

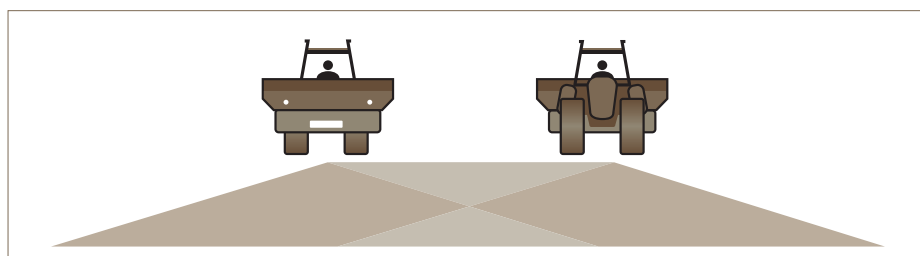
Biovin

granular

For improving soil structure
and soil biology

The organic basis of Biovin consists of the remains that are obtained when grapes are pressed, a substance known as grape must. Humification of these grape remains results in a product containing organic plant nutrients and billions of active microorganisms, among which are important nitrogen-fixing bacteria (actinomycetes) and resistance-boosting SAR (Systemic Acquired Resistance) microbes.

Further enhanced with fulvin, humin and minerals, which makes Biovin Granular a unique soil improver. The fungi and bacteria fix CO₂ in the soil, promote the recovery of the soil's biodiversity, improve the soil's health and help convert plant remains and organic fertilizers. A soil with improved vitality is better capable of buffering water shortages or excesses. Biovin also promotes mycorrhizal symbiosis.



Biovin Granular can be spread with the aid of a granule and/or fertilizer spreader. Go to www.kvernelandspreadingcharts.com for an up-to-date spreading chart or contact PHC.

Fair

- From a natural source
- Certified organic
- Can be applied to any soil and crop
- Guaranteed free of weeds

Functional

- Ensures CO₂ fixation in the soil
- Prevents high nitrate concentrations in plants and the soil
- Promotes recovery of the soil's vitality
- Easy to use

Beneficial

- Promotes plant health and plant growth
- Promotes build up of organic matter
- Creates a climate-resilient soil
- Boosts the effect and growth of essential soil bacteria

USE IN COMBINATION WITH OTHER (PHC) PRODUCTS

Biovin Granular may be used in combination with all PHC fertilizers, PHC bacterial products and PHC mycorrhizal products. The use of Biovin Liquid will strengthen the effect of Biovin Granular. Use of chemical fertilizers, fungicides and biocides is strongly discouraged.

Product licences

Biovin Granular is an organic biostimulant that has been approved for use in organic agriculture in accordance with EU regulation 834/2007 and NOP NF U 44-051.



We Grow Soil.



Packaging, transport & storage

Biovin Granular is supplied in Big Bags of 750 kg. The product attracts moisture. Store dry, frost-free and out of direct sunlight. Wet material can clog up machinery. As with all organically sourced materials, the analysis may vary as much as 15%. Depending on the degree of humidity, a gray haze may occur. This is a natural process and does not affect the functioning.

Health and safety information

Not intended for ingestion. Wash your hands after handling the product. Wear protective clothing and respiratory protection (including a P3 dust filter) while loading/using this product. In the case of an accident or if you feel unwell, seek medical assistance (present this label if possible). KEEP OUT OF REACH OF CHILDREN

INGREDIENTS

Humified grape must	52 %
Minerals (micro)	23 %
Fulvic Dry	2 %
Inert ingredients	23 %

DOSAGE

Arable farming, horticulture	500 kg/ha
Fruit crops, tree nursery	400-600 kg/ha
Greenhouse horticulture	30-60 g/m ²
Grass	500 kg/ha

ADDITIONAL INFORMATION

Different doses may apply for the recovery of fields in poor (bio) condition. Consult your PHC cultivation advisor for tailor-made advice.

CHEMICAL ANALYSIS	Properties	Value			
	pH value		8.1	MgO	0.5
	EC value		24	CaO	0.9
	Specific density	0,94 (1 kg = 1,06 liter)		Na ₂ O	0.6
	Dry matter		83.8 %	SO ₃	<0.1
	Organic matter		23.7 %	Trace elements	
	Ash		60.1 %		Mg/Kg
	Minerals		% of weight	S	<0.1 %
	N-total		0.85	B	<5.0
	NO ₃ -N		<0.10	Cu	34
NH ₄ -N		<0.10	Fe	5500	
P ₂ O ₅		0.2	Mn	210	
K ₂ O		1.4	Mo	<5.0	
			Zn	39	
			Cl	<0.10	

GROWTH FACTORS	Fulvin/Humin	36.68 %
	Thiamine	11.83 µg/100g
	Pyridoxal	23.70 µg/100g
	Nicotinamide	60.10 µg/100g
	Nicotinic acid (total)	83.20 µg/100g

MICROBIOLOGICAL CONTENT PER GRAM	Soil fungi 6 ⁷ /g		Streptomycetes 5 ⁶ /g		Bacteria 5 ⁸ /g	
	Aspergillus niger		S. griseoruber		Bacillus sp.	
	Myceliophthora thermophila		S. rimosus		Pseudomonas sp.	
	Paecilomyces varioti		S. thermoflavus		Arthrobacter sp.	
	Thermomyces lanuginosus		S. actuosus		Cellulomonas sp.	
			S. atroolivaceus		Nitrosomonas sp.	

GUARANTEE

Plant Health Cure sells the product Biovin Granular. Carefully follow the instructions on the packaging. We do not guarantee the product's suitability for applications other than that originally intended. Plant Health Cure is only obliged to replace any products that do not meet the specifications. Suggestions for use and information on results of the product's use obtained by the producer may be considered reliable.

As Plant Health Cure cannot control the conditions of the product's use, the buyer/user is responsible for all results, including any injuries or damage resulting from the use of this product by itself or in combination with other products. Keep out of reach of children. **The latest version of this data sheet can be found at www.phc.eu.**