

Scenario Worksheet

Practice and Scenario Description:

Information Type	Data
Region	New England
State	Connecticut
Discipline Group	Range/Pasture Grazing
Practice Code/Name	548 - Grazing Land Mechanical Treatment
Scenario ID	1
Scenario Name	Pasture
Scenario Description	Using an aerator or other state approved implement to break up surface compaction and/or break up sod and thatch on introduced forages. Aerator will improve water infiltration and aeration. Typically used as a stand alone practice or in combination with Forage and Biomass Planting (512) to prepare soil for overseeding.
Before Practice Situation	Surface compaction and/or dense thatch is reducing water infiltration and air exchange resulting in runoff and poor soil quality. Plant growth and species diversity is poor.
After Practice Situation	Surface compaction is broken up and new channels for air and water are created. Water infiltration, soil quality, forage growth, and species diversity is improved.
Scenario Feature Measure	Acres of mechanical treatment
Scenario Unit	Acre
Scenario Typical Size	10

Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$0.00	\$0.00
Equipment/Installation	\$605.80	\$60.58
Labor	\$12.86	\$1.29
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$0.00	\$0.00
Total	\$618.66	\$61.87

Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Equipment/Installation	944	Site Preparation, Mechanical	Aerator, rolling drum chopper, etc. Includes equipment, power unit and labor costs.	Acre	\$60.58	10	\$605.80
Labor	231	General Labor	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	Hour	\$25.71	0.5	\$12.86