

Product Evaluation

RE: BMP Standard Double Net Straw (SDNS) 100% Straw

PRODUCT INFORMATION

Product Name: BMP Standard Double Net Straw (SDNS) Manufacturer: BMP Supplies Inc. Brooks, AB
Website: www.bmpsupplies.com/ Supplier: BMP Supplies Inc. Brooks, AB

VENDOR CLAIMS AND INFORMATION

CLAIMS

The BMP Standard Double Net Straw (SDNS) Erosion Control Blanket is made of two synthetic nets filled with weed-free agricultural wheat straw. Designed for use on mild slope and channel applications, these short-term blankets are designed to reduce soil erosion and channel sedimentation through a combination of physical and biological means. The Blanket provides an effective and cost-efficient solution to soil erosion and sedimentation control. These blankets also offer a protective vegetative cover that aids in reducing water velocity and sedimentation.

DESCRIPTION

The BMP- SDNS Erosion Control Blankets are of sizes 8' X 112.5', 8' X 562.5', 16' X 112.5' and 16' X 562.5'. Made in Alberta, BMP-BDNS is packaged with clear shrink wrap and a green label.

POTENTIAL USAGE

Typical applications are for highway ditches, and embankments.

STANDARDS

- ASTM D 7207 - Determination of Unvegetated RECP Ability to Protect Soil from Hydraulically-Induced Shear Stresses Under Bench-Scale Conditions
- ASTM D 7322 - Determination of Temporary Degradable RECP Performance in Encouraging Seed Germination and Plant Growth
- ASTM D 7101 - Determination of Unvegetated RECP Ability to Protect Soil from Rain Splash and Associated Runoff Under Bench-Scale Conditions

ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS

EXPERIENCE

Transportation and Economic Corridors has experience with similar products.

APPLICABLE STANDARDS

Transportation and Economic Corridors standard for Rolled Erosion Control Products is documented in Transportation and Economic Corridors Products List, and Erosion, and Sediment Control Manual BMP #13.

RECOMMENDATIONS

BMP Standard Double Net Straw (SDNS) be listed as a Potential Product under Transportation and Economic Corridors Products List, Erosion Control Systems, Rolled Erosion Control Blankets – Temporary RECPs – Type A – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat: This product is to be installed on slopes 3H:1V or flatter

TRIAL PROJECTS

Rishi Adhikari
cc New Products Evaluation Group – Kristen Tappenden,