

PhytoGreen®-Bio N(P)K's based on sugar beet vinasse



ORGANIC MINERAL N(P)K-FERTILISER LIQUIDS with trace elements

Mode of action and advantages:

- ◆ Provide natural nutrients.
- ◆ Raw materials: sugar beet vinasse, enzymatic hydrolysed animal proteins (7-2-2 and 8-3-4 only), stone dust, certified micronutrient fertilisers, seaweed.
- ◆ Direct uptake supports growth, fruit development and yield.
- ◆ Available in various compositions.

Composition:

	PhytoGreen®- Bio-NK 4-6	PhytoGreen®- Bio-NPK 2-5-8	PhytoGreen®- Bio-NPK 3-3-3	PhytoGreen®- Bio- NPK 4-1-5	PhytoGreen®- Bio-NPK 8-3-4
Nitrogen (N)	4% (52 g/l)*	2% (33 g/l)*	3% (39 g/l)*	4% (50 g/l)*	5,9% (80 g/l)**
Phosphate (P₂O₅)	0,2% (2,6 g/l)	5% (67 g/l)	3% (39 g/l)	1% (13 g/l)	2,3% (30 g/l)
Potassium (K₂O)	6% (78 g/l)	8% (112 g/l)	3% (39 g/l)	5% (64 g/l)	3% (40 g/l)
Calcium (Ca)	0,2% (2,6 g/l)	5% (80 g/l)	5% (65 g/l)	1,5% (20 g/l)	3% (40 g/l)
Magnesium (Mg)	0,05% (0,7 g/l)	0,1% (1,5 g/l)	0,1% (1,3 g/l)	0,3% (3,9 g/l)	0,1% (1,4 g/l)
Sulphur (S)	0,8% (10 g/l)	2% (30 g/l)	1% (13 g/l)	1% (13 g/l)	0,6% (8,4 g/l)
Boron (B)	15 mg/l		110 mg/l	5 mg/l	
Iron (Fe)	10 mg/l	0,1% (1,5 g/l)	0,2% (2,6 g/l)	0,1% (1,3 g/l)	0,1% (1,4 g/l)
Copper (Cu)	100 mg/l	0,1% (1,5 g/l)	0,1% (1,3 g/l)		0,1% (1,4 g/l)
Manganese (Mn)	70 mg/l	0,1% (1,5 g/l)	0,2% (2,6 g/l)	0,1% (1,3 g/l)	0,1% (1,4 g/l)
Zinc (Zn)	20 mg/l	0,1% (1,5 g/l)	0,2% (2,6 g/l)	0,1% (1,3 g/l)	0,1% (1,4 g/l)
Seaweed	no	yes	yes	yes	yes

* N out of sugar beet vinasse; ** N out of sugar beet vinasse + enzymatic hydrolysed animal proteins

Recommendations for use and application rates:

General:	Vinasse can be used for soil application in any culture. When using conventional irrigation technology, the concentration should not exceed 5 %. As direct soil application in orchards and viticulture the product can also be applied in higher concentration. PhytoGreen®-Bio NPK's can also be used for foliar application but may cause spraying stains. Application rate 0,4-1,5%. Dosage in drip or sub-irrigation: 0,1-0,25% every 3-10 days (every 10 days at the beginning of the culture, every 3 days in the main growth phase).
Pip fruit:	Fertigation: max. 5%. Foliar application: 0.5-1% from the beginning of vegetation up, potentially reapply. In rusting sensitive varieties do not apply during periods critical for rust development.
Stone fruit and berries:	Fertigation: max. 5%. Foliar application: 0.5-1% from the beginning of vegetation up, potentially reapply.
Vine:	Fertigation: max. 5%. Foliar application: 0.5-1% from the beginning of vegetation up, potentially reapply.
Vegetables:	Fertigation: max. 5%. Foliar application: for initial development: 2-4 applications from 2-leaf-stage up with 0.2-0.4%. For nutrient supply and output: 2-4 applications with 5-8 l/ha during main growth period.
Cereals:	1-2 foliar applications with 4-8 l/ha from beginning of vegetation up.
Zuckerrüben:	1-2 foliar applications with 4-6 l/ha from 5-6-leaf-stage until meeting across the rows.
Maize:	1-2 foliar applications with 4-6 l/ha.
Ornamentals, mediterranean plants, citrus:	As foliar or soil application with 0,4-0,8%, reapply according to the demands of the culture.

In compliance with Council Regulation (EC) No 2018/848 on organic farming. Listed at FIBL Inputs list for the organic agriculture in Germany and at InfoXgen.

Pack sizes:

18 | 1 • 10 l • 200 l • 1000 l