



soilDEFENDER

Reclamation Mix



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

CHARACTERISTICS:

Low Growing, Low Maintenance Seed Mixture

- *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*
- *Stoloniferous legume which assists in holding soils in place*
- *Long-term Low Maintenance Plan*

• **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 bio-pesticide 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:

- 78% DTT Tall Fescue
- 7.5% Annual Ryegrass
- 7% Perennial Ryegrass
- 5% Chewings Fescue
- 2.0% White Clover
- 0.50% Red Top

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.

SEEDING RATE:

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



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soilDEFENDER™ Reclamation Mix saves the contractor time and money and provides quicker, deeper vegetation establishment that is sustainable for the long-term. soilDEFENDER works on a variety of projects and can be broadcast, drill-seeded or used in hydroseeding.

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



Hydroseeding



Solar and Energy



Highway and General Construction Sites



Sediment Basins, Diversion Ditches & Channels



Stormwater Ponds



Steep Slopes



Landfill Closure & Daily Seeding



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