

## Scenario Worksheet

## Practice and Scenario Description:

Information Type	Data
Region	New England
State	Connecticut
Discipline Group	Range/Pasture Grazing
Practice Code/Name	528 - Prescribed Grazing
Scenario ID	4
Scenario Name	Pasture Deferment
Scenario Description	Defer the pasture for 90 days and up to a growing season to manage for invasive weeds when necessary, to improve the health of the plants and/or provide nesting habitat for wildlife species. Keep records of dates out and monitor to determine when desired objectives of deferment are met.
Before Practice Situation	Over-grazed pasture, a pasture with a low condition score, or a newly established pasture converted from cropland with a need for proper grazing management.
After Practice Situation	Improve the health and vigor of the sward, through deferment of grazing and improve the nesting habitat for wildlife.
Scenario Feature Measure	
Scenario Unit	Acre
Scenario Typical Size	20

## Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$0.00	\$0.00
Equipment/Installation	\$35.61	\$1.78
Labor	\$326.25	\$16.31
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$0.00	\$0.00
Total	\$361.86	\$18.09

## Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Equipment/Installation	939	Truck, Pickup	Equipment and power unit costs. Labor not included.	Hour	\$26.51	1	\$26.51
Equipment/Installation	961	Trucking, moving livestock to new paddock	Livestock transportation costs to implement a grazing rotation using a gooseneck trailer 6'8" x 24'. Includes equipment, power unit and labor costs.	Mile	\$4.55	2	\$9.10
Labor	230	Skilled Labor	Labor requiring a high level skill set: Includes carpenters, welders, electricians, conservation professionals involved with data collection, monitoring, and or record keeping, etc.	Hour	\$39.54	5	\$197.70
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	5	\$128.55
Foregone Income	2079	FI, Grazing AUMs	Grazing is the Primary Land Use	AUM	\$15.29		\$0.00

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## Practice and Scenario Description:

Information Type	Data
Region	New England
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Discipline Group	Range/Pasture Grazing
Practice Code/Name	528 - Prescribed Grazing
Scenario ID	3
Scenario Name	Pasture Intensive
Scenario Description	Animals are moved to new ground daily or twice per day. Paddocks are designed to allow at least 30 days rest. Design and implementation of a grazing system will enhance pasture condition and ecosystem function as well as optimize efficiency.
Before Practice Situation	Current grazing system is a long rotation, without sufficient rest and rotation to achieve highest production possible. Inefficient use of forage plants has a negative impact on pasture condition, as well as soil and water resources. Stocking rates are likely higher than the current level of production and efficiency of use can support without management changes. There is currently no monitoring plan in place to evaluate change on the landscape.
After Practice Situation	Typical scenario is a small dairy operation, but may be any operation that moves animals daily or every other day minimum and maintains desired residual forage heights. Prescribed grazing system is designed to protect the health and vigor of the plant communities that are in place. Livestock are managed in a way that enhances pasture condition and function through proper rest and recovery periods, protection of sensitive areas, proper utilization, and efficient harvest of forage resources. Grazing system success will be evaluated through long term monitoring.
Scenario Feature Measure	
Scenario Unit	Acre
Scenario Typical Size	50

## Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$0.00	\$0.00
Equipment/Installation	\$1,622.88	\$32.46
Labor	\$5,039.16	\$100.78
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$172.67	\$3.45
Foregone Income	\$0.00	\$0.00
Total	\$6,834.71	\$136.69

## Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Equipment/Installation	965	All terrain vehicles, ATV	Includes equipment, power unit and labor costs.	Hour	\$28.98	56	\$1,622.88
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	196	\$5,039.16
Acquisition of Technical Knowledge	294	Training, Workshops	Educational seminar or series of meetings emphasizing interaction and exchange of information among a usually small number of participants.	Each	\$116.67	1	\$116.67
Acquisition of Technical Knowledge	297	Transportation	Mileage to attend a training conference, workshop, or TSP travel associated with developing Conservation Activity Plan.	Mile	\$0.56	100	\$56.00

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**Practice and Scenario Description:**

<b>Information Type</b>	<b>Data</b>
Region	New England
State	Connecticut
Discipline Group	Range/Pasture Grazing
Practice Code/Name	528 - Prescribed Grazing
Scenario ID	2
Scenario Name	Twice Weekly
Scenario Description	Animals are moved to new ground at least twice weekly. Paddocks are designed to allow at least 30 days rest. Design and implementation of a grazing system will enhance pasture condition and ecosystem function as well as optimize efficiency.
Before Practice Situation	Current grazing system is continuous, without rest and rotation. Inefficient use of forage plants has a negative impact on pasture condition, as well as soil and water resources. Stocking rates are likely higher than the current level of production and efficiency of use can support without management changes. There is currently no monitoring plan in place to evaluate change on the landscape.
After Practice Situation	Typical scenario is a small beef or sheep producer who has adequate land base for number of livestock, has at least 9 paddocks, and moves animals at least twice per week. Management is centered on maintaining desired residual forage heights. Prescribed grazing system is designed to protect the health and vigor of the plant communities that are in place. Livestock are managed in a way that enhances pasture condition and function through protection of sensitive areas, and efficient harvest of forage resources. Grazing system success will be evaluated through short term monitoring.
Scenario Feature Measure	
Scenario Unit	Acre
Scenario Typical Size	20

**Cost Summary:**

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$0.00	\$0.00
Equipment/Installation	\$811.44	\$40.57
Labor	\$1,439.76	\$71.99
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$114.34	\$5.72
Foregone Income	\$0.00	\$0.00
Total	\$2,365.54	\$118.28

**Cost Details:**

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Equipment/Installation	965	All terrain vehicles, ATV	Includes equipment, power unit and labor costs.	Hour	\$28.98	28	\$811.44
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	56	\$1,439.76
Acquisition of Technical Knowledge	294	Training, Workshops	Educational seminar or series of meetings emphasizing interaction and exchange of information among a usually small number of participants.	Each	\$116.67	0.5	\$58.34
Acquisition of Technical Knowledge	297	Transportation	Mileage to attend a training conference, workshop, or TSP travel associated with developing Conservation Activity Plan.	Mile	\$0.56	100	\$56.00

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Region	New England
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Discipline Group	Range/Pasture Grazing
Practice Code/Name	528 - Prescribed Grazing
Scenario ID	1
Scenario Name	Pasture Standard
Scenario Description	Animals are moved to new ground weekly. Paddocks are designed to allow at least 30 days rest. Design and implementation of a grazing system will enhance pasture condition and ecosystem function as well as optimize efficiency.
Before Practice Situation	Current grazing system is continuous, without rest and rotation. Inefficient use of forage plants has a negative impact on pasture condition, as well as soil and water resources. Stocking rates are likely higher than the current level of production and efficiency of use can support without management changes. There is currently no monitoring plan in place to evaluate change on the landscape.
After Practice Situation	Typical scenario is a small beef or sheep producer who has adequate land base for number of livestock, has at least 5 paddocks, and moves animals at least once per week. Management is centered on maintaining desired residual forage heights. Prescribed grazing system is designed to protect the health and vigor of the plant communities that are in place. Livestock are managed in a way that enhances pasture condition and function through protection of sensitive areas, and efficient harvest of forage resources. Grazing system success will be evaluated through short term monitoring.
Scenario Feature Measure	
Scenario Unit	Acre
Scenario Typical Size	20

## Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$0.00	\$0.00
Equipment/Installation	\$0.00	\$0.00
Labor	\$719.88	\$35.99
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$114.34	\$5.72
Foregone Income	\$0.00	\$0.00
Total	\$834.22	\$41.71

## Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
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	28	\$719.88
Acquisition of Technical Knowledge	294	Training, Workshops	Educational seminar or series of meetings emphasizing interaction and exchange of information among a usually small number of participants.	Each	\$116.67	0.5	\$58.34
Acquisition of Technical Knowledge	297	Transportation	Mileage to attend a training conference, workshop, or TSP travel associated with developing Conservation Activity Plan.	Mile	\$0.56	100	\$56.00