StarTak® 600

StarTak® 600 is a cost effective, modified organic tackifier for use in revegetation and hydroseeding applications.

Tackifying

StarTak 600 acts as an adhesive to bind soil, fiber and seed particles together. StarTak 600 adhesive properties help temporarily control the effects of wind and water erosion during seed germination and plant establishment.

StarTak 600 can be used as a:

• Hydroseeding mulch tackifier
• Straw/hay overspray binder
• Soil stabilization/dust abatement agent

Lubricant

By lubricating the slurry mix, StarTak 600 helps reduce plugging problems and ultimately equipment wear and tear.

Moisture Retention

StarTak 600 helps improve seed germination rates and reduce irrigation frequency in mulch applications. The hydrophilic nature of its organic polymer allows the product to readily absorb and retain water.

Maximum Mixing Ratio

During use in hydromulch tanks, StarTak 600 can be pumped at a rate up to 8 bags of product per 3,000 gallons of water. This helps save valuable time and money.

Cost Effective

Offering a consistent price point year-round, StarTak 600 is one of the most economical tackifiers available on the market. It provides excellent performance at a fraction of the cost of other gum-based or synthetic products.

Environmentally Safe

Derived from 100% natural starch polymer, StarTak 600 is free of odors, contaminants, toxins and weed seed residue. In addition, its application is safe for the environment, plants and animals.

Availability

Unlike other imported polymer tackifiers, StarTak 600 is completely manufactured in the United States. For your convenience, it is packaged in 50 and 25 pound bags of **powder** or easily dispersible **flakes**. For additional information, samples or technical assistance in using StarTak 600 or any other Chemstar product please contact 1-800-328-5037 or info@chemstar.com

Physical Properties

	StarTak 600
Bulk Density (lb/ft^3)	20 – 35 (Powder) 20 – 25 (Flake)
Ash (%)	< 8
pH	6.5 – 9.0
Particle Size (% thru) Powder	100 (-) 850 micron
Particle Size (% thru) Flake	100 (-) 4750 micron
Moisture Content (%)	12 Max
Water Holding Capacity (%)	> 1000
Settleable Solids (%)	0

Soil/Dust Control

Depending on the type of soil, usage varies 40 – 80 lb/acre. To garner improved performance, add 200 lb of fiber mulch.

Lubricant

Add 1 – 2 lb of StarTak 600 per 100 lb of mulch fiber.

Application

Fiber Mulch Binder	StarTak 600
4:1 Slopes or Less	40 – 65 lb/acre
2:1 Slopes or Less	65 – 90 lb/acre
1:1 Slopes and Loose Soils	90 – 110 lb/acre

Straw Tackifier	StarTak 600
3:1 Slopes or Less	40 lb/acre
2:1 Slopes or Greater	50 lb/acre
High wind areas	70 lb/acre

Mixing Procedure

StarTak 600 - Powder

1. Fill tank with water to the bottom of the agitator.
2. Start the agitator and set it to the maximum RPM level.
3. Continue to fill the tank while slowly adding StarTak 600*. *Please Note: Rapid addition of the tackifier may cause excessive balling.
4. Add seed, fiber mulch and fertilizer.

StarTak 600 - Flake

1. Fill tank with water to the bottom of the agitator.
2. Start the agitator and set it to the maximum RPM level.
3. Continue to fill the tank while slowly adding StarTak 600*. *Please Note: Since flakes hydrate slowly over 10 minutes, gel balling **will not** occur.
4. Add seed, fiber mulch and fertilizer.

Please Note: It is advisable to remove overspray from asphalt concrete surfaces immediately following application.

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