

PHC Biovin Liquid

For a healthy crop

LIQUID ORGANIC LEAF FERTILISER AND PLANT STRENGTHENER.

PHC Biovin Liquid is a very stable extract of Biovin, packaged in jerry cans of 20 litres to make 6000 litres of ready to use spray solution (solution 1:300). Use as regular foliar spray.

PHC Biovin Liquid can be mixed with any regular spray (first make solution, then add other substance). PHC Biovin Liquid is 100% organic. PHC Biovin Liquid is very clean and therefore extremely suitable for LVM use.

The organic basis for PHC Biovin Liquid is an extract from the composting process of the now well-known Biovin. The strictly controlled fermentation process of grape residue results in a bacterial conversion. This results in a basic product with very effective growth hormones (auxins) and organic plant nutrients.

PHC Biovin Liquid stimulates SAR (Systemic Acquired Resistance), in other words resistance acquired throughout the plant against conditions that threaten the plant. PHC Biovin Liquid can be used for all crops and hydro cultures as leaf fertiliser or as supplementary fertiliser.

What is PHC Biovin Liquid?

Simply put, it is a watery extract of specific elements from compost. To make good compost tea, the hummus content must be high.

What are the applications of PHC Biovin Liquid?

Conventionally used crop protection measures kill a large quantity and diversity of micro-organisms in the soil and on the plant. However, these micro-organisms are of the utmost importance for healthy plants. By providing the leaves (and indirectly the soil) with the nutrients for these organisms, they return naturally and rapidly.

What is the fertilisation value of PHC Biovin Liquid?

PHC Biovin Liquid provides plants with a range of minerals, proteins, organic acids (amino acids) and trace elements that do not occur in conventional fertilisers. PHC Biovin Liquid is an important component in sustainable crops.

THE PRODUCT ADVANTAGES

- Saves (a great deal of) work, the effect is clean and fast. No fiddling with brewing, filtering and cleaning yourself
- Guaranteed free of pathogens
- Odour-free
- Acts as leaf fertiliser and provides nutrition for important organisms on leaves and in the soil.
- Feeds soil life and accelerates the decomposition of dead organic material
- Ensures that fertilisers are better retained in the soil
- Increases the nutritional value and decreases the nitrate content of vegetables
- Gives a growth boost and increases natural resistance
- Feeds plants with minerals that do not occur in conventional fertilisers
- Permitted in organic crops

USE AND DOSAGE

Apply from the first complete leaf development until about 3 weeks before leaves fall off. For greenhouse crops, PHC Biovin Liquid is best used throughout the year.

Cuttings, unrooted, with PHC mycorrhiza	Weekly 1:500
Cuttings, unrooted, without mycorrhiza	Weekly 1:300
Cuttings, rooted, with PHC mycorrhiza	Weekly 1:500
Cuttings, rooted, without mycorrhiza	Weekly 1:300
All other plants in pots and in the ground	Weekly 1:300
Fruit trees, soft fruit and berry crops	Weekly 1:300

***Guaranteed stable
extract of Biovin
with high content
of real humus and
natural minerals.***

Easy to use



PHC Biovin Liquid

GUARANTEED ANALYSIS;

pH 7.3 – conductivity: 288 µS/cm.

C-org	mgC/l	104
Ca	mg/l	23.00
Co	mg/l	0.07
Cr	mg/l	0.02
Cu	mg/l	<0.10
Fe	mg/l	0.98
K	mg/l	65.00
Mg	mg/l	6.79
Mn	mg/l	0.10
Mo	mg/l	<0.01
Na	mg/l	3.00
Ni	mg/l	0.15
P	mg/l	3.96
Zn	mg/l	0.15
Borium oxide	mg/l	<0.10
As	mg/l	<0.0001
Se	mg/l	<0.0001
Cd	mg/l	<0.0001
Pb	mg/l	0.102
Hg	Mg/Kg	<0.10
N total	%	0.14
Cl	mg/l	3.00
SO ₄	mg/l	13.00
NO ₃	mg/l	4.00
NO ₂	mg/l	<0.01
PO ₄	mg/l	9.00

Amino acids	µg/L	%
Glutamate	63	14.4
Arginine	57	12.9
Alanine	56	12.8
Leucine	52	11.8
Valine	39	8.9
Serine	31	7.1
Phenylalanine	31	7.0
Glycerine	25	5.8
Threonine	21	4.9
Aspartaat	19	4.2
Isoleucine	17	4.0
Proline	12	2.6
Methionine	11	2.5
Glutamine	2	0.6
Asparagine	2	0.5
total	438	100

Organic acids	µg/L	%
Lactate (lactic acid)	371	33.5
Glutamate	180	16.2
Oxalate	158	14.3
Succinate (succinic acid)	104	9.4
Fumarate	87	7.8
Citrate (citric acid)	63	5.7
Malate (malic acid)	33	3.0
Malonate	33	3.0
Tartrate (tartaric acid)	30	2.7
Aconitic acid	26	2.3
Protocatechuate	19	1.7
Salicylic acid	3	0.3
Total	1107	100

PACKAGING

Jerry can, 20 litres

SHELF LIFE

Practically unlimited shelf life. Use diluted product within 8 hours.

SAFETY INFORMATION

PHC Biovin Liquid is a natural product and safe for plants, humans and animals. Wash hands after use. Keep out of reach of children.

GUARANTEE

The PHC Biovin Liquid product is sold by Plant Health Cure. When using, follow instructions on package carefully. We do not guarantee the suitability of the product beyond its originally intended application. Plant Health Cure is only liable to replace products that do not meet the specifications. Suggestions for use and information about the results of product use obtained from the manufacturer can be considered reliable.

Since Plant Health Cure cannot verify the conditions of use, the buyer/user is responsible for all results, including injury or damage resulting from the use of this product alone or in combination with other products.



Vege ehf

Barðströnd 13
170 Seltjarnarnes
Iceland
T: +354 6939338
E: vegeehf@gmail.com
www.vege.is



Plant Health Cure BV
PO Box 130
5060 AC OISTERWIJK
The Netherlands
T: +311 3 7200300
E: info@phc.eu
www.phc.eu

Version: November