

SIFORGA BIO

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ORGANIC NPK FERTILIZERS



The optimal supply of organic nutrients and humus

Siforga BIO is a range of organically enriched fertilizers allowed for biological growing in a very unique granular shape. They are nice in smell, dust free and easy to apply. These 100% organic fertilizers are excellent for precision fertilization of various crops such as vegetables, fruit, strawberries, wine, potatoes and herbs.

Raw materials for the **Siforga BIO** fertilizers are of 100% natural origin such as vegetable by-products from food industry and animal proteins. The **Siforga BIO** fertilizers marked with the **V**-logo are made from 100% vegetable raw materials only.

Siforga BIO fertilizers contain all essential main and trace elements (such as Fe, Mn, B, Mo, Zn, Cu). They are pH-neutral and low in chlorine. Their high content of organic matter improves soil life and soil structure, helps to maintain soil fertility and also improves the moisture retaining capacity of the soil.

Siforga BIO fertilizers are free from pathogens and weed seeds and GMO-free. They are produced in conformity with EU Directives 834/2007 and 889/2008 for biological growing. The production process is controlled and certified by the Dutch certification organization Control Union Certifications. The MeMon CUC license number is: CU 800842.

SIFORGA BIO	SIFORGA BIO 5-3-8	SIFORGA BIO 4-1-8 V	SIFORGA BIO 10-1-3	SIFORGA BIO 2-14-4
Dry matter (DM) %	90	90	90	90
Organic matter (OM) %	65	75	80	45
Nitrogen (N) total %	5.0	4.0	10.0	2
Nitrogen (N) organic %	4.6	3.6	9.5	1.8
Phosphate (P₂O₅) %	3.0	1.0	1.0	14
Potassium (K₂O) %	8.0	8.0	3.0	4
Magnesium (MgO) %	0.6	0.5	0.5	0.3
Sulphur (S) %	2.3	2.5	1.5	0.7
Calcium (CaO) %	3.0	1.0	2.0	8.0
pH ca.	5.5	6	5.5	7
C/N ca.	7	11	4	12
	<ul style="list-style-type: none"> complete organic nutrient supply optimal price/quality ratio 1-2 mm and 2-5 mm granules Also available * 	<ul style="list-style-type: none"> 100% vegetable raw materials well-balanced nutrient supply 1-5 mm granules 	<ul style="list-style-type: none"> highly concentrated N-fertilizer quick release organic nitrogen 1-3 mm granules 	<ul style="list-style-type: none"> high content of organic phosphate suitable for blending purposes 1-5 mm granules

* Siforga 4-3-8 1-2 mm / 2-5 mm granules (100% organic, not biological)
Siforga 5-3-8 1-2 mm / 2-5 mm granules (100% organic, not biological)

SIFORGA BIO organic NPK fertilizers can be enriched with:
Mycorrhiza - Bacteria - Humic Acids - Zeolite - others

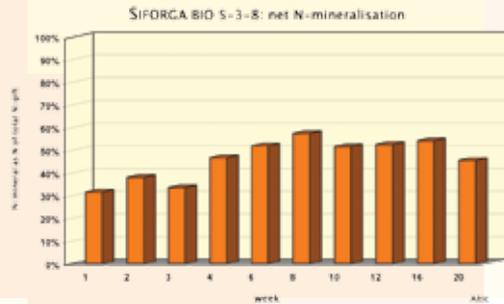


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Dependent on temperature and moisture, the nutrients in the **Siforga BIO** fertilizers are gradually released during the growing season. This creates an optimal uptake by the plants and limits the leaching of nutrients.

Siforga BIO fertilizers are available in different granular sizes. Because of the low humidity level of the granules, the product keeps well during storage. In contact with soil or water the granules easily dissolve and release their nutrients through microbial decomposition.



SIFORGA BIO	SIFORGA BIO 5-3-8 [kg/ha]	SIFORGA BIO 4-1-8 [kg/ha]	SIFORGA BIO 10-1-3 [kg/ha]	SIFORGA BIO 2-14-4 [kg/ha]
Vegetables - open field	750 – 2.500	750 – 2.500	500 – 1.500	300 – 700
Vegetables - glass houses	1.500 – 2.500	1.700 – 2.500	1.000 – 1.500	500 – 1.000
Fruit trees	1.000 – 2.500	1.200 – 2.000	750 – 1.500	150 – 300
Soft fruit	1.000 – 2.000	1.200 – 2.000	750 – 1.500	150 – 300
Strawberries	750 – 1.000	750 – 1.500	500 – 1.000	300 – 500
Citrus	1.000 – 2.500	1.200 – 2.000	750 – 1.500	700 – 1.000
Wine growing	750 – 1.000	750 – 1.500	500 – 1.000	150 – 350
Flowers	1.000 – 2.000	1.200 – 2.000	750 – 1.500	500 – 1.000
Tree nurseries	500 – 1.000	750 – 1.200	500 – 1.000	100 – 200
Potatoes	1.500 – 2.500	1.700 – 2.500	1.000 – 1.500	300 – 500
Lawns and sports turf	500 – 1.000	750 – 1.200	500 – 1.000	300 – 700

The fertilizer dosage depends on the crop, the type of soil and its nutrient and organic matter content and climate conditions.

Siforga BIO fertilizers can be applied by fertilizer spreader or by hand.

Prior to sowing / planting:

- Apply pellets ca. 10 days before
- Work pellets in properly and water thoroughly

Use in planted areas:

- Top or row fertilization: 15–20 cm from the roots of the plant
- Apply pellets before rain or water in after spreading