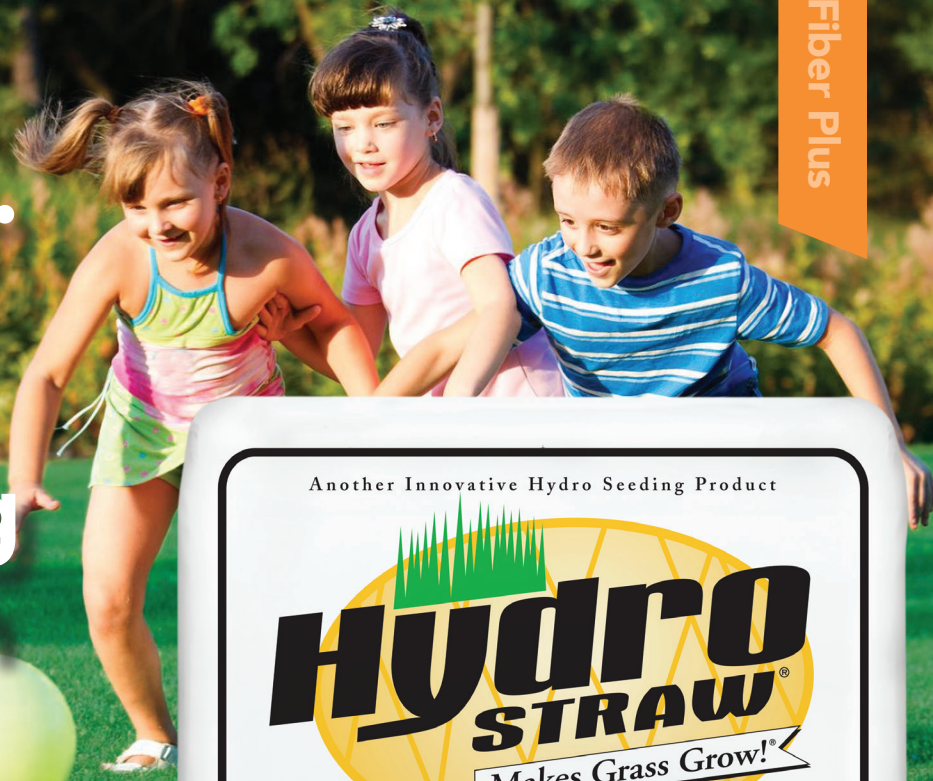


THE NATURAL PROGRESSION

Cellulose Fiber Plus

CELLULOSE FIBER PLUS...
...another innovative hydroseeding product from Hydrostraw



- Easy to Spray
- No Paper Mache' Effect
- Improved Vegetation
- All Natural Fibers
- No Recycled News Print/Ink

HydroStraw® Cellulose Fiber Plus is a hydraulically applied mulch with a specially formulated composition of annually renewable wheat straw fiber, cellulose fibers, natural fibers for fiber matrix entanglement, and a non-toxic soil stabilizer to increase application efficiencies. This product mixes quickly and sprays easily for uniform slurry distribution during application. An innovative, environmentally friendly product.

Cellulose Fiber Plus



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HydroStraw, LLC
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VEGETATION ESTABLISHMENT MULCH

THE NATURAL PROGRESSION

DESCRIPTION

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

SPECIFICATIONS

The primary fibers shall be produced from annually renewable wheat straw fiber and cellulose fiber; all fiber materials should be free from plastic materials or other non bio-degradable substances. Fiber shall not contain recycled news print or ink. Fiber shall be of such character that the fiber will disperse into a uniform slurry when mixed with water. Fiber shall be colored green, and shall not stain concrete or other surfaces. Fiber and other mulch ingredients shall be free from growth or germination inhibiting ingredients. Mulch Fiber shall be applied as a slurry solution by means of hydro seeder.

Increased performance can be achieved by mixing infield a hydro-colloid tackifier such as FiberRX or guar per manufacturer's recommended rates. It is imperative that the mulch be applied at the specified rate: too wet of a mixture will cause the fibers to be buried into soil. Mulch Fiber shall be applied at the specified rate per the specifications in a uniform manner. Care shall be exercised to ensure that the mulch application is uniform and even throughout the seeded area; mulch shall not be bunched or clumped up on the site. Care shall also be taken as to not create a shadowing effect on the site, mulch applications shall be started on the windward side of the project.

When sprayed uniformly at the recommended rate, the mulch fibers form an absorbent mulch cover which will allow percolation of water and increased water infiltration to the underlying soil matrix.

COMPOSITION	
Heat & Mechanically Treated™ (HMT) - wheat straw	54.0% ± 1.0%
Cellulose Fibers	30% ± 1.0%
Natural Fibers	4.0% ± 1.0%
Non-Toxic Soil Stabilizer	2.0% ± 1.0%
Moisture	10% ± 2.0%

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 Work Rate may vary dependent on hydroseeder type and/or size and length of hose used

SLOPE GRADIENT/ 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



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