

OPF 7•0•7•S

organic plant feed

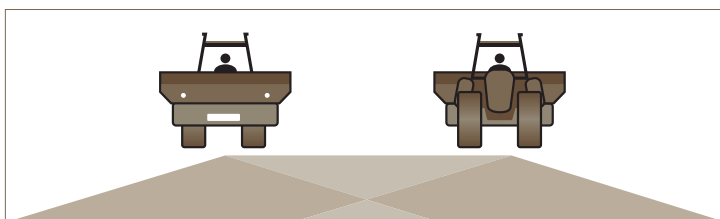
PolyGranular

Energy rich with
added sulphur
and calcium



OPF PolyGranular contains an optimum level of sulphur. This means that one application brings all required key minerals. Calcium and potassium (K) in the mix are in sulphate form and easily absorbed. The nitrogen/sulphur ratio ensures a favourable amino acid profile in the crop. Efficiency of nitrogen is high due to the plant-based amino acids occurrence. Amino acids are less subjective to leaching in the soil profile. The chloride and salt content is low, eliminating the risk of damaging plants. The amino acids in OPF can be absorbed even at low temperatures.

Under normal conditions, approximately 50% of nitrogen is released within 4 weeks. The release of sulphur is spread over 50 days. Most effective fertilizers feed both soil and plants. This combination of essential minerals, plant-based sugars and plant-based aminoacids in OPF PolyGranular nourishes the soil and the plant.



OPF PolyGranular should be distributed by a fertilizer spreader.

The spreading chart is downloadable on www.phc.eu/en/product/opf-polygranulaat-7-0-7-S/-downloads.



PRODUCT BENEFITS

- Optimal natural sulphur content
- Natural fertilizer
- Easily spreadable
- Provides stable and balanced growth
- Easily mobilized calcium
- Low in chloride
- Efficient use of minerals
- Contains plant based amino acids

USE IN COMBINATION WITH OTHER (PHC) PRODUCTS

OPF PolyGranular may be used in combination with all other PHC fertilizers, PHC bacterial products, PHC mycorrhiza products and PHC plant enhancers. The use of Biopak, MooR and PHC Mycorrhizal products supports efficient use of fertilizers. Application of Fulvic 25 strengthens the effect of OPF PolyGranular.

Packaging, transport & storage

OPF PolyGranular is supplied in 25 kg bags (32 bags per pallet = 800 kg), and in 1000 kg Big Bags. Must be stored in a dry, frost-free place, away from direct sunlight. Shelf life: 3 years minimum.

Health and safety information

Not intended for ingestion. Wash hands after use. While handling the product, wear protective clothing. In case of an accident or if you feel unwell, consult a doctor. KEEP OUT OF REACH OF CHILDREN



We Grow Soil.

Product licences

OPF PolyGranular is a vegetable combined fertilizer and approved for use in Dutch organic farming in accordance with EU regulation 834/2007. Check current listing on skal.nl, biologische inputlijst.

INGREDIENTS

Plant based amino acids	70 %
Polyhalite	30 %

DOSAGE

Grassland	225-300 kg/ha
Agriculture (maize/cereals)	250-400 kg/ha
Agriculture (root/tuber vegetables)	300-450 kg/ha
Fruit trees	300-450 kg/ha
Lettuce/vegetables	100-250 kg/ha
Greenhouse vegetables	50-250 kg/ha
Perennial crops	200-400 kg/ha
Greenhouse (cut flowers, soil bound)	100-120 gr/m ²
Potting soil (mixing)	1.5 - 3 kg/m ³

GUARANTEED ANALYSIS

Elements	Value		Value
N-total	7 %	Arginine	1.6
P ₂ O ₅	0.25 %	Aspartic acid	5.8
K ₂ O	7 %	Cysteine	0.35
SO ₃ ⁻	17 %	Glutamic acid	46
S	8 %	Glycine	2.4
Ca	8.5 %	Histidine	0.8
Cu	2.9 mg/kg	Hydroxyproline	< 0.5
Fe	280 mg/kg	Iso-Leucine	1.9
Mg	1.8 %	Leucine	2.7
Mn	61 mg/kg	Lysine	1.4
Zn	35 mg/kg	Methionine	0.35
Na	2.5 %	Phenylalanine	1.3
Si	0.01 mg/kg	Proline	1.4
B	46 mg/kg	Serine	1.2
		Threonine	1.6
Amino acids	g/kg	Tyrosine	0.9
Alanine	10.4	Valine	2.8

PROPERTIES

Total dry matter (of total weight)	97.7 %	pH	4.5-5
Organic matter (OM)	62.4 %	EC	140 µS/cm
Amino acids	8 %	Density	0.95 kg/l
Energy value	6738 MJ/kg		

ADDITIONAL INFORMATION

Dosage depends on the current conditions such as soil condition, climate, location, etc. Apply OPF PolyGranular under dry conditions and avoid remains of OPF PolyGranular on the leaves. Application of OPF PolyGranular on the leaves, can cause burns in sensitive crops.

Consult your product representative for tailor made advice.

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

WARRANTY

Plant Health Cure sells the product OPF PolyGranular. 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 Care 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.