

### Guide to Mulch Materials, Rates and Use

Mulch Material	Quality Standards	Application /1000 sf	Application / acre	Depth of Application	Remarks
Gravel, slag, or crushed stone	Washed, 3/4"- 1-1/2" size		9 cu yds	3 inches	For short slopes and around woody plants & ornamentals, Use where subject to foot traffic. Approx. 2000 lbs/cu yd
Hay or straw	Air dried, free from unwanted seeds & coarse material	75-100 lbs. or 2-3 bales	1-1/2 to 2-1/2 tons or 90-120 bales	Minimum of 2 in. depth; greater on steep areas or near protected areas)	Use where the mulching effect is to be maintained for less than 3 months. Anchor by crimping, covering with netting, spraying with tackifier and/or kept moist.
Plastic sheeting	minimum 6-mil thickness				Anchor with sandbags or tires on 10-foot grid in all directions. Overlap edges.
Jute mat, woven straw blanket= synthetic fiber blanket	N/A	N/A			Use on slopes greater than 2:1 in addition to hydroseed or wood fiber with tackifier
Wood fiber cellulose (partially digested wood fibers)	Dyed green should not contain growth inhibiting factors.	25 - 30 lbs.	1000-1500 lbs.		If used on critical areas, or steep slopes, double the normal application rate. Apply w/hydromulcher. No tie-down required.
Wood fiber applied with hydroseeding or alone		1.25 Tons per acre;			Use 90 gal/acre tackifier for slopes less than 2:1; 120 gal/acre for steeper than 2:1.
Bark chips				Minimum of 2 in. depth	Do not use on slopes steeper than 6%
Wood chips (hog fuel)	treat with 12 lbs. nitrogen fertilizer per ton			Minimum of 2 in. depth	Do not use on slopes steeper than 15%
Hydroseed	Use mix recommended by COB, State Stormwater Manual or King County Surface Water Drainage Manual.				Use DOT slope mix for steep slopes. Fast germinating mix required on all 2:1 or steeper slopes after October 1.

All mulches will provide some degree of (1) erosion control, (2) moisture conservation, (3) weed control, and (4) reduction of soil crusting.