



## Hydrostraw Guar Plus Vegetation Establishment Mulch

HydroStaw Guar Plus is designed to provide extra protection on difficult sites where slopes, soil conditions or weather call for extra erosion protection ability. HydroStaw's manufacturing process utilizes pressure and heat to break down the straw into a more fibrous material with greater surface area. This results in greater soil coverage, higher water retention and increased productivity, which lowers project costs. It also includes a high-strength polymer binder to ensure smooth hydro seeder operation.

### FEATURES

- Fiber with tackifier to thermally refined straw fiber with tackifier
- Contains 4% Guar (80lbs per 2000/lbs of Mulch)
- Load More Spray More – Use Less Water

## DESCRIPTION

HydroStraw® Guar Plus is a hydraulically applied mulch with a specially formulated composition of annually renewable wheat straw fibers, natural fibers for fiber matrix entanglement, a non-toxic soil stabilizer and non-toxic green colourant.

## SPECIFICATIONS

Hydrostraw Guar Plus is a pre-blended product that does not require the addition of tackifier during the mixing process, providing maximum efficiency and consistent slurry quality. HydroStraw Guar Plus includes an additive to reduce guar gum break down by rain fall events. Guar gum tackifier enhances the chemical bond within the mulch matrix for better erosion control, dispersing quickly in water, which allowing for better blending with seed and fertilizer.

Non-toxic and environmentally safe, maximum slope length of 30 feet, use approved for mechanically agitated equipment for optimum pumping and application performance.



| COMPOSITION                                      |              |
|--|--------------|
| Heat & Mechanically Treated™ (HMT) - wheat straw | 80% ± 1.0%   |
| Natural Fibers                                   | 6.0% ± 1.0%  |
| Moisture   | 10.0% ± 1.0% |
| Guar Based Tackifier                             | 4.0% ± 1.0%  |

| MIXTURE RATES |                        |                      |
|---------------|------------------------|----------------------|
| Hose Work     | 60 lbs per 100 gallons | 27 kg per 379 Liters |
| Tower Work    | 75 lbs per 100 gallons | 34 kg per 379 Liters |

Hose rate may vary dependent upon hydroseeding type and/or size and length of hose used.

| SLOPE GRADIENT/<br>CONDITION | LB/ACRE              | KG/HECTARE          |
|------------------------------|----------------------|---------------------|
| ≤ 4:1                        | 2,000 lbs/ac         | 2,250 kg/ha         |
| ≤ 3:1                        | 2,000 - 3,000 lbs/ac | 2,250 - 3,350 kg/ha |
| ≤ 2:1                        | 3,000 - 4,000 lbs/ac | 3,350 - 4,500 kg/ha |
| Soil Moisture Retention      | 2,000 - 3,500 lbs/ac | 2,250 - 4,000 kg/ha |

