

INJECTABLE

Established plant cure



Ectomycorrhiza
root shot

Free of pathogens

A soluble all-in-one treatment for new and existing shrubs, plants or trees. Specifically used for trees and plant material that are dependent on ectomycorrhiza. Mycorrhizal fungi colonise the roots under different conditions, resulting in a significant increase in absorption capacity. Very suitable for rapid repair following root damage by re-planting or digging activities. Drought, heat, compaction, re-planting or soil tillage all result in stressful conditions for trees and plants. The addition of mycorrhiza and rhizobacteria increases the utilisation by roots and improves the growing conditions, health and stress tolerance. PHC Injectable Pt facilitates a rapid colonisation and new root formation. Humic acids and seaweed extracts stimulate strong root growth. The combination of mycorrhiza and rhizobacteria restores the essential biology around the roots, which has been disrupted by soil tillage. Research demonstrates that differences in growth are significant in the long term. This is due to the increased absorption range, nutrient density and access to capillary water.



PRODUCT BENEFITS

- Less replanting
- Significantly improved growth annually
- Guaranteed free of pathogens
- Repair of root damage
- Correction of growth problems
- All-in-one solution for existing planting
- Simple and economical application
- Significant long-term growth differential
- Increases the tolerance for drought and heat stress

USE IN COMBINATION WITH OTHER (PHC) PRODUCTS

PHC Injectable Pt can be used in combination with all PHC fertilizers, PHC soil enhancers and PHC plant enhancers. Application of Fulvic 25 amplifies the effect of PHC Injectable Pt.

Packaging, transport & storage

PHC Injectable Pt is supplied in a box containing 4 bags of 227 grams. This product attracts moisture. Store sealed, dry, away from UV light and between 0 °C and 30 °C.

Shelf life: 2 years.

Health and safety information

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

Product licences

PHC Injectable Pt is a natural mycorrhiza bio-stimulant and is approved for use in organic agriculture in accordance with EU 834/2007. Check actual listing also on inputs.eu.



We Grow Soil.

INGREDIENTS

Ectomycorrhiza (3,900,000 spores/gram)	0.3%
Rhizobacteria	3.8%
Maltodextrin	31%
Seaweed extract	17%
Fulvic/humic acids	14.5%
Yucca extract	12%
Yeast extract	2.8%
Inert ingredients	18.6%

**GUARANTEED
ANALYSIS**

Ectomycorrhiza	
Pisolithus tinctorius	7,800,000 spores/gram
Sclerotinia citrinum	780,000 spores/gram
Bacillus licheniformis	12.3x10 ⁶ CFU/gram
Bacillus megaterium	12.3x10 ⁶ CFU/gram
Bacillus polymyxa	2.7x10 ⁶ CFU/gram
Bacillus pumilus	12.3x10 ⁶ CFU/gram
Bacillus subtilis	12.3x10 ⁶ CFU/gram
Paenibacillus azotofixans	2.7x10 ⁶ CFU/gram

DOSAGE

Application	Dosage	Implementation
Trees/shrubs/hedges with growth problems	Mix 1 bag with 200 litres of water (max. 100 m ²)	Inject 2 litres at intervals of 60-75 cm (max. 100 m ²)
Trees/shrubs/hedges with root damage or soil compaction	Mix 2 bags with 200 litres of water (max. 100 m ²)	
Planting spindles/grafts	Mix 3 bags with 200-400 litres of water (max. 1 ha)	50-100 mL/tree, dose in plant trench

Re-planting of trees with root ball / shrubs		Mix 2 bags with 200 litres of water	
Trunk circumference in cm	Root ball diameter	Number of litres	Number of injections
14-16	up to 30 cm	6	3
16-18	up to 35 cm	8	4
18-20	up to 40 cm	12	6
20-25	up to 50 cm	16	8
25-35	up to 60 cm	20	10
35-45	up to 70 cm	28	14
Larger sizes: per 20 cm root ball diameter, inject +1 litre more.			

APPLICATION

PHC Injectable Pt is exclusively very suitable for the following tree species: Abies, Acacia, Allocasuarina (Cassuarina), Alnus, Betula, Carpinus, Castanea, Cedrus, Cistus, Corylus, Fagus, Helianthemum, Larix, Nothofagus, Picea, Pinus, Polygonum, Populus, Pseudolarix, Pseudotsuga, Ostrya, Ostryopsis, Quercus, Salix, Tilia and Tsuga.

ADDITIONAL INFORMATION

Mix 1 package (227 grams) with 200 litres of water. Stir well for 5-10 minutes. Maintain a maximum of 6 bars working pressure. Keep agitating the mixture whilst injecting. Use dissolved product within 6-10 hours. Do not mix with pesticides. Suitable for use during rainy periods. 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 PHC Injectable Pt. 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.