

Scenario Worksheet

Practice and Scenario Description:

Information Type	Data
Region	New England
State	Connecticut
Discipline Group	Agronomy
Practice Code/Name	327 - Conservation Cover
Scenario ID	7
Scenario Name	Pollinator Habitat
Scenario Description	Establish permanent vegetative cover for pollinator habitat according to state specifications. Typically used for common/agronomic pollinator species on larger-scale plantings. Assumes seed/plugs, equipment and labor for seed bed prep/planting, and weed management during establishment. Used for conventional or organic land.
Before Practice Situation	Land used to grow specialty crops does not have high quality forage/habitat for native pollinators. Plant species diversity is often low and a season long range of nectar/pollen producing plants is needed to encourage permanent habitat for native pollinators.
After Practice Situation	Permanent pollinator habitat is established. 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	5

Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$2,628.60	\$525.72
Equipment/Installation	\$453.15	\$90.63
Labor	\$25.71	\$5.14
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$144.67	\$28.93
Foregone Income	\$0.00	\$0.00
Total	\$3,252.13	\$650.43

Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Materials	2013	Narrow-leaved Milkweed (Asclepias fascicularis)	Native Forbs & shipping	Pound	\$355.30	5	\$1,776.50
Materials	114	Certified Organic, Alfalfa (Medicago sativa)	Introduced Legumes and shipping.	Pound	\$4.38	15	\$65.70
Materials	125	Partidge Pea (Chamaecrista fasciculata)	Native Legumes and shipping.	Pound	\$15.70	10	\$157.00
Materials	112	Red Clover (Trifolium pratense)	Introduced Legumes and shipping.	Pound	\$2.60	50	\$130.00
Materials	148	Black-Eyed Susan (Rudbeckia hirta)	Native Forbs and shipping.	Pound	\$33.55	10	\$335.50
Materials	136	Purple Coneflower (Echinacea purpurea)	Native Forbs and shipping.	Pound	\$32.78	5	\$163.90
Equipment/Installation	960	Seeding Operation, No Till/Grass Drill	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	\$19.08	5	\$95.40
Equipment/Installation	957	Mechanical weed control, Vegetation termination	Mechanical operations, Includes: Roller/crimper, mower, shredder, etc. Includes equipment, power unit and labor costs.	Acre	\$17.43	15	\$261.45
Equipment/Installation	945	Tillage, Light	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	\$9.63	10	\$96.30
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	1	\$25.71
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	50	\$28.00
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

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Practice and Scenario Description:

Information Type	Data
Region	New England
State	Connecticut
Discipline Group	Agronomy
Practice Code/Name	327 - Conservation Cover
Scenario ID	8
Scenario Name	Intensive Pollinator Habitat
Scenario Description	Establish permanent vegetative cover for pollinator habitat according to state specifications. Typically used for high quality nectar and pollen species. Assumes seed/plugs, equipment and labor for seed bed prep/planting, and weed management during establishment. Used for conventional or organic land on small, intensive areas that are central to specialty crop production. Does not include foregone income. Not typically used for large-scale plantings.
Before Practice Situation	Land used to grow specialty crops does not have high quality forage/habitat for native pollinators. Plant species diversity is often low and a season long range of nectar/pollen producing plants is needed to encourage permanent habitat for native pollinators.
After Practice Situation	Permanent pollinator habitat is established. 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	0.5

Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$597.23	\$1,194.45
Equipment/Installation	\$45.32	\$90.63
Labor	\$25.71	\$51.42
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$0.00	\$0.00
Total	\$668.25	\$1,336.50

Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Materials	125	Partidge Pea (Chamaecrista fasciculata)	Native Legumes and shipping.	Pound	\$15.70	1	\$15.70
Materials	2014	Silky Lupine (Lupinus sericeus)	Native Forbs & shipping	Pound	\$150.45	1	\$150.45
Materials	2013	Narrow-leaved Milkweed (Asclepias fascicularis)	Native Forbs & shipping	Pound	\$355.30	0.5	\$177.65
Materials	119	Blue Wild Indigo (Baptisia australis)	Native Legumes and shipping.	Pound	\$156.45	0.5	\$78.23
Materials	136	Purple Coneflower (Echinacea purpurea)	Native Forbs and shipping.	Pound	\$32.78	1	\$32.78
Materials	133	Smooth Aster (Aster laevis)	Native Forbs and shipping.	Pound	\$217.74	0.5	\$108.87
Materials	148	Black-Eyed Susan (Rudbeckia hirta)	Native Forbs and shipping.	Pound	\$33.55	1	\$33.55
Equipment/Installation	957	Mechanical weed control, Vegetation termination	Mechanical operations, Includes: Roller/crimper, mower, shredder, etc. Includes equipment, power unit and labor costs.	Acre	\$17.43	1.5	\$26.15
Equipment/Installation	960	Seeding Operation, No Till/Grass Drill	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	\$19.08	0.5	\$9.54
Equipment/Installation	945	Tillage, Light	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	\$9.63	1	\$9.63
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	1	\$25.71

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Practice and Scenario Description:

Information Type	Data
Region	New England
State	Connecticut
Discipline Group	Agronomy
Practice Code/Name	327 - Conservation Cover
Scenario ID	9
Scenario Name	Intensive Pollinator Habitat, Foregone Income
Scenario Description	Establish permanent vegetative cover for pollinator habitat according to state specifications. Typically used for high quality nectar and pollen species. Assumes seed/plugs, equipment and labor for seed bed prep/planting, and weed management during establishment. Used for conventional or organic land on small, intensive areas that are central to specialty crop production. Includes foregone income. Not typically used for large-scale plantings.
Before Practice Situation	Land used to grow specialty crops does not have high quality forage/habitat for native pollinators. Plant species diversity is often low and a season long range of nectar/pollen producing plants is needed to encourage permanent habitat for native pollinators.
After Practice Situation	Permanent pollinator habitat is established. 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	0.5

Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$597.23	\$1,194.45
Equipment/Installation	\$45.32	\$90.63
Labor	\$25.71	\$51.42
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$480.75	\$961.50
Total	\$1,149.00	\$2,298.00

Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Materials	125	Partidge Pea (Chamaecrista fasciculata)	Native Legumes and shipping.	Pound	\$15.70	1	\$15.70
Materials	2014	Silky Lupine (Lupinus sericeus)	Native Forbs & shipping	Pound	\$150.45	1	\$150.45
Materials	2013	Narrow-leaved Milkweed (Asclepias fascicularis)	Native Forbs & shipping	Pound	\$355.30	0.5	\$177.65
Materials	119	Blue Wild Indigo (Baptisia australis)	Native Legumes and shipping.	Pound	\$156.45	0.5	\$78.23
Materials	136	Purple Coneflower (Echinacea purpurea)	Native Forbs and shipping.	Pound	\$32.78	1	\$32.78
Materials	133	Smooth Aster (Aster laevis)	Native Forbs and shipping.	Pound	\$217.74	0.5	\$108.87
Materials	148	Black-Eyed Susan (Rudbeckia hirta)	Native Forbs and shipping.	Pound	\$33.55	1	\$33.55
Equipment/Installation	957	Mechanical weed control, Vegetation termination	Mechanical operations, Includes: Roller/crimper, mower, shredder, etc. Includes equipment, power unit and labor costs.	Acre	\$17.43	1.5	\$26.15
Equipment/Installation	960	Seeding Operation, No Till/Grass Drill	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	\$19.08	0.5	\$9.54
Equipment/Installation	945	Tillage, Light	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	\$9.63	1	\$9.63
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	1	\$25.71
Foregone Income	2033	Fl. Vegetables	Vegetables is Primary Crop	Acre	\$961.50	0.5	\$480.75

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Practice and Scenario Description:

Information Type	Data
Region	New England
State	Connecticut
Discipline Group	Agronomy
Practice Code/Name	327 - Conservation Cover
Scenario ID	1
Scenario Name	Introduced, Cool-Season
Scenario Description	Establish introduced/cool-season grass or grass-legume mix on conventional land in need of permanent cover. Typically assumes fertilizer, seed, equipment and labor for seed bed prep, tillage, seeding, and spreading. Does not include foregone income for conversion of cropland. Does not assume lime application to raise pH (cost not approved for this practice nationally), even though lime is typically recommended in NE when establishing introduced species.
Before Practice Situation	Land is without permanent vegetative cover and is subject to soil erosion. Sediment may be moving offsite into surface water degrading water quality. The system does not provide good wildlife habitat.
After Practice Situation	Land is covered with permanent vegetation and soil erosion and water/sediment runoff is reduced. Wildlife habitat is improved.
Scenario Feature Measure	Area planted
Scenario Unit	Acre
Scenario Typical Size	5

Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$936.75	\$187.35
Equipment/Installation	\$221.15	\$44.23
Labor	\$64.28	\$12.86
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$0.00	\$0.00
Total	\$1,222.18	\$244.44

Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Materials	97	Timothy (Phleum pratense)	Introduced Perennial Grasses and shipping.	Pound	\$2.46	25	\$61.50
Materials	96	Redtop (Agrostis gigantea)	Introduced Perennial Grasses and shipping.	Pound	\$9.45	5	\$47.25
Materials	92	Orchard Grass (Dactylis glomerata)	Introduced Perennial Grasses and shipping.	Pound	\$2.04	25	\$51.00
Materials	74	Potassium, K2O	K2O supplied by Muriate Of Potash. Price is not per pound of total product applied, no conversion is needed.	Pound	\$0.53	500	\$265.00
Materials	73	Phosphorus, P2O5	Price per pound of P2O5 supplied by Superphosphate. Price is not per pound of total product applied, no conversion is needed.	Pound	\$0.96	250	\$240.00
Materials	69	Nitrogen (N), Ammonium Nitrate	Price per pound of N supplied by Ammonium Nitrate. Price is not per pound of total product applied, no conversion is needed.	Pound	\$0.88	250	\$220.00
Materials	112	Red Clover (Trifolium pratense)	Introduced Legumes and shipping.	Pound	\$2.60	20	\$52.00
Equipment/Installation	950	Fertilizer, ground application, dry bulk	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	\$5.89	5	\$29.45
Equipment/Installation	960	Seeding Operation, No Till/Grass Drill	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	\$19.08	5	\$95.40
Equipment/Installation	945	Tillage, Light	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	\$9.63	10	\$96.30
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	2.5	\$64.28

Scenario Worksheet

Practice and Scenario Description:

Information Type	Data
Region	New England
State	Connecticut
Discipline Group	Agronomy
Practice Code/Name	327 - Conservation Cover
Scenario ID	2
Scenario Name	Introduced, Cool-Season, Foregone Income
Scenario Description	Establish introduced/cool-season grass or grass-legume mix on conventional land in need of permanent cover. Typically assumes fertilizer, seed, equipment and labor for seed bed prep, tillage, seeding, and spreading. Includes foregone income for conversion of cropland. Does not assume lime application to raise pH (cost not approved for this practice nationally), even though lime is typically recommended in NE when establishing introduced species.
Before Practice Situation	Land is without permanent vegetative cover and is subject to soil erosion. Sediment may be moving offsite into surface water degrading water quality. The system does not provide good wildlife habitat.
After Practice Situation	Land is covered with permanent vegetation and soil erosion and water/sediment runoff is reduced. Wildlife habitat is improved.
Scenario Feature Measure	Area planted
Scenario Unit	Acre
Scenario Typical Size	5

Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$936.75	\$187.35
Equipment/Installation	\$221.15	\$44.23
Labor	\$64.28	\$12.86
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$1,013.35	\$202.67
Total	\$2,235.53	\$447.11

Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Materials	97	Timothy (Phleum pratense)	Introduced Perennial Grasses and shipping.	Pound	\$2.46	25	\$61.50
Materials	96	Redtop (Agrostis gigantea)	Introduced Perennial Grasses and shipping.	Pound	\$9.45	5	\$47.25
Materials	92	Orchard Grass (Dactylis glomerata)	Introduced Perennial Grasses and shipping.	Pound	\$2.04	25	\$51.00
Materials	74	Potassium, K2O	K2O supplied by Muriate Of Potash. Price is not per pound of total product applied, no conversion is needed.	Pound	\$0.53	500	\$265.00
Materials	73	Phosphorus, P2O5	Price per pound of P2O5 supplied by Superphosphate. Price is not per pound of total product applied, no conversion is needed.	Pound	\$0.96	250	\$240.00
Materials	69	Nitrogen (N), Ammonium Nitrate	Price per pound of N supplied by Ammonium Nitrate. Price is not per pound of total product applied, no conversion is needed.	Pound	\$0.88	250	\$220.00
Materials	112	Red Clover (Trifolium pratense)	Introduced Legumes and shipping.	Pound	\$2.60	20	\$52.00
Equipment/Installation	950	Fertilizer, ground application, dry bulk	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	\$5.89	5	\$29.45
Equipment/Installation	960	Seeding Operation, No Till/Grass Drill	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	\$19.08	5	\$95.40
Equipment/Installation	945	Tillage, Light	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	\$9.63	10	\$96.30
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	2.5	\$64.28
Foregone Income	1959	Fl, Corn Dryland	Dryland Corn is Primary Crop	Acre	\$202.67	5	\$1,013.35

Scenario Worksheet

Practice and Scenario Description:

Information Type	Data
Region	New England
State	Connecticut
Discipline Group	Agronomy
Practice Code/Name	327 - Conservation Cover
Scenario ID	5
Scenario Name	Native, Warm-Season
Scenario Description	Establish native/warm-season seed mixes on conventional or organic land in need of permanent cover. Typically assumes high seed costs for native seed, as well as equipment and labor for seed bed prep, tillage, seeding, and spreading. Does not include foregone income for conversion of cropland.
Before Practice Situation	Land is without permanent vegetative cover and is subject to soil erosion. Sediment may be moving offsite into surface water degrading water quality. The system does not provide good wildlife habitat.
After Practice Situation	Land is covered with permanent, native vegetation and soil erosion and water/sediment runoff is reduced. Wildlife habitat is improved.
Scenario Feature Measure	Area planted
Scenario Unit	Acre
Scenario Typical Size	5

Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$1,258.40	\$251.68
Equipment/Installation	\$395.45	\$79.09
Labor	\$64.28	\$12.86
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$0.00	\$0.00
Total	\$1,718.13	\$343.63

Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Materials	82	Switchgrass, Blackwell (Panicum virgatum)	Native Grasses and shipping.	Pound	\$9.62	25	\$240.50
Materials	84	Wild Rye, Virginia (Elymus virginicus)	Native Grasses and shipping.	Pound	\$9.81	15	\$147.15
Materials	79	Little Blue Stem (Schizachyrium scoparium)	Native Grasses and shipping.	Pound	\$15.43	20	\$308.60
Materials	76	Big Blue Stem (Andropogon gerardii)	Native Grasses and shipping.	Pound	\$11.81	15	\$177.15
Materials	74	Potassium, K2O	K2O supplied by Muriate Of Potash. Price is not per pound of total product applied, no conversion is needed.	Pound	\$0.53	500	\$265.00
Materials	73	Phosphorus, P2O5	Price per pound of P2O5 supplied by Superphosphate. Price is not per pound of total product applied, no conversion is needed.	Pound	\$0.96	125	\$120.00
Equipment/Installation	950	Fertilizer, ground application, dry bulk	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	\$5.89	5	\$29.45
Equipment/Installation	960	Seeding Operation, No Till/Grass Drill	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	\$19.08	5	\$95.40
Equipment/Installation	957	Mechanical weed control, Vegetation termination	Mechanical operations, Includes: Roller/crimper, mower, shredder, etc. Includes equipment, power unit and labor costs.	Acre	\$17.43	10	\$174.30
Equipment/Installation	945	Tillage, Light	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	\$9.63	10	\$96.30
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	2.5	\$64.28

Scenario Worksheet

Practice and Scenario Description:

Information Type	Data
Region	New England
State	Connecticut
Discipline Group	Agronomy
Practice Code/Name	327 - Conservation Cover
Scenario ID	6
Scenario Name	Native, Warm-Season, Foregone Income
Scenario Description	Establish native/warm-season seed mixes on conventional or organic land in need of permanent cover. Typically assumes high seed costs for native seed, as well as equipment and labor for seed bed prep, tillage, seeding, and spreading. Includes foregone income for conversion of cropland.
Before Practice Situation	Land is without permanent vegetative cover and is subject to soil erosion. Sediment may be moving offsite into surface water degrading water quality. The system does not provide good wildlife habitat.
After Practice Situation	Land is covered with permanent, native vegetation and soil erosion and water/sediment runoff is reduced. Wildlife habitat is improved.
Scenario Feature Measure	Area planted
Scenario Unit	Acre
Scenario Typical Size	5

Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$1,258.40	\$251.68
Equipment/Installation	\$395.45	\$79.09
Labor	\$64.28	\$12.86
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$1,013.35	\$202.67
Total	\$2,731.48	\$546.30

Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Materials	73	Phosphorus, P2O5	Price per pound of P2O5 supplied by Superphosphate. Price is not per pound of total product applied, no conversion is needed.	Pound	\$0.96	125	\$120.00
Materials	74	Potassium, K2O	K2O supplied by Muriate Of Potash. Price is not per pound of total product applied, no conversion is needed.	Pound	\$0.53	500	\$265.00
Materials	76	Big Blue Stem (Andropogon gerardii)	Native Grasses and shipping.	Pound	\$11.81	15	\$177.15
Materials	79	Little Blue Stem (Schizachyrium scoparium)	Native Grasses and shipping.	Pound	\$15.43	20	\$308.60
Materials	82	Switchgrass, Blackwell (Panicum virgatum)	Native Grasses and shipping.	Pound	\$9.62	25	\$240.50
Materials	84	Wild Rye, Virginia (Elymus virginicus)	Native Grasses and shipping.	Pound	\$9.81	15	\$147.15
Equipment/Installation	957	Mechanical weed control, Vegetation termination	Mechanical operations, Includes: Roller/crimper, mower, shredder, etc. Includes equipment, power unit and labor costs.	Acre	\$17.43	10	\$174.30
Equipment/Installation	950	Fertilizer, ground application, dry bulk	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	\$5.89	5	\$29.45
Equipment/Installation	960	Seeding Operation, No Till/Grass Drill	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	\$19.08	5	\$95.40
Equipment/Installation	945	Tillage, Light	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	\$9.63	10	\$96.30
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	2.5	\$64.28
Foregone Income	1959	Fl, Corn Dryland	Dryland Corn is Primary Crop	Acre	\$202.67	5	\$1,013.35

Scenario Worksheet

Practice and Scenario Description:

Information Type	Data
Region	New England
State	Connecticut
Discipline Group	Agronomy
Practice Code/Name	327 - Conservation Cover
Scenario ID	3
Scenario Name	Introduced, Cool-Season, Organic
Scenario Description	Establish certified organic, introduced/cool-season grass or grass-legume mix on organic or transitioning to organic land in need of permanent cover. Typically assumes higher seed costs for organic seeds/nutrients, and equipment and labor for seed bed prep, tillage, seeding, and spreading. Does not include foregone income for conversion of cropland. Does not assume lime application to raise pH (cost not approved for this practice nationally), even though lime is typically recommended in NE when establishing introduced species.
Before Practice Situation	Land is without permanent vegetative cover and is subject to soil erosion. Sediment may be moving offsite into surface water degrading water quality. The system does not provide good wildlife habitat.
After Practice Situation	Land is covered with permanent, native vegetation and soil erosion and water/sediment runoff is reduced. Wildlife habitat is improved.
Scenario Feature Measure	Area planted
Scenario Unit	Acre
Scenario Typical Size	5

Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$1,832.45	\$366.49
Equipment/Installation	\$221.15	\$44.23
Labor	\$64.28	\$12.86
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$0.00	\$0.00
Total	\$2,117.88	\$423.58

Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Materials	117	Certified Organic, Red Clover (Trifolium pratense)	Introduced Legumes and shipping.	Pound	\$8.46	20	\$169.20
Materials	267	Phosphorus, Organic	ORGANIC Phosphorus	Pound	\$3.03	250	\$757.50
Materials	268	Potassium, Organic	ORGANIC Potassium	Pound	\$1.34	500	\$670.00
Materials	102	Certified Organic, Smooth Bromegrass (Bromus inermis)	Introduced Perennial Grasses and shipping.	Pound	\$4.41	25	\$110.25
Materials	100	Certified Organic, Orchard Grass (Dactylis glomerata)	Introduced Perennial Grasses and shipping.	Pound	\$5.02	25	\$125.50
Equipment/Installation	950	Fertilizer, ground application, dry bulk	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	\$5.89	5	\$29.45
Equipment/Installation	960	Seeding Operation, No Till/Grass Drill	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	\$19.08	5	\$95.40
Equipment/Installation	945	Tillage, Light	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	\$9.63	10	\$96.30
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	2.5	\$64.28

Scenario Worksheet

Practice and Scenario Description:

Information Type	Data
Region	New England
State	Connecticut
Discipline Group	Agronomy
Practice Code/Name	327 - Conservation Cover
Scenario ID	4
Scenario Name	Introduced, Cool-Season, Organic, Foregone Income
Scenario Description	Establish certified organic, introduced/cool-season grass or grass-legume mix on organic or transitioning to organic land in need of permanent cover. Typically assumes higher seed costs for organic seeds/nutrients, and equipment and labor for seed bed prep, tillage, seeding, and spreading. Includes foregone income for conversion of cropland. Does not assume lime application to raise pH (cost not approved for this practice nationally), even though lime is typically recommended in NE when establishing introduced species.
Before Practice Situation	Land is without permanent vegetative cover and is subject to soil erosion. Sediment may be moving offsite into surface water degrading water quality. The system does not provide good wildlife habitat.
After Practice Situation	Land is covered with permanent, native vegetation and soil erosion and water/sediment runoff is reduced. Wildlife habitat is improved.
Scenario Feature Measure	Area planted
Scenario Unit	Acre
Scenario Typical Size	5

Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$1,832.45	\$366.49
Equipment/Installation	\$221.15	\$44.23
Labor	\$64.28	\$12.86
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$1,013.35	\$202.67
Total	\$3,131.23	\$626.25

Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Materials	117	Certified Organic, Red Clover (Trifolium pratense)	Introduced Legumes and shipping.	Pound	\$8.46	20	\$169.20
Materials	267	Phosphorus, Organic	ORGANIC Phosphorus	Pound	\$3.03	250	\$757.50
Materials	268	Potassium, Organic	ORGANIC Potassium	Pound	\$1.34	500	\$670.00
Materials	102	Certified Organic, Smooth Bromegrass (Bromus inermis)	Introduced Perennial Grasses and shipping.	Pound	\$4.41	25	\$110.25
Materials	100	Certified Organic, Orchard Grass (Dactylis glomerata)	Introduced Perennial Grasses and shipping.	Pound	\$5.02	25	\$125.50
Equipment/Installation	950	Fertilizer, ground application, dry bulk	Dry bulk fertilizer application performed by ground equipment. Includes equipment, power unit and labor costs.	Acre	\$5.89	5	\$29.45
Equipment/Installation	960	Seeding Operation, No Till/Grass Drill	No Till drill or grass drill for seeding. Includes equipment, power unit and labor costs.	Acre	\$19.08	5	\$95.40
Equipment/Installation	945	Tillage, Light	Includes light disking (tandem) or field cultivator. Includes equipment, power unit and labor costs.	Acre	\$9.63	10	\$96.30
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	2.5	\$64.28
Foregone Income	1959	Fl, Corn Dryland	Dryland Corn is Primary Crop	Acre	\$202.67	5	\$1,013.35