



SEED AIDE® Seed Establishment Mulching Granules



Only Seed Aide® combines cellulose & wood fiber mulch, organic tackifier and bio-stimulant for superior turf establishment.

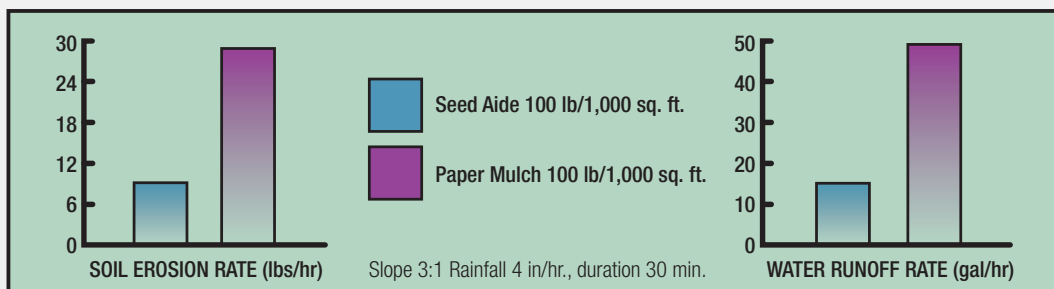
- Expanding cellulose/wood fiber mulch granules enhance germination and seedling emergence by holding seed in place and absorbing water
- Organic tackifier reduces soil erosion, water runoff and seed wash out
- Biostimulant increases root mass and stress tolerance for better grass establishment
- Tests prove that granular properties and texture result in greater water absorption and soil coverage than competing brands
- Can be applied by hand, with high-volume drop spreader or large-opening broadcast spreader
- Ideal for small-area repairs, or as a leave behind for touch up work on larger, hydraulic mulch projects
- Completely weed-free

Seed Aide Physical Properties

Cellulose Fiber	.54.5% +/-2 max.
Wood Fiber	.20% min.
Clay	.15% max.
Organic Tackifier	.1% min.
Moisture Content	.10% +/-2 max.
Seaweed Extract	<1%
Marker Dye	<1%
Water Holding Capacity	.400% min.
C Factor 3:1 Slope	.0.15

Seed Aide® Out-Performs Other Granules

(University Tested)



At comparable application rate of 100 lbs per 1000 sq ft, Seed Aide reduced soil erosion by 68.9% and water runoff by more than 63.2% versus the competitor's paper pallets.

Seed Aide Mulching Granules at the 100 lb rate yielded a higher percentage of germinating seed and greater plant growth than a comparable application of paper mulch.



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DRY-APPLIED FIBER MULCHES

General

1.01 SUMMARY

- A. This section specifies a dry-applied wood cellulose fiber mulch for [turf grass establishment].
- B. Related Sections: Other Specification Sections that directly relate to the work of this section include, but are not limited to, the following:
1. Section 01570 - Temporary Erosion and Sediment Control.
 2. Section 02300 - Earthwork; establishment of subgrade.
 3. Section 02370 - Erosion and Sedimentation Control.
 4. Section 02920 - Lawns and Grasses.

1.02 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions. Include required substrate preparation, list of materials and application rate.

1.03 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials and products in factory-labeled packages. Store and handle in strict compliance with manufacturer's instructions and recommendations. Protect from weather damage, excessive temperatures and construction operations.

PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. PROFILE Products LLC
 750 Lake Cook Road – Suite 440,
 Buffalo Grove, IL 60089
 800-654-8793
 (Fax 847-215-0577)

2.02 MATERIALS

- A. Wood Cellulose Fiber Mulch: PROFILE Seed Aide® by PROFILE Products LLC with the following characteristics:
1. *Materials: Cellulose fiber, clean raw lumber wood chips, organic tackifier, clay, bio-stimulant, dark green dye*
 2. *pH Range: 6.7 +/- 1.*
 3. *Moisture Content: 10 +/-2% maximum.*
 4. *Wood Fiber Content: 20% minimum.*
 5. *Paper Fiber Content: 54.5% maximum.*
 6. *Organic Tackifier: 1% minimum.*
 7. *Clay Content: 15% maximum.*
 8. *Bio-stimulant: trace amount.*
 9. *Water Holding Capacity: 400% minimum.*
 10. *“C” factor: 0.15 – 85% effective at controlling erosion on a 3:1 slope at an applied rate of 100 lbs per 1000 square feet, 4 inch per hour rain event – 30 minute test duration.*
 11. *Packaging: 50 lb UV resistant bags, with UV resistant pallet cover.*

EXECUTION

3.01 SUBSTRATE PREPARATION

- A. Examine substrates and conditions where materials will be applied. Do not proceed with installation until unsatisfactory conditions are corrected. Only apply product to geotechnically stable slopes that have been designed and built to divert the watershed away from the face of the slope, therefore eliminating surface-flow energy from above from damaging the slope face.

3.02 INSTALLATION

- A. Strictly comply with manufacturer's installation instructions and recommendations. Use approved mulch-spreading machines. Do not exceed maximum slope length of 25 feet when slope gradients are steeper than 4 to 1. Install materials at the following application rates:

Dry Application:

- Flat to 5:1 Slope: 60 – 75 lbs/1000 sq. ft
- 5 to 1:3 to 1 Slope: 75 lbs/1000 sq. ft
- Greater than 3:1 Slope: 100 lbs/1000 sq. ft

3.03 CLEANING AND PROTECTION

- A. Clean spills promptly. Advise Owner of methods for protection of sprayed areas.



Seed Aide Typical Application Rate

- Modest to 4:1 Slope75 lbs./1000 sq. ft.
 3:1 Slope100 lbs./1000 sq. ft.

Packaging

- Net Weight: 50 lb. bag
 Shipped: 40 bags, 42x48 pallet with UV pallet cover

Directions for use

Prepare seedbed, apply seed and fertilizer to soil. Cover seeded area with mulching granules at the recommended application rate. Water thoroughly. After one rain event, your seeded area will be stabilized, significantly reducing soil-surface erosion.