

Scenario Worksheet

Practice and Scenario Description:

| Information Type | Data |
|---------------------------|---|
| Region | Mid Atlantic |
| State | New Jersey |
| Discipline Group | Range/Pasture Grazing |
| Practice Code/Name | 512 - Forage and Biomass Planting |
| Scenario ID | 1 |
| Scenario Name | Native Perennial Grasses (1 species) |
| Scenario Description | Establish or reseed adapted perennial native grasses to improve or maintain livestock/wildlife nutrition and health, extend the length of the grazing season, and provide soil cover to reduce erosion. Used for either conventional or no-till seeding of native grasses for pasture, hayland, and wildlife openings. This scenario assumes fertilizer, seed, equipment and labor for seed bed prep, tillage, seeding, and spreading. Associated Practices: Fence (382), Forage Harvest Management (511), and Watering Facility (614). |
| Before Practice Situation | Poorly managed/degraded pasture land or cropland being converted to pasture and/or hay. |
| After Practice Situation | Suitable species are established to improve forage quality and quantity and reduce soil erosion on cropland, hayland, pasture, and/or biomass production. |
| Scenario Feature Measure | Acres of Forage and Biomass Planting |
| Scenario Unit | Acre |
| Scenario Typical Size | 30 |

Cost Summary:

| Cost Category | Scenario Cost | Scenario Cost/Unit |
|------------------------------------|---------------|--------------------|
| Materials | \$10,511.33 | \$350.38 |
| Equipment/Installation | \$944.10 | \$31.47 |
| Labor | \$0.00 | \$0.00 |
| Mobilization | \$0.00 | \$0.00 |
| Acquisition of Technical Knowledge | \$0.00 | \$0.00 |
| Foregone Income | \$0.00 | \$0.00 |
| Total | \$11,455.43 | \$381.85 |

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| Region | Mid Atlantic |
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| Discipline Group | Range/Pasture Grazing |
| Practice Code/Name | 512 - Forage and Biomass Planting |
| Scenario ID | 3 |
| Scenario Name | Introduced Perennial Cool Season Grasses with legume |
| Scenario Description | Establish or reseed adapted perennial introduced cool season grasses and legumes to improve or maintain livestock/wildlife nutrition and health, extend the length of the grazing season, and provide soil cover to reduce erosion. Used for either conventional or no-till seeding of perennial introduced cool season grasses for pasture, hayland, and wildlife openings. This scenario assumes fertilizer, seed, equipment and labor for seed bed prep, tillage, seeding ,and spreading. Associated Practices: Fence (382), Forage Harvest Management (511), and Watering Facility (614). |
| Before Practice Situation | Poor or nonexistent stand of grass species. Resource concerns may include undesirable plant productivity and health, inadequate feed and forage for livestock, soil erosion and soil quality. |
| After Practice Situation | Suitable species are established to improve forage quality and quantity and reduce soil erosion on cropland ,hayland, pasture, and/or biomass production. |
| Scenario Feature Measure | Acres of Forage and Biomass Planting |
| Scenario Unit | Acre |
| Scenario Typical Size | 30 |

Cost Summary:

| Cost Category | Scenario Cost | Scenario Cost/Unit |
|------------------------------------|---------------|--------------------|
| Materials | \$10,870.73 | \$362.36 |
| Equipment/Installation | \$1,233.00 | \$41.10 |
| Labor | \$0.00 | \$0.00 |
| Mobilization | \$0.00 | \$0.00 |
| Acquisition of Technical Knowledge | \$0.00 | \$0.00 |
| Foregone Income | \$0.00 | \$0.00 |
| Total | \$12,103.73 | \$403.46 |

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| Region | Mid Atlantic |
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| Discipline Group | Range/Pasture Grazing |
| Practice Code/Name | 512 - Forage and Biomass Planting |
| Scenario ID | 5 |
| Scenario Name | Legumes |

Scenario Description
 Establishment of legumes for the purpose of increasing plant diversity, soil quality and fertility, and plant health and enhancing the quality of forage. This practice may be utilized for organic or regular production. This scenario assumes fertilizer, seed, equipment and labor for seed bed prep, tillage, seeding, and spreading.
 Associated Practices: Fence (382), Forage Harvest Management (511), and Watering Facility (614).

Before Practice Situation
 Existing stand of perennial grasses or monoculture with no legumes present .

After Practice Situation
 Legumes will be maintained through proper grazing management and improve plant diversity and soil quality.

| | |
|--------------------------|-------------------------------------|
| Scenario Feature Measure | Acre of Forage and Biomass Planting |
| Scenario Unit | Acre |
| Scenario Typical Size | 30 |

Cost Summary:

| Cost Category | Scenario Cost | Scenario Cost/Unit |
|------------------------------------|---------------|--------------------|
| Materials | \$8,666.33 | \$288.88 |
| Equipment/Installation | \$1,038.00 | \$34.60 |
| Labor | \$0.00 | \$0.00 |
| Mobilization | \$0.00 | \$0.00 |
| Acquisition of Technical Knowledge | \$0.00 | \$0.00 |
| Foregone Income | \$0.00 | \$0.00 |
| Total | \$9,704.33 | \$323.48 |

Scenario Worksheet

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|------------------------------------|--|
| Information Type | Data |
| Region | Mid Atlantic |
| State | New Jersey |
| Discipline Group | Range/Pasture Grazing |
| Practice Code/Name | 512 - Forage and Biomass Planting |
| Scenario ID | 7 |
| Scenario Name | Organic Introduced Perennial Cool Season Grasses with legume |

| | | |
|---------------------------|--|--|
| Scenario Description | <p>This practice applies to organically managed pasture or hayland. Establish or reseed adapted perennial introduced cool season grasses and legumes to improve or maintain livestock/wildlife nutrition and health, extend the length of the grazing season, and provide soil cover to reduce erosion. Used for either conventional or no-till seeding of perennial introduced cool season grasses for pasture, hayland, and wildlife openings. This scenario assumes fertilizer, seed, equipment and labor for seed bed prep, tillage, seeding, and spreading. Producer follows all National Organic Program (NOP) rules and regulations. Associated Practices: Fence (382), Forage Harvest Management (511), and Watering Facility (614).</p> | |
| Before Practice Situation | <p>Poor or nonexistent stand of grass species. Resource concerns may include undesirable plant productivity and health, inadequate feed and forage for livestock, soil erosion and soil quality.</p> | |
| After Practice Situation | <p>NOP approved species, materials, and methods are utilized to establish pasture or hayland, to improve forage quality and quantity, and reduce soil erosion on cropland, hayland, pasture, and/or biomass production.</p> | |
| Scenario Feature Measure | Acres of Forage and Biomass Planting | |
| Scenario Unit | Acre | |
| Scenario Typical Size | 10 | |

| Cost Summary: | | |
|------------------------------------|---------------|--------------------|
| Cost Category | Scenario Cost | Scenario Cost/Unit |
| Materials | \$5,807.33 | \$580.73 |
| Equipment/Installation | \$346.00 | \$34.60 |
| Labor | \$0.00 | \$0.00 |
| Mobilization | \$0.00 | \$0.00 |
| Acquisition of Technical Knowledge | \$0.00 | \$0.00 |
| Foregone Income | \$0.00 | \$0.00 |
| Total | \$6,153.33 | \$615.33 |

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| Discipline Group | Range/Pasture Grazing |
| Practice Code/Name | 512 - Forage and Biomass Planting |
| Scenario ID | 8 |
| Scenario Name | |
| Scenario Description | |
| Before Practice Situation | |
| After Practice Situation | |
| Scenario Feature Measure | |
| Scenario Unit | |
| Scenario Typical Size | |

[Organic - Native Perennial Grasses](#)

This practice applies to organically managed pasture and hayland. Establish or reseed adapted perennial native grasses to improve or maintain livestock/wildlife nutrition and health, extend the length of the grazing season, and provide soil cover to reduce erosion. Used for either conventional or no-till seeding of native grasses for pasture, hayland, and wildlife openings. This scenario assumes fertilizer, seed, equipment and labor for seed bed prep, tillage, seeding, and spreading. Producer follows all National Organic Program (NOP) rules and regulations. Associated Practices: Fence (382), Forage Harvest Management (511), and Watering Facility (614).

Poorly managed/degraded pasture land or cropland being converted to pasture and/or hay.

NOP approved species, materials, and methods are utilized to establish pasture or hayland, to improve forage quality and quantity and reduce soil erosion on cropland, hayland, pasture, and/or biomass production.

[Acres of Forage and Biomass Planting](#)

[Acre](#)

[10](#)

Cost Summary:

| Cost Category | Scenario Cost | Scenario Cost/Unit |
|------------------------------------|---------------|--------------------|
| Materials | \$4,829.73 | \$482.97 |
| Equipment/Installation | \$249.70 | \$24.97 |
| Labor | \$0.00 | \$0.00 |
| Mobilization | \$0.00 | \$0.00 |
| Acquisition of Technical Knowledge | \$0.00 | \$0.00 |
| Foregone Income | \$0.00 | \$0.00 |
| Total | \$5,079.43 | \$507.94 |

