

# ASTRO™ MULCH GROW ON IT

## Description

A mulch and soil stabilizer used in hydraulic seeding and erosion control consisting of a special blend of wood based kraft fibers mixed with selected cellulosic fibers. The fibers are processed through special grinding and screening equipment to produce the fiber lengths required for reinforcing and stabilizing the mulch. Special chemicals are added during manufacture to produce a green color and rapid fiber dispersion when added to water to produce a uniform slurry having good spraying and pumping characteristics.

## Physical

Percent Moisture	12% maximum
pH	7.0 typical
Density	1.5 to 2.0 lbs/cubic ft.
Color	Dark green (when mixed with water)

## Performance

Water Holding Capacity	1442.5% +/- 100% per Cal Trans test method <sup>1</sup>
Water Holding Capacity	11.1 ratio per USDA Forest Service Test Method <sup>2</sup>
Soil Stability Test	No movement under 6" rainfall/hr @ 45 degree angle <sup>3</sup>
Grass Growth Index	Superior to competitive wood fiber & straw <sup>4</sup>
Dye	Water soluble, non-toxic, 48 hour fade

## Uses

- Flat Surfaces Use as-is
- Slopes 2:1 or greater (if needed, use tackifier)

## Test References

<sup>1</sup>Tests conducted by Pittsburgh Testing Laboratory per State of California Dept of Transportation (Cal Trans) Report No. CA-DOT-TL-2167-1-76-36

<sup>2</sup>Tests conducted by Pittsburgh Testing Laboratory per USDA Forest Service specification R-2 calling for 9:1 or greater ratio

<sup>3</sup>Tests conducted at University of California-Davis. Copy available.

<sup>4</sup>Tests conducted at Virginia Polytechnic Institute, College of Agriculture and Life Science. Copy available.

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## Distributed by:

Alaska Garden & Pet Supply, Inc.  
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