



MycorDip™ Universal

*Mycorrhizal Root Dip Inoculant for most
types of trees and shrubs*

Features and Benefits

MycorDip™ Universal contains Endo and Ectomycorrhizal fungi, hydrogel, and organic biocatalysts for the inoculation of tree seedlings.

MycorDip™ Universal is used as a pre-plant root dip to inoculate bare root and containerised tree seedlings with beneficial mycorrhizal fungi and rhizosphere bacteria prior to field planting or potting. It contains six superior species of endo and ectomycorrhizal fungi that will colonize the roots of most tree and shrub species under a broad range of growing conditions.

MycorDip™ Universal has seaweed meal and humic acids to enhance drought tolerance and root growth. It also contains six species of free-living rhizosphere bacteria that together fix nitrogen and solubilise phosphorus.

MycorDip™ Universal

- Minimizes transplant shock
- Improves establishment and survival rates
- Improvement of water and nutrient absorption
- Mitigates the effects of stress caused by drought, salinity and extremes of soil pH

Directions for use

Mix MycorDip™ Universal with water in a bucket and stir for 3 - 5 minutes into a slurry with an adhesive consistency similar to "thick gravy". Normally this can be achieved by mixing one 425 gram pack in 20 litres of water.

Before planting, dip the seedlings into the mixture so that the roots are coated evenly. Only dip 3/4 of the lower root system. No need to dip the root/stem area. For container seedlings, gently shake the loose rooting medium from the roots and dip roots in the mixture.

Transplant as soon as possible after dipping. Ensure that root flares are slightly visible. Water in after planting, or plant just before rainfall is expected.

Use mixed product as soon as possible and certainly within 8 hours.

Notes for best results

Species: MycorDip™ Universal is effective for all tree and shrub species except rhododendrons, azaleas, and mountain laurel which associate with ericoid mycorrhizal fungi. Use of MycorDip Universal with these species will however not harm them.

Soil pH: The fungi in this product were chosen based on their ability to survive and colonize plant roots in a broad soil pH range of 3 to 9.

Fungicides: Some fungicide can have a detrimental effect on mycorrhizae. Soil application of any fungicide is not recommended for two weeks before or after seedling treatment. Foliar applications of non systemic fungicides should pose no problems. Systemic fungicides should not be used for three weeks before or after product use.

Herbicides and insecticides: Do not normally interfere with mycorrhizal fungal development.

Cuttings: Roots must be present for product to be effective. Not recommended for cuttings with no roots.

Composition

| Beneficial fungi | |
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| Living spores of VA endo-mycorrhizal fungi: <i>Entrophospora colombiana</i> , <i>Glomus etunicatum</i> , <i>Glomus clarum</i> and <i>Glomus intraradices</i> | Minimum of 116,000 spores per kilogram. |
| Living spores of ecto-mycorrhizal fungi: <i>Pisolithus tinctorius</i> and <i>Scleroderma citrinum</i> | Minimum of 209 million spores per kilogram |
| Beneficial bacteria | 6.2 billion cfu* per kg |
| 1,4 billion cfu* per kg. <i>Bacillus licheniformis</i> 1,4 billion cfu* per kg. <i>Bacillus megaterium</i> 0,3 billion cfu* per kg. <i>Bacillus polymyxa</i> 1,4 billion cfu* per kg. <i>Bacillus pumilus</i> 1,4 billion cfu* per kg. <i>Bacillus subtilis</i> 0,3 billion cfu* per kg. <i>Paenibacillus azotofixans</i> | |
| Soil improving ingredients | 18.10% |
| Humic acids (from Leonardite) | 18.0% |
| Formononetine (myconate) | 0.1% |
| Microbial nutrients | 27.70% |
| Maltodextrin | 0.8% |
| Kelp meal (from <i>Ascophyllum nodosum</i>) | 25.9% |
| Yeast extract | 0.3% |
| Citric acid | 0.7% |
| Inert ingredients | 54.20% |

*cfu = colony forming unit

General information

- Packaging:** 5 x 425 gram bags
- Shelf life:** 18 - 24 months depending on storage conditions
- Technical service:** For further information, assistance and access to The Solufeed Advisory Service, please contact Solufeed at the address below.

Precautions

After mixing with water, use within 8 hours, do not store the prepared mix.
Avoid prolonged exposure to direct sunlight and extremes of temperature.
Product may be slippery when wet.
May cause an allergic reaction.

Wash hands after handling.
Keep out of reach of children.

Detailed health and safety information may be found on the relevant Material Safety Data Sheet (MSDS) available on request from the address below.

Important

The information in this document has been prepared carefully and is provided in good faith. The application, use and processing of any material together with regulatory compliance is the absolute responsibility of the Buyer. All technical information or other advice provided by the Seller in any form is given without warranty to the full extent provided by law.

Please note that products may differ or be unavailable in certain territories.

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