

## Product Evaluation

### RE: Review of HydroStraw Original Formulation

#### **PRODUCT**

HydroStraw Original Formulation is a Hydraulic Mulch manufactured and distributed by HydroStraw LLC, Rockford, Washington.

#### **VENDOR CLAIMS AND INFORMATION**

##### **CLAIMS:**

HydroStraw Original Formulation is derived from turfgrass straw and has been lightly processed into long-fibered flowable straw mulch that mixes readily into uniform slurry. Combined with special binding material, this material makes porous yet strong and seed friendly mulch when correctly applied to the soil surface. The mulch is free from growth or germination inhibiting ingredients. Product web link: [www.hydrostraw.com](http://www.hydrostraw.com)

##### **DESCRIPTION:**

HydroStraw Original Formulation hydraulic mulch is composed of wheat straw fiber, other natural fibers, and non-toxic soil stabilizer. Mulch fibre is applied as a slurry solution by means of hydro-seeder.

##### **POTENTIAL USAGE:**

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

##### **STANDARDS:**

HydroStraw Original Formulation 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 Original Formulation 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