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## *Specifications*

# ECOVAM™ VAM ENDO PRO

### Part 1: Product Description

The Endo Mycorrhizal in this product in effect greatly expands the surface area of roots, significantly increasing the ability of the plant to use water and nutrients and become more adapted to “real world” conditions. Mycorrhizal roots protect the plant from predators and establishes conditions for strong, healthy, “naturalized” plants. Use EcoVam™ Endo PRO drip tape, hydroponic feeding and liquid root injection that put the product into direct physical contact with roots of plants.

### Part 2: Product Specification

<b>Endomycorrhizal Fungi</b>	49,200 spores per pound, 108 spores per gram 7 Species Endomycorrhizae : Glomus mosseae, Glomus intraradices, Glomus claroideum, Glomus etunicatum, Glomus clarum, Glomus deserticola, and Glomus microaggregatum.
<b>Trichoderma</b>	119,934 CFU’s per gram Genus Trichoderma: Trichoderma hamatum, Trichoderma harzianum, Trichoderma viride, Trichoderma reesei.
<b>Bacillus, Pseudomonas &amp; Streptomyces Species</b>	1,825,771 CFU’s per gram Genus Bacillus: B. megaterium, B. subtilis, B. amyloliquefaciens, B. azotoformans, B. licheniformis, B. pumilus, B. Firmus, B. coagulans, Geobacillus steothermophilus, and Paenibacillus polymyxa, Paenibacillus Durum. Genus Pseudomonas: P. putida, P. fluorescence, P. Aureofaceans. Genus Streptomyces: S. lydicus, S. griseus, S. coelicolor.

### Part 3: Application

Soil Drench: Mix with water at a minimum rate of 1 oz/gal (7.5 g/L). Mix well and keep agitated. Spray plant roots or dip roots prior to transplant, or water in as a soil drench (for porous soils only). 1 gal of suspension treats roughly 58 1-gal potted plants.

Restoration: Use 8 to 12 lb/a (9 to 13.5 kg/ha) for broadcast or hydromulch operations before or during the seeding operation.



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Nurseries and Greenhouses: Inoculum can be incorporated into growing media at a rate of 0.6 lb/yd<sup>3</sup> (0.36 kg/m<sup>3</sup>) for pots and containers. Plug and liner trays used for propagation will require a rate of 1.23 lb/yd<sup>3</sup> (0.73 kg/m<sup>3</sup>). A higher rate is required to ensure that the propagules are present uniformly in all small cells or cavities.  
Turf: Apply during installation or aeration. Use a rate of 0.82 to 2 oz/1,000 ft<sup>2</sup> (251.5 to 608 g/1,000 m<sup>2</sup>).  
Seed Coat: Use 0.86 to 1.23 lb/a (0.96 to 1.38 kg/ha) of seed.  
Landscape Planting: Touch damp roots to the inoculum so a small amount sticks to the roots, or sprinkle into planting holes. Potted plants: 0.22 oz/plant (6.15 g/plant). Trees: 0.65 oz/in (7.28 g/cm) of stem caliper.

#### **Part 4: Execution**

Use in accordance with approved submittal for each type of planting required in strict accordance with supplier's instructions and recommendations.

#### **Part 5: Manufacturer's Service**

At the request of specifier provide the services of a qualified technical representative to instruct the user in proper mixing and handling of the product.

#### **Part 6: Verification of Use**

At the request of the specifier invoices for purchases of product may be requested/required. Specifier shall require alternative procedures if product has not been used.

#### **END OF SECTION**

#### **Free Of Charge Services Provided to Specifiers**

We do a take off for you - fax your plant list to us and we will do a take off and fax back to you the amount of materials required for the job.

We introduce your contractors to our products - give us a list of your contractors and we will introduce, educate and provide them with installation information and list of materials for the job.

With toll-free phones and fax lines we are at your service at a moments notice.

We can provide verification to you that the contractor has purchased products.