

Practice: 572 - Spoil Spreading

Scenario: #1 - Spoil Spreading

Scenario Description: Excess soil excavated in association with another conservation practice and approved plan is spread over a designated area to reduce soil erosion and water quality degradation. Associated practices: Critical Area Planting (342)

Before Situation: Excess spoil material is available from the excavation of another conservation practice (Waste Storage Facilities and lagoons, Water Transfer, Grassed Waterway, etc.) A location exists where it can be used for grading and reshaping eroding areas.

After Situation: The land is shaped to the required elevations and grades to prevent or reduce erosion of sediment into waterbodies. Soil erosion and water quality resource concerns have been addressed.

Scenario Feature Measure: Cubic yards of spoil spread

Scenario Unit: Cubic Yard

Scenario Typical Size: 1000

Total Scenario Cost: \$2,912.38

Scenario Cost/Unit: \$2.91

Cost Details

Component Name	Id	Description	Unit	Cost	Qty	Total
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Labor

Equipment Operators, Heavy	233	Includes: Cranes, Hydraulic Excavators >=50 HP, Dozers, Paving Machines, Rock Trenchers, Trenchers >=12", Dump Trucks, Ag Equipment >=150 HP, Scrapers, Water Wagons.	Hour	\$39.93	20	\$798.69
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Equipment Installation

Dozer, 140 HP	927	Track mounted Dozer with horsepower range of 125 to 160. Equipment and power unit costs. Labor not included.	Hour	\$122.24	10	\$1,222.35
Scraper, pull, 7 CY	1206	Pull type earthmoving scraper with 7 CY capacity. Does not include pulling equipment or labor. Add Tractor or Dozer, 160 HP typically required for single scraper.	Hour	\$15.78	10	\$157.82

Mobilization

Mobilization, large equipment	1140	Equipment >150HP or typical weights greater than 30,000 pounds or loads requiring over width or over length permits.	Each	\$481.39	1	\$481.39
Mobilization, medium equipment	1139	Equipment with 70-150 HP or typical weights between 14,000 and 30,000 pounds.	Each	\$252.13	1	\$252.13