

Product Evaluation

RE: Review of HydroStraw Fiber RX

PRODUCT

HydroStraw Fiber RX is a tackifier manufactured and distributed by HydroStraw LLC, Rockford, Washington.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

HydroStraw Fiber RX increases flow and pumping volumes allowing equipment to run more efficiently and help reduce the need for reseeding while minimizing soil erosion. It is free from growth or germination inhibiting ingredients. Product web link: www.hydrostraw.com

DESCRIPTION:

HydroStraw Fiber RX is a non-asphaltic, natural tackifier. It is in the form of fine granulations of guar gum. When mixed with water it disperses into uniform slurry. It is applied by means of hydroseeder.

POTENTIAL USAGE:

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

STANDARDS:

HydroStraw Fiber RX Application Rates

Slope 4:1 - 3:1, Application rate 45 - 56 kg/Ha (40 - 50 lbs/ac)

Slope >2:1, Application rate 67 - 90 kg/Ha (60 - 80 lbs/ac)

Straw Binding, Application rate 67 - 101 kg/Ha (60 - 90 lbs/ac)

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has no experience with this 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, and 35 Straw Mulching & Crimping

RECOMMENDATIONS:

HydroStraw Fiber RX 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