

**Practice:** 338 - Prescribed Burning

**Scenario:** #1 - Herbaceous

**Scenario Description:** Applying a prescribed burn according to designed burn plan and NRCS Prescribed Burning (338) standard and specifications in order to safely control undesirable species, improve wildlife habitat, improve plant productivity and/or quality, facilitate grazing distribution and maintain ecological processes for native warm season grasses. This scenario is based on a burn area under the following conditions: herbaceous cover, not woody.

**Before Situation:** Desirable plant composition is lacking due to reduced plant vigor and/or invasive species.

**After Situation:** Desirable plant composition is restored, plant vigor improved and invasive species reduced. Forage production and quality for livestock and /or wildlife is improved.

**Scenario Feature Measure:** Acres planned

**Scenario Unit:** Acre

**Scenario Typical Size:** 80

**Total Scenario Cost:** \$2,830.52

**Scenario Cost/Unit:** \$35.38

**Cost Details**

Component Name	Id	Description	Unit	Cost	Qty	Total
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**Labor**

Skilled Labor	230	Labor requiring a high level skill set: Includes carpenters, welders, electricians, conservation professionals involved with data collection, monitoring, and or record keeping, etc.	Hour	\$28.79	24	\$691.06
Specialist Labor	235	Labor requiring a specialized skill set: Includes Agronomists, Foresters, Biologists, etc. to provide additional technical information during the planning and implementation of the practice. Does not include NRCS or TSP services.	Hour	\$107.62	8	\$860.93
Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors, foremen and farm/ranch managers time required for adopting new technology, etc.	Hour	\$39.85	8	\$318.78

**Equipment Installation**

All terrain vehicles, ATV	965	Includes equipment, power unit and labor costs.	Hour	\$29.08	16	\$465.27
Truck, Pickup	939	Equipment and power unit costs. Labor not included.	Hour	\$19.39	16	\$310.17
Water tank, portable	1602	Portable water tank transported in a pick up truck. Typically with 200 gallon capacity includes tank with pump, hose and sprayer. Does not include the pickup truck. Equipment only.	Hour	\$2.16	8	\$17.25

**Mobilization**

Mobilization, very small equipment	1137	Equipment that is small enough to be transported by a pick-up truck with typical weights less than 3,500 pounds. Can be multiple pieces of equipment if all hauled simultaneously.	Each	\$62.86	2	\$125.72
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**Materials**

Fuel, ignition fuel mixture	1596	Mixture of gasoline and diesel for ignition of prescribed burns. Materials only.	Gallon	\$4.13	10	\$41.33
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**Practice:** 338 - Prescribed Burning

**Scenario:** #2 - Forest Light

**Scenario Description:** Write site specific burn plan and apply a prescribed burn according to this designed burn plan and NRCS Prescribed Burning (338) standard and specifications. Typically this will not be the first burn to occur on the site. This prescribed burn will safely consume small debris, herbaceous material and/or leaf litter.

**Before Situation:** A primary burn has occurred within the last 5 years. Site has accumulation of small debris, herbaceous material and/or leaf litter. Typically this occurs in a open forest stand.

**After Situation:** Litter, small debris and slash are consumed; small seedlings may be killed. Residual larger trees have little to no scorching. Post treatment fire danger is significantly reduced with increased herbaceous material rejuvenated for wildlife and erosion control.

**Scenario Feature Measure:** Acres planned

**Scenario Unit:** Acre

**Scenario Typical Size:** 80

**Total Scenario Cost:** \$3,688.64

**Scenario Cost/Unit:** \$46.11

**Cost Details**

Component Name	Id	Description	Unit	Cost	Qty	Total
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**Equipment Installation**

All terrain vehicles, ATV	965	Includes equipment, power unit and labor costs.	Hour	\$29.08	16	\$465.27
Truck, Pickup	939	Equipment and power unit costs. Labor not included.	Hour	\$19.39	16	\$310.17
Water tank, portable	1602	Portable water tank transported in a pick up truck. Typically with 200 gallon capacity includes tank with pump, hose and sprayer. Does not include the pickup truck. Equipment only.	Hour	\$2.16	16	\$34.50

**Mobilization**

Mobilization, very small equipment	1137	Equipment that is small enough to be transported by a pick-up truck with typical weights less than 3,500 pounds. Can be multiple pieces of equipment if all hauled simultaneously.	Each	\$62.86	2	\$125.72
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**Materials**

Fuel, ignition fuel mixture	1596	Mixture of gasoline and diesel for ignition of prescribed burns. Materials only.	Gallon	\$4.13	15	\$61.99
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**Labor**

Skilled Labor	230	Labor requiring a high level skill set: Includes carpenters, welders, electricians, conservation professionals involved with data collection, monitoring, and or record keeping, etc.	Hour	\$28.79	32	\$921.41
Specialist Labor	235	Labor requiring a specialized skill set: Includes Agronomists, Foresters, Biologists, etc. to provide additional technical information during the planning and implementation of the practice. Does not include NRCS or TSP services.	Hour	\$107.62	12	\$1,291.40
Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors, foremen and farm/ranch managers time required for adopting new technology, etc.	Hour	\$39.85	12	\$478.18

**Practice:** 338 - Prescribed Burning

**Scenario:** #3 - Forest Heavy

**Scenario Description:** Write site specific burn plan and apply a prescribed burn according to this designed burn plan and NRCS Prescribed Burning (338) standard and specifications in order to safely control undesirable species, reduce fuel load, improve wildlife habitat, improve plant productivity and/or quality, facilitate grazing distribution and maintain ecological processes.

**Before Situation:** Area to be burned has a heavy fuel load, undesirable species and/or may be overstocked. Site has little to no herbaceous material.

**After Situation:** Area has been burned to remove competing brush and undesirable species, adjust density and forest slash. Some bare ground is exposed to promote herbaceous growth.

**Scenario Feature Measure:** Acres planned

**Scenario Unit:** Acre

**Scenario Typical Size:** 80

**Total Scenario Cost:** \$5,054.85

**Scenario Cost/Unit:** \$63.19

**Cost Details**

Component Name	Id	Description	Unit	Cost	Qty	Total
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**Acquisition of Technical Knowledge**

Training, Workshops	294	Educational seminar or series of meetings emphasizing interaction and exchange of information among a usually small number of participants.	Each	\$45.80	1	\$45.80
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**Equipment Installation**

All terrain vehicles, ATV	965	Includes equipment, power unit and labor costs.	Hour	\$29.08	16	\$465.27
Dozer, 80 HP	929	Track mounted Dozer with horsepower range of 60 to 90. Equipment and power unit costs. Labor not included.	Hour	\$58.85	8	\$470.77
Trailer, water tank	1598	Mobile 5,000 gal water tank mounted on a trailer. Equipment only. Does not include towing equipment.	Hour	\$17.56	8	\$140.52
Truck, Pickup	939	Equipment and power unit costs. Labor not included.	Hour	\$19.39	16	\$310.17
Water tank, portable	1602	Portable water tank transported in a pick up truck. Typically with 200 gallon capacity includes tank with pump, hose and sprayer. Does not include the pickup truck. Equipment only.	Hour	\$2.16	8	\$17.25

**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	\$434.63	1	\$434.63
Mobilization, very small equipment	1137	Equipment that is small enough to be transported by a pick-up truck with typical weights less than 3,500 pounds. Can be multiple pieces of equipment if all hauled simultaneously.	Each	\$62.86	2	\$125.72

**Labor**

Skilled Labor	230	Labor requiring a high level skill set: Includes carpenters, welders, electricians, conservation professionals involved with data collection, monitoring, and or record keeping, etc.	Hour	\$28.79	32	\$921.41
Specialist Labor	235	Labor requiring a specialized skill set: Includes Agronomists, Foresters, Biologists, etc. to provide additional technical information during the planning and implementation of the practice. Does not include NRCS or TSP services.	Hour	\$107.62	16	\$1,721.87
Supervisor or Manager	234	Labor involving supervision or management activities. Includes crew supervisors, foremen and farm/ranch managers time required for adopting new technology, etc.	Hour	\$39.85	8	\$318.78

**Materials**

Fuel, ignition fuel mixture	1596	Mixture of gasoline and diesel for ignition of prescribed burns. Materials only.	Gallon	\$4.13	20	\$82.65
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