

Table 4-1. Installed Cost Ranges for Soil Stabilization BMPs

BMP Type & Description	Installed Cost (cost/acre)							
	Small Project ¹				Large Project ²			
	Category 1 ³		Category 2 ⁴		Category 1 ³		Category 2 ⁴	
	Mean ⁵	Range	Mean ⁵	Range	Mean ⁵	Range	Mean ⁵	Range
Wood (bark) Mulching	\$20,000	\$16,000 — \$24,000	\$23,000	\$18,400 — \$27,600	\$13,676	\$10,941 — \$16,411	\$19,901	\$15,921 — \$23,881
Straw with Tackifier	\$3,020	\$2,416 — \$3,624	\$3,417	\$2,734 — \$4,100	\$1,823	\$1,458 — \$2,187	\$2,172	\$1,738 — \$2,607
Crimped or Punched Straw	\$2,349	\$1,879 — \$2,819	\$2,968	\$2,374 — \$3,562	\$2,033	\$1,626 — \$2,440	\$2,778	\$2,223 — \$3,334
Hydraulic Mulch Fiber with Polyacrylamide (PAM)	\$3,226	\$2,581 — \$3,871	\$3,378	\$2,702 — \$4,054	\$2,537	\$2,030 — \$3,044	\$2,438	\$1,950 — \$2,926
Temporary Hydroseed	\$3,149	\$2,519 — \$3,779	\$3,473	\$2,778 — \$4,168	\$1,951	\$1,561 — \$2,341	\$2,150	\$1,720 — \$2,580
Temporary Hydraulic Mulch	\$2,862	\$2,290 — \$3,434	\$3,103	\$2,482 — \$3,724	\$1,688	\$1,351 — \$2,026	\$1,861	\$1,488 — \$2,233
Bonded Fiber Matrix	\$4,057	\$3,246 — \$4,868	\$5,222	\$4,178 — \$6,266	\$3,901	\$3,121 — \$4,682	\$4,219	\$3,375 — \$5,063
Caltrans Erosion Control Type C	\$4,705	\$3,764 — \$5,646	\$5,077	\$4,062 — \$6,092	\$2,816	\$2,253 — \$3,380	\$3,284	\$2,627 — \$3,940
Caltrans Erosion Control Type D	\$7,291	\$5,833 — \$8,749	\$5,537	\$4,430 — \$6,644	\$3,390	\$2,712 — \$4,069	\$3,841	\$3,073 — \$4,610
Erosion Control Blanket	\$14,162	\$11,330 — \$16,994	\$15,334	\$12,267 — \$18,401	\$12,445	\$9,956 — \$14,934	\$14,238	\$11,390 — \$17,086
Erosion Control Netting	\$17,468	\$13,974 — \$20,962	\$19,120	\$15,296 — \$22,944	\$14,971	\$11,977 — \$17,965	\$16,523	\$13,218 — \$19,828
Temporary Cementitious Binder	\$3,048	\$2,438 — \$3,658	\$3,198	\$2,558 — \$3,838	\$3,012	\$2,410 — \$3,615	\$3,179	\$2,543 — \$3,815

NOTES:

¹ *Small Projects: 0.12 acres (5,000 sq ft) to 0.5 acres (22,000 sq ft); slope inclination of 2:1 and slope length that does not exceed 30 feet*

² *Large Projects: 2.0 - 5.0 acres; 2:1 slope and slope length from 50 - 100 feet*

³ *Category 1: Within 20 miles; access from top and bottom (but not both); shooting from the tower; no long hose runs.*

⁴ *Category 2: Further than 20 miles; access from top or bottom (but not both); long hose runs will likely be required*

⁵ *Mean was established by eliminating outlier data using professional judgement. Value ranges set at 20% above and below the mean installed costs.*

ADDITIONAL NOTES:

Contractors indicated that Category 1 & 2 (less difficult versus more difficult) had less bearing on pricing than the actual size of the project. A consistent comment was that more difficult projects are not necessarily those that require long hose deployments or areas that have steeper slopes, but consist of those projects that have existing vegetation in the form of ornamental or containerized plantings that need to be "worked around".