

EARTHSHIELD™ GROTAC

TACKIFIER AND GROWTH STIMULANT



Custom formulated to meet your erosion control needs.

GroTac

Tackifier and Growth Stimulant

GroTac is a polyacrylamide (PAM) tackifier and bio-growth stimulant that is an all natural product. The microbials in the GroTac material are specifically formulated to enhance biological activity in the soil profile that helps to strengthen and protect plantings, transplants and seedings. The diverse microbial formulation of GroTac is designed to promote rapid establishment in the soil that is surrounded by the roots of a plant. This formulation helps plants build resistance to environmental extremes such as heat, cold, drought, and it helps to minimize the incidence of nutrient leaching. GroTac also helps to stabilize the soil pH by increasing humus levels.



ADVANTAGES:

- Promotes rapid establishment of seed
- Improves soil structure
- Stabilizes soil PH
- Decomposes organic matter and pesticide residue
- Resistant to heat, cold and drought

EARTHSHIELD™ GRO-TAC

Benefits of the microbial components in the GroTac:

Bacillus, Geobacillus & Paenibacillus

- Enhance plant growth, decompose organic matter and pesticide residues. Nitrogen fixation. Solubilize minerals including phosphorous for plant availability. Enhance seed germination and viability of emerging seedling

Pseudomonas

- Stimulates natural plant growth hormones
- Nitrogen fixation

Streptomyces

- Decompose organic matter
- Improves soil structure
- Enhance nutrient uptake by extending root system with thread like hyphae

Trichoderma

- Nutrient solubilization
- Prolific enzyme producers
- Improve soil structure
- Stimulates natural plant growth

Saccharomyces

- Produces B group vitamins
- Stimulates plant growth
- Enzyme producer

Nutrient package

Nutrients selected are targeted to enhance growth and proliferation of the specific microbial species contained in the formulation.

Contents:
Co-polymers, humates, amino acids and vitamins.
(NOT A PLANT FOOD)

DIRECTIONS FOR USE

Introduce the appropriate amounts of GRO-TAC into the hydroseeding mixing tank according to machine manufacturer's directions, agitate mixture thoroughly. The total amount of GRO-TAC added will vary depending on amount of area to be covered as shown in the table below and desired viscosity of the mix.

Application Rate

Slope	Flat	4:1	3:1	2:1	1:1
Lbs/Acre	5	7	9	12	15

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