



# PHC Organic Granular Plant Feed 11-0-5

## A granular organic plant feed for nursery and agricultural uses.

**Plant Health Cure Granular Plant Feed** is a uniform, 100% plant-derived high-nitrogen plant feed that has been approved for use in controlled input organic farms.

**PHC Granular Plant Feed** is a fast-acting fertiliser for use in broadcast or in-row applications. The granules are fast to dissolve in water and give a balanced feed to the plants over several weeks. Around 50 per cent of the Nitrogen is initially available for plant growth over 30 days followed by slower release of around three units per month, depending on bacterial activity, soil temperature and moisture. The nature of the Nitrogen helps to ensure very little is lost compared to conventional urea fertilisation.

The contents of PHC Granular Plant Feed are balanced to work in harmony with PHC bacterial and mycorrhizal fungal products.

### Nutrient ratio

Organic Plant Feed Granular is available as a balanced mix of N:P:K plus nutrients.

The low Phosphate level compensates for the high levels already present in most agricultural soils. As with all organically sourced materials the analysis may vary by as much as 15%. Typical analysis is as follows:

- 11-0-5 N:P:K
- 8% amino-derived Nitrogen
- 3% organically bound Nitrogen

Organic fertilisers must be transformed into inorganic matter. This is a bacterial process. Therefore, we recommend to add our product **Biovin** (10 kg per 100 m<sup>2</sup>) to enhance this process.

### PRODUCT ADVANTAGES

- Improves soil structure and soil bioactivity
- Helps to avoid leaking of valuable minerals
- Improvement of stress resistance

### APPLICATION

PHC Granular is suitable for broadcast and in-furrow applications. Please ensure all machinery is dry and the environmental conditions are suitable for all applications. Except for grasses, make sure this fertiliser does not stick or remain on the leaves. Apply in dry weather conditions on dry plants.

### DOSAGE

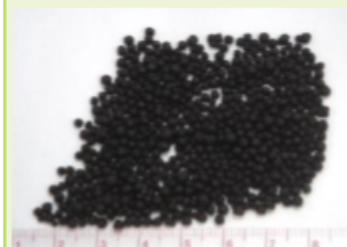
	Amount (kg/ha)	Directions	Timing
Grassland	225-275	Broadcast	March
Maize	250-325	Broadcast	At drilling
Silage	225-275	Broadcast	March
Wheat	250-325	Broadcast	Early stem elongation
Fruit Trees	300-450	Root-zone application	Post harvest / October
Potatoes	400-500	In-furrow	At or just before planting
Salad Leaf Crops	100-200	In-furrow	At planting
Vegetables – Open Field	100-250	In-furrow	At planting
Vegetables - Glasshouse	50-250	In-furrow	Throughout season
Compost mixing	1,5-3 kg per m <sup>3</sup>	Mix with compost	Before potting



*Granular Plant  
Feed for organic  
produce*

*A granular custom  
blended feed  
approved for use on  
organically produced  
fruit and vegetables*

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## GUARANTEED ANALYSIS

### Contents

Soil Association Certified Constituents included are: Granulated extract of fermented sugar-cane. This product contains no animal constituents, nor has been in contact with animals during production, packaging or transport.

OPF Granular is tested regularly for constituents that may lead to Perchlorate contamination. All analyses confirm that no Perchlorate is found in our fertilisers and soil improvers.

Brown granule: 90%  $\geq$  4mm. 10%  $\geq$  2-3 mm.

Specific gravity: 0.83 (1 kg = 1.2 litre)

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Elements	Amount $\pm$	Unit	Amount $\pm$	Unit
Nitrogen (N)	11.4	%	8174	mmol/kg
-of which organically bound: 3 %				
-of which amino-derived: 8 %				
Phosphate (P <sub>2</sub> O <sub>5</sub> )	0.36	%	50	mmol/kg
Potash (K <sub>2</sub> O) soluble	4.45	%	946	mmol/kg
SO <sub>4</sub> soluble	3.27	%	1054	mmol/kg
Magnesium	0.32	%	128	mmol/kg
Sodium	2.63	%	1143	mmol/kg
Calcium total	1.3	%	325	mmol/kg
Chloor (Cl)	2	%		
Si	421	mg/kg	15	mmol/kg
Zinc	20.9	mg/kg	320	$\mu$ mol/kg
Iron	541	mg/kg	9690	$\mu$ mol/kg
Copper	5.65	mg/kg	89	$\mu$ mol/kg
Manganese	62.6	mg/kg	1140	$\mu$ mol/kg
Boron	7.45	mg/kg	690	$\mu$ mol/kg
Mo	0.96	mg/kg	10	$\mu$ mol/kg
pH	4	pH		
Organic matter	28	%		

## PACKAGING

OPF Granular is available in 25 kg bags, per pallet (32 bags of 25 kg) or in bulk bags of 900 kg.

## HANDLING AND STORAGE

The granular material is hygroscopic by nature, and as such it is advised that the material should not get wet until it is in the soil/compost. Wet material will clog machinery. Keep out of areas with high humidity. Product must be stored and handled in accordance with the Soil Association Certified Products scheme. Cross-contamination of product and/or container is not permitted. Keep containers sealed when not in use.

## PRODUCT LICENCES

Suitable and admitted for use in organic farming and crop produce according to Council Regulation (EC) No. 834/2007 and registered as organic fertilizer by FIBL (D) and the Soil Association (UK).

## HEALTH AND SAFETY

Inhalation: No risk of vapour inhalation.  
 Skin Contact: Wash with soap and water. Seek medical advice if skin reaction occurs.  
 Eye Contact: Wash with copious amounts of water, monitor for an allergic reaction.  
 Ingestion: Rinse mouth with water, drink copious amounts of water. If large quantities are ingested induce vomiting and seek medical advice.

**LIMITED WARRANTY**  
 Plant Health Cure offers for sale the product PHC Organic Plant Feed Granular.  
 There are no warranties of merchantability or fitness for a particular purpose which extend beyond the description of the product in this specification sheet or other product literature, and liability of Plant Health Cure is limited to replacement of any product which does not meet these specifications. Suggestions for use and information on results obtained with its use are assumed by the manufacturer to be reliable.

Since conditions of use are outside the control of Plant Health Cure, the buyer is responsible for all results, including injury and damage stemming from the use of this product alone or in combination with other materials.

**KEEP OUT OF REACH OF CHILDREN**



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See our website for the most actual version of this sheet