and is always free-flowing. These characteristics increase the solubility and facilitate the dosing. **BiesterSOL** is packaged in high-quality aluminium bags with a special durability.

The application of **BiesterSOL** is easy and time saving. The high product quality reduces the risk of leaching as well as of any water eutrophication.



**BiesterSOL is packed
in 25 kg and 10 kg bags
and in 2 kg buckets**

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Composition

	N total	nitr.	amm.	ureic	P P₂O₅	K K₂O
20-20-20	20	5.6	3.9	10.5	20	20
8-5-40	8	7.0	1.0	–	5	40
10-10-40	10	5.0	–	5.0	10	40
15-40-15	15	5.0	10.0	–	40	15
10-50-8	10	–	10.0	–	50	8

Tailor made compositions are available on request.

Trace elements (in percent)

	Fe	B	Mn	Zn	Cu
	Iron chelated EDTA	Boron water soluble	Manganese chelated EDTA	Zinc chelated EDTA	Copper chelated EDTA
All compositions	0.03	0.01	0.02	0.01	0.01

Chemical and physical characteristics

	pH value	Conductivity
	in a solution of 0,1 %	at 24 °C in mS/cm, solution of 0,1 %
20-20-20	5.6	0.95
8-5-40	5.8	1.10
10-10-40	6.2	1.20
15-40-15	6.6	0.90
10-50-8	5.8	1.30

Dosage	g/hl
Citrus	300 - 400
Vine	250 - 300
Apples / pears	250 - 300
Peaches/ apricots	250 - 300
Olives	250 - 300
Kiwis	250 - 300
Strawberries	200 - 300
Vegetables	250 - 300
Ornamental plants	250 - 300

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