

Product Evaluation

RE: Review of MulchMax 101 Wood Hydro Seeding Mulch

PRODUCT

MulchMax 101Wood Hydro Seeding Mulch is manufactured by Synermulch Erosion Control Products Inc Calgary and distributed by Nilex.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

MulchMax 101wood hydro seeding mulch is the practical solution for standard hydro-seeding requirements where productivity matters. The blend of wood and high performance flexible bast fibres allow MulchMax 101wood to closely contour to the soil while maintaining the traditional cover of wood. Product web link: www.nilex.com

DESCRIPTION:

Ninety gallons of water required for every 50lbs bag of mulch. Functional longevity is of six months. For standard application, the application rate is of 1,000 to 1,500 kg/ha and for hydroseeding on rough surfaces, the application rate is of 2,000 kh/ha. Fertilizer and seeds can be mixed with mulch and applied on the prepared surface.

POTENTIAL USAGE:

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

STANDARDS:

ASTM D7322

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, 23 Mulching, 24a Hydro-seeding and 24b Hydro-mulching.

RECOMMENDATIONS:

MulchMax 101 Wood 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