

Product Evaluation

RE: Review of Rainier Fiber Plus Tacifier

PRODUCT

Rainier Fiber Plus Tacifier is a Hydraulic Mulch manufactured by Rainier Veneer Inc. Spanaway Washington, USA and distributed in Alberta by Grizzly Peak Revegetation Inc., Priddis Greens, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

Rainier Fiber Plus Tacifier is 100% virgin wood fiber mulch for use in hydraulic planting with the extra holding power of a tacifier. When applied over the soil surface, the fibers tend to twist and lock with each other as they dry. With tacifier, the holding power of the fiber to the soil is stronger, thus providing increased erosion protection. The tacifier also holds the seeds in place and gives extra lubricity to the slurry, which makes pumping and application easier. Product web link: <https://fibermarketing.com/rainier-supreme/>

DESCRIPTION:

Rainier Fiber Plus Tacifier is hydraulically applied mulch with the composition of heat and mechanically treated wood fibers and Guar gum Tackifier.

POTENTIAL USAGE:

Erosion control of highway slopes, golf courses, residential and commercial landscaping.

STANDARDS:

Rainier Fiber Plus Tacifier Application Rates
Slope \leq 5:1, Application rate 2017 kg/Ha (1800 lbs/ac)

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has experience with similar type products.

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
Caveat: This product is to be used on the slope flatter than 4H: 1V.

RECOMMENDATIONS:

Rainier Fiber Plus Tacifier to be listed as a Proven Product under Alberta Transportation Products List, Erosion Control – Hydraulic Erosion Control Product – Proprietary, based on the information provided.

TRIAL PROJECTS

Various locations in HWY 63:04, 63:06, 63:08, 63:10 (example S. of House River)

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