

DIEHARD™ Flower Bed Usage Calculator*

And Specification

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

Worksheet Date
Landscape Architect
Project I.D.
Location of Project
Projected Date of Installation

DIEHARD™ Flower Bed Required As Follows:

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



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Technology Based * Service Lead * Customer Driven

DIEHARD™ Flower Bed Specification For

Worksheet Date

Landscape Architect

Project I.D.

Projected Date of Installation

DIEHARD™ Flower Bed required in pounds

Specifications are as follows:

Product Specification Sheet

DIEHARD™ FLOWER BED

PART I: PRODUCT DESCRIPTION

All Flower Beds shall be amended with live beneficial mycorrhizal fungi when planting. Product shall contain highly selected endomycorrhizal fungi that will quickly colonize the roots of flowering plants 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 *Trichoderma*, humic acids, beneficial bacteria, soluble sea kelp, and yucca plant extracts to promote rapid root development. To reduce transplant stress and watering maintenance, and to absorb all soluble components of the formulation, a water management gel is added.

PART II: PRODUCT SPECIFICATION

Endomycorrhizal	18.7 Propagules per cc. <i>Glomus mosseae</i> (3.74), <i>Glomus intraradices</i> (3.74), <i>Glomus fasciculatum</i> (3.74), <i>Glomus dussii</i> (1.87), <i>Glomus clarum</i> (1.87), <i>Glomus deserticola</i> (1.87), <i>Glomus microaggregatum</i> (1.87).
Nitrogen Fixing, Phosphate solubilizing, and Growth Promoting Bacteria.	184,000 CFU's per cc to include: <i>Genus Bacillus</i> (32 species), <i>Genus Pseudomonas</i> (2 species), <i>Genus Streptomyces</i> (2 species).
<i>Trichoderma</i>	276,000 CFU's per cc to include: <i>Genus Trichoderma</i> (6species), <i>Trichoderma gliocladium virens</i> (2 strains), <i>Trichoderma harzianum</i> (2 strains), <i>Trichoderma viride</i> (2 strains).
Humic Acid	14% derived from <i>Leonardite</i>
Sea Kelp Extract	33% <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	Minimum 12 grams per pound cross linked copoly- mer 1.0 mm to 2.0 mm, maximum 5 % < 1.0 mm Less than 5 % 300 - 400 times in distilled water
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Alternative produces must contain these ingredients to be approved by the Landscape Architect.

PART III: PRODUCT APPLICATION

Product is to be mixed thoroughly into the first 3" to 6" of soil at the rate of 3 pounds per 100 square feet.

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

- w 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.
- w 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.
- w With toll-free phone and fax lines we are at your service at a moments notice.
- w We can provide verification to you that the contractor has purchased products.