

DIEHARD™ Bed Prep Usage Calculator* And Specification

Fill in the following information to create you specification for DIEHARD™ Bed Prep.

Worksheet Date

Landscape Architect

Project I.D.

Location of Project

Projected Date of Installation

DIEHARD™ Bed Prep Required As Follows:

Number of	Rate per	Required
Sq. Ft.	100	Required
On Job	Sq. Ft.	For Job

Total Pounds

***When printing the specification you need not print this page as entered information shall automatically transfer to the specification.**

Why use this calculator? Because by specifying the exact amount of materials need for a project you can rest assured your client will see the results that you had in mind. If instead the specification is worded "According to the manufacturers recommended rates, etc.", then the interpretation of application rates is left to the contractor bidding on the job. Ten contractors will likely figure this 10 different ways. Not anymore... Now amounts to use are not left to manipulation. The calculator is a terrific "Internal Auditor" to insure the correct amount DIEHARD™ ingredients are used on a project.



DIEHARD™ Bed Prep Specification For

Worksheet Date

Landscape Architect

Project I.D.

Projected Date of Installation

DIEHARD™ Bed Prep required in pounds

Specifications are as follows:

Product Specification Sheet

DIEHARD™ BED PREP

PART 1: PRODUCT DESCRIPTION

DIEHARD™ Bed Prep is formulated as a preparation to inoculate the ground of high profile landscape beds with beneficial mycorrhizal fungi when planting. It contains highly selected endomycorrhizal fungi that will quickly colonize the roots of new transplants to provide the best possible conditions for the roots to grow and extract from the root zone water and nutrients. The fungi are combined with humic acids, biostimulants, beneficial bacteria; soluble sea kelp, *Trichoderma* and yucca plant extracts to promote rapid root development.

PART II: PRODUCT SPECIFICATION

Endomycorrhizal	27 propagules per cc to include -7 species- <i>Glomus mosseae</i> (5), <i>Gigaspora intraradices</i> (5), <i>Glomus fasciculatum</i> (5), <i>Glomus dussii</i> (3), <i>Glomus deserticola</i> (3), <i>Glomus clarum</i> (3), and <i>Glomus microaggregatum</i> (3).
Ectomycorrhizal	2,160,000 per cc to include - 2 species- <i>Pisolithus tinctorius</i> (1,857,600), <i>Rhizopogon</i> (302,400).
Nitrogen Fixing, Phosphate solubilizing and Growth Promoting Bacteria.	230,400 CFU's per cc <i>Genus Bacillus</i> (32 species), <i>Genus Pseudomonas</i> (2 species), <i>Genus Streptomyces</i> (2 species).
<i>Trichoderma</i>	345,600 CFU's per cc to include <i>Genus Trichoderma</i> (6 species), <i>Gliocladium virens</i> (2 strains), <i>Trichoderma harzianum</i> (2 strains), <i>Trichoderma viride</i> (2 strains).
Humic Acid	10% derived from <i>Leonardite</i>
Sea Kelp Extract	1% <i>Ascophylum nodosum</i>
Yucca Plant Extract	1% <i>Yucca schidigera</i>
Root Promoting Vitamins	B, B2, B3, B6, B7, B12, C, K, Biotin, Fulvic Acid
Amino Acids (Protein)	Animal and Plant Proteins
Horta-Sorb® MD Water Gel Particle Size Percent Soluble Absorption Rate	17% cross linked copolymer 1.0 mm to 2.0 mm, maximum 5 % < 1.0 mm Less than 5 % 300 - 400 times in distilled water

Alternative produces must contain these ingredients to be approved by the Landscape Architect.

PART III: DIRECTION OF USE

Apply product at a rate of 3 lbs per 100 square feet and incorporate into the first 8 inches of soil. Product may be amended into prepared top soils to achieve 3 lbs of product per 100 square feet based upon the depth of soil required. Store product in a dry, cool place being mindful that product is not to be exposed to high heat over 105° F. for periods in excess of four hours.

PART IV: EXECUTION

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

PART V: 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 VI: VERIFICATION OF USE

The contractor will verify use of product by submitting receipts for products purchased equaled to the amount of product as specified by the Landscape Architect. Include project name and ID, and key contract directing the use of product along with receipts.

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.