

# BeneSOL 4-3-3

## Organic Fertilizer

BeneSOL 4-3-3 is an organic solid fertilizer that can support the plant and lead to a higher yield and a better quality of vegetables, fruits and flowers. Proper fertilization with BeneSOL 4-3-3 prevents deficiency symptoms in crops during the growth period.

The organic fertilizer BeneSOL 4-3-3 induces a better fertility and an enormous increase in organic matter. The release of a diverse pattern of amino acids, fatty acids and humid acids increases the microbial activity. This nurtures a better symbiose between root and soil microbes. As a result of this, important minerals are de-blocked and therefor available for the plant more easily. By means of a gradual release pattern, the plant ingests nutrients when needed. Also, the high availability of trace elements stimulates the plant in every single physiological stage. This can result in a better and more vigorous fertilization, flower set and fruit set! BeneSOL 4-3-3 is certified for organic farming in compliance with EC 834/2007 and EC 889/2008.



### Unique characteristics

- 100% organic and ecological
- Contains all important nutrients and about 62% organic matter
- High in humus
- Improves soil structure and soil life
- Stable Value NPK: 4-3-3 + 1.3 MgO
- With calcium, magnesium and rich in trace elements
- No pathogens, weed seeds, fungi or undesirable bacteria
- Sustained steady release of nutrients
- No burning of roots or leaves thanks to a low ammonia content
- Easily and accurately to spread
- Applicable in all types of soil
- Mineral De-blocking effect

### Product characteristics

Pellet diameter	5 mm	Humic acids	5%
Density	750 kg/m <sup>3</sup>	Fulvic acids	15%
Dry matter	88%	C/N	9
Organic matter	62%	pH	7
Humidity	12%		

### Nutrition values

Nitrogen	(N total)	4,0%
Nitrogen	(N organic)	3,6%
Nitrogen	(N ammonium)	0,4%
Phosphate	(P2O5)	3,0%
Potassium	(K2O)	3,0%
Magnesium	(MgO)	1,3%
Calcium	(CaO)	10,0%
Sulfur	(SO3)	1,5%

### Trace elements

Iron	(Fe)	1000 mg/kg
Manganese	(Mn)	500 mg/kg
Zinc	(Zn)	420 mg/kg
Copper	(Cu)	105 mg/kg
Boron	(B)	50 mg/kg
Molybdenum	(Mo)	11 mg/kg
Cobalt	(Co)	2 mg/kg

### Dosage averages

Arable land vegetables	1.000-1.500 kg /ha*
Trees	3-5 kg/tree*
Horticulture	2.500-3.000 kg /ha*
Garden	1.000-1.500 kg /ha*

\*for a specific crop, please contact us.



# beneficial fertilizers



### Storage

BeneSOL 4-3-3 can be stored for an extended period in a well ventilated place away from moisture.

### Delivery

BeneSOL 4-3-3 can be delivered as:

- Bulk
- In big bags from 500 to 1250 kg
- In plastic 25kg bags

Listed in the Input list  
for organic farming  
in Germany

