

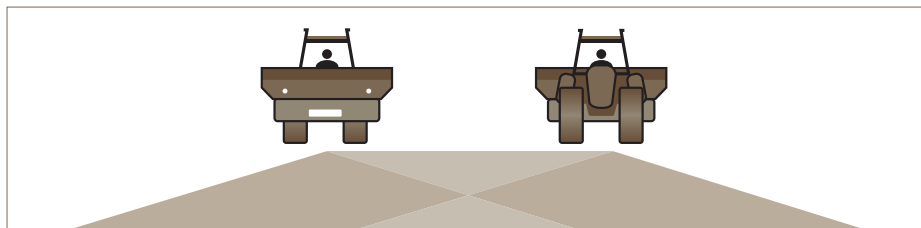
# TERRA/PULSE

the heartbeat of your soil

Spreadable soil enhancer  
containing Biovin

PHC TerraPulse provides a high-energy start for soil enhancement and healthy plant growth. This product contains only natural ingredients that provide a synergistic effect. Firstly, the ingredient Biovin provides a microbial impulse. The bacteria, fungi and streptomycetes break down organic materials and convert this into stable humus in the soil. PHC TerraPulse is also high in energy in the form of simple carbons that stimulate the available/indigenous soil life. This translates into improved aeration of the soil structure by worms, for example.

Secondly, the addition of rock dust supplies unique elements that have usually disappeared from the soil. This makes PHC TerraPulse the only rock dust product that can be spread over a range of 40 metres. The third functionality is the addition of natural fulvic acid. Fulvic acid is instrumental in - among other things - the mobilisation of elements to the plant and the stabilisation of cell membranes. Finally, the clay component ensures binding of sand particles, which results in improved aggregate formation.



TerraPulse can be dispersed by machinery using a granule and/or fertilizer spreader. The spreading chart (Kverneland) is downloadable on [www.phc.eu/en/product/terrapulse/](http://www.phc.eu/en/product/terrapulse/) - Downloads.

## PRODUCT BENEFITS

- Simple application
- Restores soil vitality
- Spreadable rock dust
- Contains natural fulvic acid
- Improves the soil biology
- Facilitates CO<sub>2</sub> binding in the soil
- Breaks down raw organic matter
- Energy rich
- Prevents leaching

## USE IN COMBINATION WITH OTHER (PHC) PRODUCTS

PHC TerraPulse can be used in combination with all PHC fertilizers, PHC bacterial products and PHC mycorrhiza products. Application of OPF Granular and PHC Myconate amplifies the effect of PHC TerraPulse.

### Packaging, transport & storage

PHC TerraPulse is supplied in 750 kg Big Bags and in 20 kg bags. This product attracts moisture. Store dry and away from frost and direct sunlight. Wet material can clog the machine. A grey shroud may develop depending on the humidity. This is caused by beneficial fungi and will not affect the functioning of the product. Shelf life: 1 year minimum.



## We Grow Soil.

**Health and safety information**

Not intended for ingestion. Wash hands after use. Wear protective clothing and respiratory protection (fitted with a P3 dust filter) when loading/using this product. In case of an accident or if you feel unwell, consult a doctor. KEEP OUT OF REACH OF CHILDREN.

**Product licenses**

PHC TerraPulse is an organic biostimulant and is approved for use in organic farming in accordance with EU Regulation 834/2007 and NOP. Approved input by Kiwa Sverige AB. Check current listings also on [inputs.bio](http://inputs.bio), [inputs.eu](http://inputs.eu), [krav.se](http://krav.se).

**INGREDIENTS**

Humified grape mark	52%
Minerals (micro)	23%
Fulvic Dry	1%
Inert ingredients	24%

**DOSAGE**

Soil preparation	600 kg/ha
Agriculture, horticulture, grass	500 kg/ha
Tree cultivation	400-600 kg/ha
Fruit cultivation	300-600 kg/ha
Greenhouse horticulture	30-60 g/m <sup>2</sup>

**ADDITIONAL INFORMATION**

For recovery of plots in poor (bio-)condition, an additional dose may be necessary. Consult your product representative for tailor made advice.

**CHEMICAL ANALYSIS**

Properties	Value
pH	8.1
EC	24 µS/cm
Density	0.94 kg/l
Dry matter	83.8%
Organic matter	40%

CaO	0.9
MgO	0.5
Na <sub>2</sub> O	0.2
S	<0.1

Minerals	% of weight
N total	2
NO <sub>3</sub> -N	<0.10
NH <sub>4</sub> -N	<0.10
P <sub>2</sub> O <sub>5</sub>	0.5
K <sub>2</sub> O	0.5

Trace elements	Mg/Kg
B	25
Cu	30
Fe	5500
Mn	150
Mo	<5.0
Zn	39

**GROWTH FACTORS**

Fulvic acid/Humic acid	36.68%
Thiamine	11.83 µg/100 g
Pyridoxal	23.70 µg/100 g
Nicotinamide	60.10 µg/100 g
Nicotinic acid (total)	83.20 µg/100 g

**MICROBIOLOGICAL CONTENTS PER GRAM**

Soil fungi 5.4x10 <sup>6</sup> /g
Aspergillus niger
Myceliophthora thermophila
Paecilomyces varioti
Thermomyces lanuginosus

Streptomycetes 5 <sup>6</sup> /g
S. griseoruber
S. rimosus
S. thermoflavus
S. actuosus
S. atroolivaceus

Bacteria 5 <sup>8</sup> /g
Bacillus sp.
Pseudomonas sp.
Arthrobacter sp.
Cellulomonas sp.
Nitrosomonas sp.

As with all organic materials, the analysis may vary as much as 15%.

**WARRANTY**

Plant Health Cure sells the product PHC TerraPulse. Follow the instructions on the packaging closely for use. We cannot guarantee suitability of the product outside the originally intended application. Plant Health Cure is only obliged to replace products that do not meet the specifications. Suggestions for use and information about results after use of the product - obtained from the manufacturer - can be considered reliable. As Plant Health Cure cannot exercise any control over 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 materials. Keep out of reach of children. The most recent version of the data sheet is always available on [www.phc.eu/en](http://www.phc.eu/en).