



soilDEFENDER

ENVIRONMENTAL CONSTRUCTION SOLUTIONS

PROFESSIONAL VEGETATIVE BLEND

soilDEFENDER™ is a new generation of patented seed technology that gives you firstTIME™ solutions. The blended seed mixture is scientifically designed for erosion and sediment control where quick and rapid vegetation is a necessity.



Powered by **groSMART** technology, soilDEFENDER™ is pre-treated with different patented and proprietary technologies.

CHARACTERISTICS:

- Patented seed treatment for fastest establishment
- Persistent and long-lasting erosion control mixture
- Perennial survivability
- Natural nitrogen production for reduced nitrogen needs
- Rhizomatous (sod forming) species that develop quickly from seeds
- Stoliferous legume which assists in holding soils in place

soilDEFENDER™ Erosion Seed Mixture is ideal for seeding roadsides, diversion ditches, high grade slopes, reclamation sites, channels, and all other erosion prone areas.

- **Prudent 44:** 44% Phosphoric acid + 14% Nitrogen. Provides unique ability to prevent disease before and after seeding. Each seed is treated with the nitrogen from Prudent 44, helping establish quickest germination and lasting vegetation.
- **KaPre Remed8:** 2% Vermacompost + 1% Kelp Extracts. Unique form of humic acids and microbial populations to feed soil and maintain moisture throughout soil profile, helping establish quickest germination and lasting vegetation.
- **Krystal Klear Turf Mix:** A patented chelated nutrient package containing iron, Manganese, Copper, Boron and other essential nutrients to provide quickest germination and lasting vegetation.
- **KaPre Embella:** A proprietary blend of wetting agents, proteins, and natural growth promoting agents. Dramatically increases the water holding capacity of soil and seed, helping establish quickest germination and lasting vegetation.
- **Nutrol:** 50% P₂O₅ and 32% K₂O, making it one of the most concentrated water soluble nutritional available. The K₂O aids in cell wall strength during stressful growing seasons (summer and winter). The P₂O₅ is an immediately, readily available macronutrient that enhances quicker germination. Nutrol is a non-toxic, powerful biopesticide that prevents new seedlings from 'dampening off.'

Warm Season Mixture:
• 68.5% Tall Fescue
• 10% Common Bermudagrass
• 4% White Clover
• 8% Annual Rye
• 8% Foxtail Millet
• 1.5% Weeping Lovegrass

Cool Season Mixture:
• 72.5% Tall Fescue
• 2.5% Red Top
• 12% Annual Ryegrass
• 8% White Clover
• 5% Perennial Ryegrass

SEEDING RATE:
200 - 250 lbs. per acre (70.72 - 113.40 kgs. per hectare)

soilDEFENDER™ can be planted by broadcasting, drilling, or hydraulic seeding. Due to the mixture of like grasses, no additional seed requirements are needed and planting can be made throughout the designated timeframe.



ROANOKE • CHARLOTTESVILLE • RICHMOND • VIRGINIA BEACH • CHANTILLY

www.environmentalbmp.com

