

DIRT[®]

PRESCRIPTION SOIL SOLUTIONS

WE DON'T REPLACE TOPSOIL, WE REPAIR IT

- Improve Organic Matter
- Faster Vegetation Starts and Stronger Stands
- Increase Water Infiltration
- Increase Soil Biology
- Highly Concentrated Formulation
- Homogeneous Prill Technology

- Reduce Compaction and Soil Salinity
- Improve Nutrient Uptake
- Repair Depleted Soils
- Apply via Hydroseeder or Broadcast Method
- Use with New Plantings or All Type of Seedings

**HIGHLY
CONCENTRATED
PRILL**



**HYDROSEEDING – BROADCAST – SEED
TREATMENT**

PEOPLE AND ECO FRIENDLY

**ULTRA LOW USE-RATES AS
COMPARED TO TRADITIONAL SOIL
AMMENDMENT PRODUCTS**

DRY PRILLED FORMULATED PRODUCT

**EASY IN FIELD USE – NO BULKY LIQUID
CONTAINERS TO HANDLE**



Solutions for your Environment[®]



DESCRIPTION

DirtRX is our specially formulated soil amendment and seed inoculant made with specific beneficial soil microbes and humic acids. This natural soil and seed inoculant promotes healthy emergence and greater seedling vigor in a wide variety of plants including natives, grasses, flowers, vegetables, grains, and more.

DirtRX contains a multiple species blend of plant growth promoting rhizobacteria (PGPR) and other beneficial plant growth promoting microorganisms (PGPs). This specially formulated soil inoculant enhances and restores beneficial soil microbe populations to augment the natural organic processes that occur in healthy soils.

The beneficial soil-based microorganisms in DirtRX break down and release vital nutrients (such as phosphorus, nitrogen, calcium, iron, and more) stored in soil particles, making the nutrients more readily available to the plants in forms they can absorb. Plant growth promoting microorganisms produce organic acids and amino acids, which dissolve and make available (chelate) mineral nutrients.

DirtRX assists and speeds nature in decomposition and recycling of organic matter into an important substance known as humus, building richer, healthier soil. DirtRX builds the soil through biological activity and not by physical chemical manipulation. A natural solution to your low organic, poor soil sites.

APPLICATION

Directions for Use:

Always wear approved eye protection and protective gloves.

SUGGESTED USE RATE FOR DIRTRX:

Hydroseeder

16 oz / Acre, 1.12 kg / Hectare. Add DirtRX to tank while mixing prior to application, slowly add the predetermined amount of DirtRX during continual agitation, allow suitable amount of time for granules to disperse. Proceed with Hydro Mulch Application

Dry Application

16 oz / Acre, 1.12 kg / Hectare. DirtRX can be broadcast spread or mixed with seed and or other soil amendments and applied. Ensure that product is evenly distributed throughout mixture prior to application for optimal results. Granular application is effective way to cover large areas efficiently.

Plantings

Infield added product for plug plants or utilized with potting plants. Measure and apply 3 Milligrams per 1 sq.ft. (930 sq. cm) (3 – 5 Prills per Plant) Slowly sprinkle predetermined amount in the planting hole or on top of the potted plant at the time of installation.

Packaging Options

- 24 oz Tilt & Pour Container
- 10 – 24 oz Units Per Case

DirtRX

Prescription Solutions, formulated for use in hydroseeding, broadcast applications and/or as a stand-alone seed treatment product

Physical Characteristics	
Toxicity	Non-Toxic
Applied Color	Clear
Surface Tension	Material will disperse and suspend when agitated in water
Solubility	Water Soluble

Granulation	
Prill Size	1/16" - 1/8"

Packaging and Shipping Data	
Tilt & Pour	24 oz Custom Measuring Unit (10 Units Per Case & Sold Individually)

Ingredients:	
Total Nitrogen (N)	≤1.00%
Available Phosphate (P ₂ O ₅)	≤6.00%
Soluble Potash (K ₂ O)	≤4.00%
Calcium Carbonate (CaCO ₃)	≤1.00%
Non-Toxic Coloring Agent	≤1.00%
Inert Carrier Ingredients	86.99%

Live Beneficial soil microbes of the following types and minimum numbers of colony forming units (CFUs) per gram:	
Arthrobacter globiformis	1X10 ⁵ cfu/g
Azospirillum brasilense	1X10 ⁶ cfu/g
A. lipoferum	1X10 ⁵ cfu/g
Azotobacter chroococcum	1X10 ⁵ cfu/g
A. paspali	1X10 ⁴ cfu/g
A. vinelandii	1X10 ⁵ cfu/g
Bacillus amyloliquefaciens	1X10 ⁶ cfu/g
B. atrophaeus	1X10 ⁵ cfu/g
B. licheniformis	1X10 ⁵ cfu/g
B. megaterium	1X10 ⁵ cfu/g
B. pumilus	1X10 ⁴ cfu/g
B. subtilis	1X10 ⁵ cfu/g
Brevibacillus brevis	1X10 ⁶ cfu/g
Micrococcus luteus	1X10 ⁵ cfu/g
Pseudomonas fluorescens	1X10 ⁵ cfu/g
P. putida	1X10 ⁶ cfu/g
Rhodospseudomonas palustris	1X10 ⁴ cfu/g
Rhodospirillum rubrum	1X10 ⁴ cfu/g
Streptomyces griseus	1X10 ⁴ cfu/g

Live beneficial Mycorrhizal fungi of the following types and minimum Propagules per gram (PPG):	
Glomus intraradices:	1X10 ¹ PPG
Glomus mosseae:	1X10 ¹ ppg
G. etunicatum:	1X10 ¹ PPG
Glomus aggregatum:	1X10 ¹ PPG



For More Information
Visit www.hydrostraw.com

PHONE: 800-457-6748
www.profileproducts.com

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Storage and Handling Instructions for Microbes:
Store Below 120° F • Avoid Storage in Direct Sunlight • Do Not Swallow • Keep out of reach of children & pets

READ AND UNDERSTAND ENTIRE LABEL PRIOR TO USE