



Soil Stabilization Granules



Designed for Flexible Application and Effective Erosion Control

Seed Aide® Aero™ may be applied dry or hydraulically, making it a versatile and cost-effective solution where conventional erosion control equipment access is limited or unavailable, or for small-scale jobs using jet-agitated hydroseeders. It is ideal for a range of conditions, including: remote sites, dryland reclamation, post-fire reclamation, pipeline restoration, drilling pads and aerial applications. Seed Aide Aero is a blend of pelletized recycled newsprint and clean wood shavings, a linear anionic soil flocculant, hydro-colloidal polymers and a seaweed extract biostimulant formulated into unique granules. These granules release the proprietary Seed Aide Aero formulation to help keep soil in place, increase moisture retention and promote vegetation establishment.

SEED AIDE AERO

- Flexible application—apply aerially, hydraulically, with a high-volume drop spreader, large-opening broadcast spreader or by hand
- Holds soil in place—upon wetting, the mulch granules expand and release linear anionic soil flocculant to bind soil particles, increase water infiltration/retention and reduce sediment loss
- Creates seed-to-soil bond—the hydro-colloidal polymers create an effective bond to hold seeds in place and improve erosion control effectiveness
- Promotes germination—the expanded cellulose/wood granules hold water, reduce soil surface evaporation and deliver the biostimulant to enhance germination and growth

YOUR TRUSTED PARTNER IN SOIL SOLUTIONS™

By creating products using Green Design Engineering,™ Profile Products has become the world's largest combined supplier of hydraulically applied erosion control products, hydraulic mulch and agronomic accessories, turf reinforcement mats and erosion control blankets. We are a leader in erosion control and revegetation science and many of today's industry standards were innovations introduced by Profile. Our leadership continues through on-site consultative services, aggressive research and development, active support of trade associations and educational forums designed to advance the industry's effectiveness and professionalism.

Seed Aide® Aero™ Specification

This section specifies a soil stabilization granule composed of pelletized recycled newsprint and wood fiber shavings, a linear anionic soil flocculant, hydro-colloidal polymers and a seaweed extract biostimulant. The soil stabilization granule forms a bond with the soil surface to provide temporary erosion control, rapid germination and accelerated plant growth.

The Soil Stabilization Granule shall be Seed Aide® Aero™ and conform to the following performance values when uniformly applied at a rate of 2250 lb/ac (2522 kg/ha) under specified conditions at the Utah Water Research Laboratory.

Bed Slope: 2.5H:1V
Rainfall Rate: 5 in/hr
Duration: 30 min

PERFORMANCE	TEST METHOD	ENGLISH	SI
Cover Factor ¹ (5 in/hr event)	Large Scale Testing	0.18	0.18
% Effectiveness ²	Large Scale Testing	82%	82%

1. Cover Factor is calculated as soil loss ratio of treated surface versus an untreated control surface.

2. % Effectiveness = One minus Cover Factor multiplied by 100%.

COMPOSITION

- Recycled newsprint—70%
- Clean wood shavings—22.4%
- Linear anionic soil flocculant and hydro-colloidal polymers—7.5%
- Seaweed extract biostimulant—0.1%
- Formulation pelletized and granulated to form Seed Aide Aero granules

INSTALLATION

Examine substrate and conditions where materials will be applied. Apply product to geotechnically stable slopes that have been designed and constructed to divert runoff away from the face of the slope. Do not proceed with installation until satisfactory conditions are established.

Strictly comply with manufacturer installation instructions and recommendations. Use approved mulch-spreading machines. To achieve performance characteristics as documented, granules must be activated by water.



Application Rate: 1000 lb/ac

DIRECTIONS FOR USE

Seed Aide Aero should be applied at recommended rates shown below.

SLOPE GRADIENT/CONDITION	ENGLISH	SI
≤ 6H:1V	450-600 lb/ac	500-700 kg/ha
> 6H:1V to ≤ 4H:1V	600-1000 lb/ac	700-1150 kg/ha
> 4H:1V to ≤ 3H:1V	1000-1500 lb/ac	1150-1700 kg/ha
> 3H:1V to ≤ 2H:1V	1500-3000 lb/ac	1700-3400 kg/ha

Consult comprehensive CSI formatted Seed Aide Aero specification for additional details.



Application Rate: 3000 lb/ac

PACKAGING

Net Weight: 50 lb, UV and weather-resistant plastic film
 Pallets: Weather-proof, stretch-wrapped with UV resistant pallet cover,
 40 bags/pallet, 1 ton/pallet



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