Practice: 327 - Conservation Cover

Scenario: #1 - Introduced Mix, Field Crop Operation

Scenario Description: This practice applies on land to be retired from agricultural production and on other lands needing permanent protective cover. This practice typically involves conversion from a clean-tilled (conventional tilled) intensive cropping system to permanent non-native vegetation. The mix consists of perennial grasses with legumes and/or forbs. The typical size of the practice is 20 acres. This practice scenario is typically used to reduce soil erosion, reduce soil quality degradation, improve water quality, develop wildlife habitit, and reduce air quality impacts. Associated Practices: Brush Management (314), Nutrient Management (590), Integrated Pest Management (595).

Before Situation: Crops such as corn, soybeans, small grains or vegetables are conventionally grown and harvested. Full width tillage is utilized, weeds controlled by cultivation and/or chemical application. Soil surface residue amounts average 10% or less. Soil erosion occurs with visible rills present, sediment may be moving offsite into surface water degrading water quality. Soil quality (soil organic matter) declines over time as a result of tillage practices, low residue, and long periods of bare soil. Air quality may be impacted during field operations by the creation of particulates. The system provides little to no wildlife habitat.

After Situation: Land covered with permanent non-native grass vegetation has reduced soil erosion, reduced water/sediment runoff, and significant dust emissions are eliminated. Therefore, air quality is improved. Plants sown for conservation cover may provide cover for beneficial insects and wildlife. This scenario does not apply to plantings for forage production or to critical area plantings.

Scenario Feature Measure: Area planted

Scenario Unit: Acre

Scenario Typical Size: 20

Total Scenario Cost: $10,767.53

Scenario Cost/Unit: $538.38

Cost Details

Component Name	Id	Description	Unit	Cost	Qty	Total
Materials						
Four Species Mix, Cool Season, Introduced Perennial (2 grasses, 2 legumes)	2317	Cool season grass and legume mix. Includes material and shipping only.	Acre	$49.65	20	$992.93
Herbicide, Glyphosate	334	A broad-spectrum, non-selective systemic herbicide. Refer to WIN-PST for product names and active ingredients. Includes materials and shipping only.	Acre	$15.93	20	$318.52
Nitrogen (N), Ammonium Nitrate	69	Price per pound of N supplied by Ammonium Nitrate. Price is not per pound of total product applied, no conversion is needed.	Pound	$0.73	800	$585.50
Phosphorus, P2O5	73	Price per pound of P2O5 supplied by Superphosphate. Price is not per pound of total product applied, no conversion is needed.	Pound	$0.78	1000	$784.16
Potassium, K2O	74	K2O supplied by Muriate Of Potash. Price is not per pound of total product applied, no conversion is needed.	Pound	$0.44	1000	$435.64
Equipment Installation						
Chemical, ground application	948	Chemical application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	$6.05	20	$120.92
Fertilizer, ground application, dry bulk	950	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	$6.77	20	$135.45
Seeding Operation, No Till/Grass Drill	960	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	$21.05	20	$420.97
Tillage, Light	945	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	$10.98	40	$439.27
Foregone Income						
FI, Corn Dryland	1959	Dryland Corn is Primary Crop	Acre	$346.36	10	$3,463.58
FI, Soybeans Dryland	1961	Dryland Soybeans is Primary Crop	Acre	$356.12	5	$1,780.59
FI, Wheat Dryland	1963	Dryland Wheat is Primary Crop	Acre	$258.00	5	$1,289.99

Practice: 327 - Conservation Cover

Scenario: #2 - Native Grasses with Forbs, Field Crop Operation

Scenario Description: This practice applies on land to be retired from agricultural production and on other lands needing permanent protective cover. This practice typically involves conversion from a clean-tilled (conventional tilled) intensive cropping system to permanent native vegetation. The mix typically includes 70 to 90 percent native perennial grasses and 10 to 30 percent native forbs and legumes. The typical size of the practice is 20 acres. This practice scenario is typically used to reduce soil erosion, reduce soil quality degradation, improve water quality, develop wildlife habitit, and reduce air quality impacts. Associated Practices: Brush Management (314), Nutrient Management (590), Integrated Pest Management (595).

Before Situation: Crops such as corn, soybeans, small grains or vegetables are conventionally grown and harvested. Full width tillage is utilized, weeds controlled by cultivation and/or chemical application. Soil surface residue amounts average 10% or less. Soil erosion occurs with visible rills present, sediment may be moving offsite into surface water degrading water quality. Soil quality (soil organic matter) declines over time as a result of tillage practices, low residue, and long periods of bare soil. Air quality may be impacted during field operations by the creation of particulates. The system provides little to no wildlife habitat.

After Situation: Land covered with permanent native grass vegetation has reduced soil erosion, reduced water/sediment runoff, and significant dust emissions are eliminated therefore, air quality is improved. Plants sown for conservation cover may provide cover for beneficial insects and wildlife. This scenario does not apply to plantings for forage production or to critical area plantings.

Scenario Feature Measure: Area planted

Scenario Unit: Acre

Scenario Typical Size: 20

Total Scenario Cost: $15,031.71

Scenario Cost/Unit: $751.59

Cost Details

Component Name	Id	Description	Unit	Cost	Qty	Total
Materials						
Herbicide, Glyphosate	334	A broad-spectrum, non-selective systemic herbicide. Refer to WIN-PST for product names and active ingredients. Includes materials and shipping only.	Acre	$15.93	20	$318.52
Native Grass and Forb Mix, for Wildlife (including pollinators) or Ecosystem Restoration	2335	Native grass and forb/legume mix, including specialized species. Includes material and shipping only.	Acre	$261.29	20	$5,225.72
Equipment Installation						
Chemical, ground application	948	Chemical application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	$6.05	20	$120.92
Mechanical weed control, Vegetation termination	957	Mechanical operations, Includes: Roller/crimper, mower, shredder, etc. Includes equipment, power unit and labor costs.	Acre	$20.24	40	$809.67
Seeding Operation, No Till/Grass Drill	960	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	$21.05	20	$420.97
Tillage, Light	945	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	$10.98	20	$219.64
Foregone Income						
FI, Organic, Corn Dryland	2232	Organic Dryland Corn is Primary Crop	Acre	$419.40	10	$4,193.95
FI, Organic, Soybeans Dryland	2234	Organic Dryland Soybeans is Primary Crop	Acre	$439.39	5	$2,196.97
FI, Organic, Wheat Dryland	2236	Organic Dryland Wheat is Primary Crop	Acre	$305.07	5	$1,525.35

Practice: 327 - Conservation Cover

Scenario: #3 - Orchard or Vineyard Alleyways

Scenario Description: This practice applies on orchards and vineyards needing permanent protective cover in the alleyways between tree and vine rows. The typical size of this practice is 20 acres. This practice typically involves conversion from a clean-tilled (conventional tilled) intensive cropping system to permanent vegetation (scenario includes non-native grass and legume mix). This practice scenario is typically used to reduce soil erosion, reduce soil quality degradation, improve water quality, enhance wildlife and/or pollinator habitit, manage plant pests, and reduce air quality impacts. 60% conservation cover per acre is typical. Associated Practices: Brush Management (314), Nutrient Management (590), Integrated Pest Management (595).

Before Situation: Orchard or vineyard with bare soil between vine/tree rows. Bare soil is exposed to wind erosion and/or intense rainfall during the fall, winter, and early spring. Over the winter sediment/nutrient runoff from orchards/vineyards increases. Sheet and rill erosion occurs with visible rills by spring. Runoff from the fields flows into streams, water courses or other water bodies causing degradation to the receiving waters. Soil health (soil organic matter) declines over time as a result of long periods of bare soil. Little to no wildlife/pollinator habitat present.

After Situation: Orchard or Vineyard area between vine/tree rows are planted with permanent introduced grass/legume mix. Area covered has reduced soil erosion, reduced water/sediment runoff, and significant dust emissions are eliminated therefore, air quality is improved. Plants sown for conservation cover may provide cover for beneficial insects, pollinators, and wildlife.

Scenario Feature Measure: Area planted

Scenario Unit: Acre

Scenario Typical Size: 20

Total Scenario Cost: $2,519.26

Scenario Cost/Unit: $125.96

Cost Details

Component Name	Id	Description	Unit	Cost	Qty	Total
Materials						
Four Species Mix, Cool Season, Introduced Perennial (2 grasses, 2 legumes)	2317	Cool season grass and legume mix. Includes material and shipping only.	Acre	$49.65	12	$595.76
Nitrogen (N), Ammonium Nitrate	69	Price per pound of N supplied by Ammonium Nitrate. Price is not per pound of total product applied, no conversion is needed.	Pound	$0.73	480	$351.30
Phosphorus, P2O5	73	Price per pound of P2O5 supplied by Superphosphate. Price is not per pound of total product applied, no conversion is needed.	Pound	$0.78	600	$470.49
Potassium, K2O	74	K2O supplied by Muriate Of Potash. Price is not per pound of total product applied, no conversion is needed.	Pound	$0.44	600	$261.39
Equipment Installation						
Fertilizer, ground application, dry bulk	950	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	$6.77	12	$81.27
Mechanical weed control, Vegetation termination	957	Mechanical operations, Includes: Roller/crimper, mower, shredder, etc. Includes equipment, power unit and labor costs.	Acre	$20.24	12	$242.90
Seeding Operation, No Till/Grass Drill	960	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	$21.05	12	$252.58
Tillage, Light	945	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	$10.98	24	$263.56

Practice: 327 - Conservation Cover

Scenario: #4 - Pollinator Mix, Native Forbs and Legumes, Field Crop Operation

Scenario Description: Permanent vegetation established on any land needing permanent vegetative cover that provides high quality habitat for pollinators and other wildlife. Typically, the mix contains 70 to 90 percent native forbs and legumes, with 10 to 30 percent native grasses, and is preconfigured and commercially available from native seed suppliers. Typical practice size is variable depending on site, this scenario uses 1 ac as the typical size. In addition to providing pollinator habitat, this practice scenario may also reduce sheet and rill erosion, improve soil quality, improve water quality, and improve air quality. The practice may also provide wildlife habitat. Practice applicable on cropland, odd areas, corners, etc. Associated Practices: Brush Management (314), Nutrient Management (590), Integrated Pest Management (595).

Before Situation: Crops such as corn, soybeans, or cotton are conventionally grown and harvested. Full width tillage is utilized, weeds controlled by cultivation and/or chemical application. Soil surface residue amounts average 10% or less. Soil erosion occurs with visible rills present, sediment may be moving offsite into surface water degrading water quality. Soil quality (soil organic matter) declines over time as a result of tillage practices, low residue, and long periods of bare soil. Air quality may be impacted during field operations by the creation of particulates. The system provides little to no wildlife or pollinator habitat.

After Situation: Land covered with permanent pollinator habitat including a native mix of predominantly forbs and legumes with a small percentage of grasses. This practice may also have reduced soil erosion, reduced water/sediment runoff, and significant dust emissions are eliminated therefore, air quality is improved. Plants sown for pollinator habitat may also provide cover for beneficial insects and wildlife. This scenario does not apply to critical area plantings.

Scenario Feature Measure: Area planted

Scenario Unit: Acre

Scenario Typical Size: 1

Total Scenario Cost: $1,008.10

Scenario Cost/Unit: $1,008.10

Cost Details

Component Name	Id	Description	Unit	Cost	Qty	Total
Equipment Installation						
Chemical, ground application	948	Chemical application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	$6.05	1	$6.05
Mechanical weed control, Vegetation termination	957	Mechanical operations, Includes: Roller/crimper, mower, shredder, etc. Includes equipment, power unit and labor costs.	Acre	$20.24	2	$40.48
Seeding Operation, No Till/Grass Drill	960	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	$21.05	1	$21.05
Tillage, Light	945	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	$10.98	1	$10.98
Foregone Income						
FI, Corn Dryland	1959	Dryland Corn is Primary Crop	Acre	$346.36	0.5	$173.18
FI, Soybeans Dryland	1961	Dryland Soybeans is Primary Crop	Acre	$356.12	0.25	$89.03
FI, Wheat Dryland	1963	Dryland Wheat is Primary Crop	Acre	$258.00	0.25	$64.50
Materials						
Herbicide, Glyphosate	334	A broad-spectrum, non-selective systemic herbicide. Refer to WIN-PST for product names and active ingredients. Includes materials and shipping only.	Acre	$15.93	1	$15.93
Three Species Mix, Native Forb	2333	Native forb mix. Includes material and shipping only.	Acre	$586.90	1	$586.90

Practice: 327 - Conservation Cover

Scenario: #5 - Pollinator Specialized Mix

Scenario Description: Permanent native vegetation established using a specialized mix for pollinators, usually targeting specific species or groups of species. The mix consists of native forbs, legumes, and grasses that are not readily available and/or are difficult to harvest and more costly. Typical practice size is variable depending on site, this scenario uses 1 ac as the typical size. In addition to providing pollinator habitat, this practice scenario may also reduce sheet and rill erosion, improve soil quality, improve water quality, improve air quality, and provide wildlife habitat. Practice applicable on cropland, odd areas, corners, etc. Associated Practices: Brush Management (314), Nutrient Management (590), Integrated Pest Management (595), Upland Wildlife Habitat Management (645), Restoration and Management of Rare or Declining Species (643).

Before Situation: Crops such as corn, soybeans, or cotton are conventionally grown and harvested. The system provides little to no wildlife or pollinator habitat.

After Situation: Land covered with permanent pollinator habitat containing a specialized mix and targeted to specific species or groups of species. This practice may also result in reduced soil erosion, reduced water/sediment runoff, improved air quality, and habitat for wildlife and beneficial insects. This scenario does not apply to critical area plantings.

Scenario Feature Measure: Area planted

Scenario Unit: Acre

Scenario Typical Size: 1

Total Scenario Cost: $1,468.87

Scenario Cost/Unit: $1,468.87

Cost Details

Component Name	Id	Description	Unit	Cost	Qty	Total
Equipment Installation						
Chemical, ground application	948	Chemical application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	$6.05	2	$12.09
Mechanical weed control, Vegetation termination	957	Mechanical operations, Includes: Roller/crimper, mower, shredder, etc. Includes equipment, power unit and labor costs.	Acre	$20.24	2	$40.48
Seeding Operation, No Till/Grass Drill	960	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	$21.05	1	$21.05
Tillage, Light	945	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	$10.98	1	$10.98
Foregone Income						
FI, Corn Dryland	1959	Dryland Corn is Primary Crop	Acre	$346.36	0.5	$173.18
FI, Soybeans Dryland	1961	Dryland Soybeans is Primary Crop	Acre	$356.12	0.25	$89.03
FI, Wheat Dryland	1963	Dryland Wheat is Primary Crop	Acre	$258.00	0.25	$64.50
Materials						
Herbicide, Glyphosate	334	A broad-spectrum, non-selective systemic herbicide. Refer to WIN-PST for product names and active ingredients. Includes materials and shipping only.	Acre	$15.93	2	$31.85
Specialized native grass and forb mix	2619	A mix of native grass and forbs to be used for specialized purposes such as wildlife (including pollinators) or ecosystem restoration, requiring species not readility available and/or difficult to produce and harvest. Includes material and shipping only.	Acre	$1,025.70	1	$1,025.70

Practice: 327 - Conservation Cover

Scenario: #6 - Vegetable or fruit to Permanent Seeding

Scenario Description: This practice applies on land needing permanent protective cover. This practice typically involves conversion from an intensive cropping system to permanent non-native vegetation (scenario includes non-native grass/legume mix). The typical size of the practice is 5 acres. This practice scenario is typically used to reduce soil erosion, reduce soil quality degradation, improve water quality, develop wildlife habitit, and reduce air quality impacts. Associated Practices: Brush Management (314), Nutrient Management (590), Integrated Pest Management (595).

Before Situation: Crops such as vegetables and small fruit crops are grown and harvested. Soil surface residue amounts average 10% or less. Soil erosion occurs with visible rills present, sediment may be moving offsite into surface water degrading water quality. Soil quality (soil organic matter) declines over time as a result of tillage practices, low residue, and long periods of bare soil. Air quality may be impacted during field operations by the creation of particulates. The system provides little to no wildlife habitat.

After Situation: Cropland is covered with permanent non-native grass/legume mix vegetation has reduced soil erosion, reduced water/sediment runoff, and significant dust emissions are eliminated therefore, air quality is improved. Plants sown for conservation cover may provide cover for beneficial insects and wildlife. This scenario does not apply to plantings for forage production or to critical area plantings.

Scenario Feature Measure: Area planted

Scenario Unit: Acre

Scenario Typical Size: 5

Total Scenario Cost: $6,866.78

Scenario Cost/Unit: $1,373.36

Cost Details

Component Name	Id	Description	Unit	Cost	Qty	Total
Materials						
Nitrogen (N), Ammonium Nitrate	69	Price per pound of N supplied by Ammonium Nitrate. Price is not per pound of total product applied, no conversion is needed.	Pound	$0.73	250	$182.97
Phosphorus, P2O5	73	Price per pound of P2O5 supplied by Superphosphate. Price is not per pound of total product applied, no conversion is needed.	Pound	$0.78	250	$196.04
Potassium, K2O	74	K2O supplied by Muriate Of Potash. Price is not per pound of total product applied, no conversion is needed.	Pound	$0.44	100	$43.56
Two Species Mix, Cool Season Annual (1 grass and 1 legume)	2314	Cool season annual grass and legume mix. Includes material and shipping only.	Acre	$54.10	5	$270.52
Equipment Installation						
Fertilizer, ground application, dry bulk	950	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	$6.77	5	$33.86
Mechanical weed control, Vegetation termination	957	Mechanical operations, Includes: Roller/crimper, mower, shredder, etc. Includes equipment, power unit and labor costs.	Acre	$20.24	10	$202.42
Seeding Operation, No Till/Grass Drill	960	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	$21.05	5	$105.24
Tillage, Light	945	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	$10.98	15	$164.73
Foregone Income						
FI, Vegetables	2033	Vegetables is Primary Crop	Acre	$1,133.49	5	$5,667.44

Practice: 327 - Conservation Cover

Scenario: #7 - Organic Field Crops to Permanent Seeding

Scenario Description: This practice applies on organically managed land needing permanent protective cover. This practice typically involves conversion from an intensive organic cropping system to permanent non-native vegetation (scenario includes non-native grass/legume mix). The typical size of the practice is 5 acres. This practice scenario is typically used to reduce soil erosion, reduce soil quality degradation, improve water quality, develop wildlife habitit, and reduce air quality impacts. Associated Practices: Brush Management (314), Nutrient Management (590), Integrated Pest Management (595).

Before Situation: Field crops such as corn and soybeans are organically grown and harvested. Full width tillage is utilized, weeds controlled mainly by cultivation. Soil surface residue amounts average 10% or less. Soil erosion occurs with visible rills present, sediment may be moving offsite into surface water degrading water quality. Soil quality (soil organic matter) declines over time as a result of tillage practices, low residue, and long periods of bare soil. Air quality may be impacted during field operations by the creation of particulates. The system provides little to no wildlife habitat.

After Situation: Organically managed land covered with permanent non-native grass/legume mix vegetation has reduced soil erosion, reduced water/sediment runoff, and significant dust emissions are eliminated therefore, air quality is improved. Plants sown for conservation cover may provide cover for beneficial insects and wildlife. This scenario does not apply to plantings for forage production or to critical area plantings.

Scenario Feature Measure: Acres Planted

Scenario Unit: Acre

Scenario Typical Size: 5

Total Scenario Cost: $3,130.21

Scenario Cost/Unit: $626.04

Cost Details

Component Name	Id	Description	Unit	Cost	Qty	Total
Materials						
Certified Organic, Two Species Mix, Cool Season, Annual Grasses and Legumes	2339	Certified organic cool season annual grass and legume mix. Includes material and shipping only.	Acre	$98.96	5	$494.82
Nitrogen, Organic	266	ORGANIC Nitrogen	Pound	$0.25	250	$62.65
Phosphorus, Organic	267	ORGANIC Phosphorus	Pound	$0.25	250	$62.44
Potassium, Organic	268	ORGANIC Potassium	Pound	$0.25	100	$24.98
Equipment Installation						
Fertilizer, ground application, dry bulk	950	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	$6.77	5	$33.86
Mechanical weed control, Vegetation termination	957	Mechanical operations, Includes: Roller/crimper, mower, shredder, etc. Includes equipment, power unit and labor costs.	Acre	$20.24	10	$202.42
Seeding Operation, No Till/Grass Drill	960	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	$21.05	5	$105.24
Tillage, Light	945	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	$10.98	15	$164.73
Foregone Income						
FI, Organic, Corn Dryland	2232	Organic Dryland Corn is Primary Crop	Acre	$419.40	2.5	$1,048.49
FI, Organic, Soybeans Dryland	2234	Organic Dryland Soybeans is Primary Crop	Acre	$439.39	1.25	$549.24
FI, Organic, Wheat Dryland	2236	Organic Dryland Wheat is Primary Crop	Acre	$305.07	1.25	$381.34

Practice: 327 - Conservation Cover

Scenario: #8 - Organic Vegetable or Fruit to Permanent Seeding

Scenario Description: This practice applies on organically managed land needing permanent protective cover. This practice typically involves conversion from an intensive organic cropping system to permanent native vegetation (scenario includes native grass/legume mix). The typical size of the practice is 5 acres. This practice scenario is typically used to reduce soil erosion, reduce soil quality degradation, improve water quality, develop wildlife habitit, and reduce air quality impacts. *Certified Organic Native Seed is typically NOT available, therefore non-organic seed components were used. Associated Practices: Brush Management (314), Nutrient Management (590), Integrated Pest Management (595).

Before Situation: Crops such as vegetables and small fruit crops are organically grown and harvested. Full width tillage is utilized, weeds controlled mainly by cultivation. Soil surface residue amounts average 10% or less. Soil erosion occurs with visible rills present, sediment may be moving offsite into surface water degrading water quality. Soil quality (soil organic matter) declines over time as a result of tillage practices, low residue, and long periods of bare soil. Air quality may be impacted during field operations by the creation of particulates. The system provides little to no wildlife habitat.

After Situation: Organically manage land covered with permanent native grass/legume mix vegetation has reduced soil erosion, reduced water/sediment runoff, and significant dust emissions are eliminated therefore, air quality is improved. Plants sown for conservation cover may provide cover for beneficial insects and wildlife. This scenario does not apply to plantings for forage production or to critical area plantings.

Scenario Feature Measure: Area planted

Scenario Unit: Acre

Scenario Typical Size: 5

Total Scenario Cost: $7,722.74

Scenario Cost/Unit: $1,544.55

Cost Details

Component Name	Id	Description	Unit	Cost	Qty	Total
Materials						
Phosphorus, Organic	267	ORGANIC Phosphorus	Pound	$0.25	250	$62.44
Potassium, Organic	268	ORGANIC Potassium	Pound	$0.25	250	$62.44
Untreated Conventional Seed, Two Species Mix, Warm Season, Perennial Grasses	2342	Untreated conventional native, warm season perennial grass. May contain seed that are not available as certified organic. Includes material and shipping only.	Acre	$94.57	5	$472.84
Equipment Installation						
Fertilizer, ground application, dry bulk	950	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	$6.77	5	$33.86
Mechanical weed control, Vegetation termination	957	Mechanical operations, Includes: Roller/crimper, mower, shredder, etc. Includes equipment, power unit and labor costs.	Acre	$20.24	15	$303.63
Seeding Operation, No Till/Grass Drill	960	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	$21.05	5	$105.24
Tillage, Light	945	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	$10.98	15	$164.73
Foregone Income						
FI, Organic, Vegetables	2252	Vegetables is Primary Crop	Acre	$1,303.51	5	$6,517.55

Practice: 327 - Conservation Cover

Scenario: #9 - Native Wetland Seeding Mix

Scenario Description: A seed mix of comprised native grasses, rushes, sedges, and forbs that will provide food and cover for insects, birds, and mammals utilizing restored/enhanced wetlands. The typical size is 1 acre. The practice scenario is used to reduce soil erosion, improve water quality, and develop wildlife habitat. Does not include any fertilizer or herbicides, as these are generally not required in wetland conditions.

Before Situation: An altered wetland is restored or enhanced to support wildlife habitat and improve water quality, but is lacking appropriate vegetative habitat to support wetland species. Adequate seed stock does not exist within the soil system.

After Situation: The wetland is planted with a wetland seed mix of native grasses, rushes, sedges, and forbs that provide food and cover for insects, birds, and mammals within the restored/enhanced wetlands.

Scenario Feature Measure: Acre of seeded area

Scenario Unit: Acre

Scenario Typical Size: 1

Total Scenario Cost: $1,007.67

Scenario Cost/Unit: $1,007.67

Cost Details

Component Name	Id	Description	Unit	Cost	Qty	Total
Equipment Installation						
Seeding Operation, No Till/Grass Drill	960	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	$21.05	1	$21.05
Materials						
Six Species Mix, Native Forb	2334	Native forb mix. Includes material and shipping only.	Acre	$986.62	1	$986.62