

Product Evaluation

RE: Review of HydroStraw Cellulose Fiber Plus

PRODUCT

HydroStraw Cellulose Fiber Plus is a Hydraulic Mulch manufactured and distributed by HydroStraw LLC, Rockford, Washington.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

HydroStraw Cellulose Fiber Plus provides uniform coverage, quicker and easier loading procedures and uses less water than other mulches. Fifty percent more mulch can be added and applied to fifty percent more area per tank and save on time filling the tank. Product web link:

www.hydrostraw.com

DESCRIPTION:

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

POTENTIAL USAGE:

Erosion control of slopes (highways), golf courses, residential and commercial landscaping.

STANDARDS:

HydroStraw Cellulose Fiber Plus Application Rates

Slope \leq 4:1, Application rate 2242 kg/Ha (2000 lbs/ac)

Slope \leq 3:1, Application rate 2242 kg/Ha (2000 lbs/ac) – 3363 kg/Ha (3000 lbs/ac)

Slope \leq 2:1, Application rate 3363 kg/Ha (3000 lbs/ac) – 4484 kg/Ha (4000 lbs/ac)

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has experience with similar types product.

APPLICATION STANDARDS:

Alberta Transportation has standard specifications for seeding and fertilizing - Erosion and Sediment Control Manual 2011 BMPs 22 Seeding, 24a Hydro-seeding and 24b Hydro-mulching

RECOMMENDATIONS:

HydroStraw Bonded Fiber Matrix to be listed as a Potential Product under Alberta Transportation Products List, Erosion Control – Hydraulic Erosion Control Product – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

Rishi Adhikari

cc New Product Evaluation Standing Committee – Roger Skirrow