

# THE NATURAL PROGRESSION

HYDROSTRAW  
**STRAW LOCK...**  
 ...another  
 innovative  
 hydroseeding  
 product from  
 HydroStraw



- Lock Down Your Blown Straw
- Contains 100% Natural Fibers
- No Additional Binders Needed
- Specifically Formulated to Bind Blown Straw
- No Additional Infield Mixing Required
- Easy to Apply Over Blown Straw
- Contains 4% Tackifier

HydroStraw® Straw Lock: Our objective is to produce long pliable straw fibers that have been through our Heat & Mechanically Treated Process HMT™ that allows them to interact with the Cellulose Fiber, organic fibers and glues to lock the blown application of fibers together. The Cellulose Fiber component is added to enhance the locking down of the straw fibers, keeping them in place.

HydroStraw® Straw Lock: The goal is to cover and coat the conventionally blown straw together to reduce its ability to be removed by the wind. The blown straw is in contact with the soil. The HydroStraw Straw Lock is to be applied in a high viscosity slurry to keep the slurry in contact with the blown straw.



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## VEGETATION ESTABLISHMENT MULCH

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### DESCRIPTION

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

### SPECIFICATIONS

HydroStraw® StrawLock uses a proprietary blend of binders and natural fibers that lock down the blown straw treatment. The primary fiber shall be produced from annually renewable wheat straw fiber; all fiber materials should be free from plastic materials or other non bio-degradable substances. Fiber shall be of such character that the fiber will disperse into 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 hydroseeder. It is imperative that the mulch be applied at the specified rate, in addition, too wet of a mixture will cause the fibers to be buried into the blown straw and render the fiber and binders less effective. 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 blown straw area; mulch shall not be bunched or clumped up on the site. Care shall also be taken to ensure that the blown straw treatment is adequately covered to lock it down in place and reduce potential blowing. Mulch applications shall be started on the windward side of the project.

COMPOSITION	
Heat & Mechanically Treated™ (HMT) - wheat straw	66.0% ± 1.0%
Natural Fiber for Matrix Entanglement	10.0% ± 1.0%
Cellulose Fibers	10.0% ± 1.0%
Moisture	10.0% ± 1.0%
Proprietary Crossed Linked 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 Work Rate may vary dependent on hydroseeder type and/or size and length of hose used

APPLICATION RATE	
500 - 750 lbs/ac	560 - 850 kg/ha



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Profile Products LLC • 22110 S. State  
Route 27 • Rockford, WA 99030