

**2007 CONSERVATION PRACTICE AVERAGE COSTS  
NEW YORK STATE**

<b>Practice Code</b>	<b>Practice Name</b>	<b>Component</b>	<b>Unit Type</b>	<b>Unit Cost</b>
560	Access Road	Asphalt	CY	\$135.00
560	Access Road	Concrete	CY	\$245.00
560	Access Road	Concrete with curbs	CY	\$310.11
560	Access Road	Crushed Stone Products	CY	\$34.10
560	Access Road	Gravel	CY	\$29.66
560	Access Road	Seeded	AC	\$500.00
702	Agrichemical Mixing Facility	Building/Roof (per SF of footprint)	SF	\$16.00
702	Agrichemical Mixing Facility	Concrete pad with appurtenances (by CY of concrete)	CY	\$1,100.00
366	Anaerobic Digester, Controlled Temperature	Complete system per animal unit	AU	\$800.00
575	Animal Trails and Walkways	Asphalt	CY	\$135.00
575	Animal Trails and Walkways	Concrete	CY	\$245.00
575	Animal Trails and Walkways	Crushed Stone Products	CY	\$34.10
575	Animal Trails and Walkways	Gravel	CY	\$29.66
575	Animal Trails and Walkways	Seeded	AC	\$500.00
310	Bedding	Bedding	AC	\$10.00
314	Brush management	Brush - hogging	AC	\$56.25
360	Closure of Waste Impoundments	Cleanout (scraping out material and distributing)	CY	\$10.00
360	Closure of Waste Impoundments	Earthmoving - CY of material moved	CY	\$6.00
317	Composting Facility	Asphalt	CY	\$135.00
317	Composting Facility	Concrete	CY	\$276.67
317	Composting Facility	Concrete reinforced wall	CY	\$415.00
317	Composting Facility	Concrete with curbs	CY	\$310.11
317	Composting Facility	Crushed Stone Products	CY	\$34.10
317	Composting Facility	Gravel	CY	\$29.66
317	Composting Facility	Timber wall	SF	\$6.50
100	Comprehensive Nutrient Management Plan	Entire operation with < 10 fields	NO	\$1,500.00
100	Comprehensive Nutrient Management Plan	Entire operation with 10 to 20 fields	NO	\$2,500.00
100	Comprehensive Nutrient Management Plan	Entire operation with > 20 fields	NO	\$3,500.00
100	Comprehensive Nutrient Management Plan	Engineer's inspection of existing pits (maximum of 2 per contract)	NO	\$3,000.00
327	Conservation Cover	Hand seeding	AC	\$350.00
327	Conservation Cover	Introduced Species	AC	\$175.00
327	Conservation Cover	Native Species	AC	\$275.00
327	Conservation Cover	Native Species w/ Forbs	AC	\$335.00
327	Conservation Cover	Top dressing	AC	\$90.00
327	Conservation Cover	Pre and post emergence spraying	AC	\$40.00
327	Conservation Cover	Mowing - rough conditions	AC	\$55.00
332	Contour Buffer Strips	Contour Buffer Strips	AC	\$175.00
330	Contour Farming	Contour Farming: one time payment during first year of implementation	AC	\$33.00
340	Cover Crop	Hand seeding	AC	\$350.00

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340	Cover Crop	Mechanical seeding	AC	\$30.00
342	Critical Area Planting	Conventional equipment: seeding and mulching	AC	\$460.00
342	Critical Area Planting	Seeding and mulching with earthwork	AC	\$1,470.00
342	Critical Area Planting	Steep banks where conventional planting equipment cannot be used.	AC	\$1,150.00
324	Deep Tillage	Deep Tillage	AC	\$10.00
362	Diversion	Barnyard/Livestock	FT	\$4.90
362	Diversion	Cropland/pasture	FT	\$2.80
647	Early Successional Habitat Development/Management	Biological control: cost per beetle	NO	\$0.14
647	Early Successional Habitat Development/Management	Chemical Application-spraying	AC	\$40.00
647	Early Successional Habitat Development/Management	Cut/clear Brush = or <2" DBH-light density	AC	\$65.00
647	Early Successional Habitat Development/Management	Cut/clear Brush <2" heavy density or >2"-<4" DBH	AC	\$400.00
647	Early Successional Habitat Development/Management	Cut/clear Brush >4" DBH	AC	\$750.00
647	Early Successional Habitat Development/Management	Grazing: number of goat days/year	NO	\$2.50
647	Early Successional Habitat Development/Management	Hand seeding	AC	\$350.00
647	Early Successional Habitat Development/Management	Introduced Species	AC	\$175.00
647	Early Successional Habitat Development/Management	Mast Tree Pruning per tree	NO	\$15.00
647	Early Successional Habitat Development/Management	Mowing - rough conditions	AC	\$55.00
647	Early Successional Habitat Development/Management	Native Species	AC	\$275.00
647	Early Successional Habitat Development/Management	Native Species w/ Forbs	AC	\$335.00
647	Early Successional Habitat Development/Management	Prescribed Burning	AC	\$500.00
647	Early Successional Habitat Development/Management	Selective tree felling per tree	NO	\$10.00
647	Early Successional Habitat Development/Management	Top dressing	AC	\$90.00
647	Early Successional Habitat Development/Management	Tree/shrub removal-heavy equipment on grasslands	AC	\$1,200.00
382	Fence	Barbed Wire 3 strand	FT	\$1.50
382	Fence	High Tensile 2 strand	FT	\$1.60
382	Fence	High Tensile 3 strand	FT	\$2.00
382	Fence	High Tensile 4 strand	FT	\$2.30
382	Fence	High Tensile 5 strand	FT	\$2.80
382	Fence	High Tensile 6 strand	FT	\$3.20
382	Fence	Woven Wire	FT	\$3.90
386	Field Border	20 feet wide introduced species	AC	\$175.00
393	Filter Strip	Filter Strip (strip)	AC	\$250.00
511	Forage Harvest Management	Forage Harvest Management	AC	\$5.00
666	Forest Stand Improvement	Chainsaw operator, six hours/acre	AC	\$120.00
655	Forest Trails & Landings	Equipment rental w/ operator	HR	\$120.00
410	Grade Stabilization Structure	Grade Stabilization Structure	NO	\$1,000.00
412	Grassed Waterway	Cubic yards of rock for lined center	CY	\$30.00
412	Grassed Waterway	Grassed Waterway	AC	\$3,821.17
548	Grazing Land Mechanical Treatment	Grazing Land Mechanical Treatment	AC	\$8.00

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561	Heavy Use Area Protection	Asphalt	CY	\$135.00
561	Heavy Use Area Protection	Concrete	CY	\$245.00
561	Heavy Use Area Protection	Concrete reinforced wall	CY	\$415.00
561	Heavy Use Area Protection	Concrete with curbs	CY	\$310.11
561	Heavy Use Area Protection	Crushed Stone Products	CY	\$34.10
561	Heavy Use Area Protection	Gravel	CY	\$29.66
561	Heavy Use Area Protection	Pole barn roof structure over heavy use area for water exclusion	SF	\$17.00
561	Heavy Use Area Protection	Tarp roof structure over heavy use area for water exclusion	SF	\$8.00
441	Irrigation system - Microirrigation	Irrigation system - Microirrigation	AC	\$1,650.00
442	Irrigation system - Sprinkler	Solid Set: Aluminum pipe with nozzles and riser pipes - 3"	FT	\$2.25
442	Irrigation system - Sprinkler	Solid Set: Aluminum pipe with nozzles and riser pipes - 5"	FT	\$4.25
442	Irrigation system - Sprinkler	Solid Set: Aluminum pipe with nozzles and riser pipes - 4"	FT	\$3.13
442	Irrigation system - Sprinkler	Wheel Line: includes wheel + 40' pipe w/nozzles	NO	\$325.00
430DD	Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plastic	SDR 21 - 2" installed w/ appurtenances	FT	\$5.50
430DD	Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plastic	SDR 21 - 4" installed w/ appurtenances	FT	\$8.00
430DD	Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plastic	SDR 21 - 6" installed w/ appurtenances	FT	\$11.00
430DD	Irrigation Water Conveyance, Pipeline, High-Pressure, Underground, Plastic	SDR 21 - 8" installed w/ appurtenances	FT	\$12.50
430EE	Irrigation Water Conveyance, Pipeline, Low Pressure, Underground, Plastic	SDR 21 - 2" installed w/ appurtenances	FT	\$5.50
430EE	Irrigation Water Conveyance, Pipeline, Low Pressure, Underground, Plastic	SDR 21 - 4" installed w/ appurtenances	FT	\$8.00
430EE	Irrigation Water Conveyance, Pipeline, Low Pressure, Underground, Plastic	SDR 21 - 6" installed w/ appurtenances	FT	\$11.00
430EE	Irrigation Water Conveyance, Pipeline, Low Pressure, Underground, Plastic	SDR 21 - 8" installed w/ appurtenances	FT	\$12.50
449	Irrigation Water Management	Irrigation system - Microirrigation	AC	\$10.00
468	Lined Waterway or Outlet	Cubic yards of rock	CY	\$30.00
634	Manure Transfer	Manure: Pipe - gravity system	FT	\$52.00
634	Manure Transfer	Manure: Pipe (12") - pumped system	FT	\$30.00
634	Manure Transfer	Manure: Pipe (6")- pumped system	FT	\$12.00
634	Manure Transfer	Manure: Pump (centrifugal)	NO	\$8,000.00
634	Manure Transfer	Manure: Pump (piston type)	NO	\$25,000.00
634	Manure Transfer	Manure: Tank	GAL	\$1.81
634	Manure Transfer	Milkhouse Waste or Sileage Leachate: Pipe	FT	\$5.75
634	Manure Transfer	Milkhouse Waste or Sileage Leachate: Pump	NO	\$2,118.50
634	Manure Transfer	Milkhouse Waste or Sileage Leachate: Tank	GAL	\$2.30
484	Mulching	Mulching	AC	\$219.21
590	Nutrient Management	Livestock operations: conventional applicaton. One time payment in first year of implementation.	AC	\$27.00
590	Nutrient Management	Vegetable, Orchard, and Vineyard Operations. One time payment in first year of implementation	AC	\$55.00
500	Obstruction Removal	Heavy - Building foundations, large trees & boulders	AC	\$14,200.00
500	Obstruction Removal	Light - fence or brush	AC	\$4,100.00
500	Obstruction Removal	Medium - small tress, stone and brush	AC	\$7,850.00

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582	Open Channel	Open Channel	FT	\$6.00
512	Pasture and Hay Planting	Conventional or no-till tillage	AC	\$275.00
512	Pasture and Hay Planting	Frost Seeding	AC	\$40.00
516	Pipeline	160 psi HDPE - 1-1/2 " above ground	FT	\$2.00
516	Pipeline	160 psi HDPE - 2" above ground	FT	\$3.00
516	Pipeline	160 psi, HDPE -1-1/4" above ground	FT	\$1.90
516	Pipeline	Trenching	FT	\$1.00
378	Pond	Cubic yards of material moved	CY	\$6.30
521D	Pond Sealing or Lining - Clay	Installed cost by CY of material	CY	\$10.00
521A	Pond Sealing or Lining - Flexible Membrane	Cost by square feet of material	SF	\$1.80
338	Prescribed Burning	Prescribed Burning	AC	\$500.00
528	Prescribed Grazing	One time payment in first year of implementation	AC	\$19.00
533	Pumping Plant	Pumping Plant	NO	\$2,500.00
329	Residue Management - No-Till and Strip Till	One time payment in first year of implementation	AC	\$49.00
345	Residue Management, Mulch Till	One time payment in first year of implementation	AC	\$33.00
346	Residue Management, Ridge Till	One time payment in first year of implementation	AC	\$33.00
643	Restoration and Management of Declining Habitats	Biological control: cost per beetle	NO	\$0.14
643	Restoration and Management of Declining Habitats	Chemical Application-spraying	AC	\$40.00
643	Restoration and Management of Declining Habitats	Cut/clear Brush = or <2" DBH-light density	AC	\$65.00
643	Restoration and Management of Declining Habitats	Cut/clear Brush >4" DBH	AC	\$750.00
643	Restoration and Management of Declining Habitats	Cut/clear Brush, <2" heavy density or >2"-<4" DBH	AC	\$400.00
643	Restoration and Management of Declining Habitats	Grazing: number of goat days/year	NO	\$2.50
643	Restoration and Management of Declining Habitats	Hand seeding	AC	\$350.00
643	Restoration and Management of Declining Habitats	Introduced Species	AC	\$175.00
643	Restoration and Management of Declining Habitats	Mowing - rough conditions	AC	\$55.00
643	Restoration and Management of Declining Habitats	Native Species	AC	\$275.00
643	Restoration and Management of Declining Habitats	Native Species w/ Forbs	AC	\$335.00
643	Restoration and Management of Declining Habitats	Prescribed Burning	AC	\$500.00
643	Restoration and Management of Declining Habitats	Top dressing	AC	\$90.00
643	Restoration and Management of Declining Habitats	Tree/shrub removal-heavy equipment on grasslands	AC	\$1,200.00
391	Riparian Forest Buffer	Hand seeding	AC	\$350.00
391	Riparian Forest Buffer	Mowing rough conditions	AC	\$55.00
391	Riparian Forest Buffer	Chemical Application-spraying	AC	\$40.00
391	Riparian Forest Buffer	Top dressing	AC	\$90.00
391	Riparian Forest Buffer	Zone 3: Introduced Species	AC	\$175.00
391	Riparian Forest Buffer	Zone 3: Native Species w/ Forbs	AC	\$335.00
391	Riparian Forest Buffer	Zone 3: Native Species	AC	\$275.00
391	Riparian Forest Buffer	Zones 1 and 2	AC	\$1,530.00
390	Riparian Herbaceous Cover	Hand seeding	AC	\$350.00
390	Riparian Herbaceous Cover	Introduced Species	AC	\$175.00

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390	Riparian Herbaceous Cover	Mowing rough conditions	AC	\$55.00
390	Riparian Herbaceous Cover	Native Species	AC	\$275.00
390	Riparian Herbaceous Cover	Native species w/ Forbs	AC	\$335.00
390	Riparian Herbaceous Cover	Chemical Application-spraying	AC	\$40.00
390	Riparian Herbaceous Cover	Top dressing	AC	\$90.00
558	Roof Runoff Structure	Drip line (4" CPDT & stone)	FT	\$7.40
558	Roof Runoff Structure	Drip line (6" CPDT & stone)	FT	\$11.00
558	Roof Runoff Structure	Drip line (8" CPDT & Stone)	FT	\$13.00
558	Roof Runoff Structure	Gutter/downspout	FT	\$12.20
632	Solid/Liquid Waste Separation Facility	Sand separator mechanical w/o building	NO	\$50,000.00
632	Solid/Liquid Waste Separation Facility	Sand separator, mechanical w/ building	NO	\$100,000.00
632	Solid/Liquid Waste Separation Facility	Manure separator w/ building	NO	\$60,000.00
632	Solid/Liquid Waste Separation Facility	Manure separator w/o building	NO	\$30,000.00
632	Solid/Liquid Waste Separation Facility	Sand separator, gravity system - concrete reinforced wall (per CY of concrete for wall))	CY	\$415.00
632	Solid/Liquid Waste Separation Facility	Sand separator, gravitysystem - concrete -flatwork (per CY of concrete for flat work)	CY	\$270.00
574	Spring Development	Concrete Tank & appurt. Installed, ONLY	NO	\$3,459.71
574	Spring Development	Plastic Tank & appurt. Installed, ONLY	NO	\$3,400.00
578	Stream Crossing	Concrete	CY	\$270.00
578	Stream Crossing	Fabric and gravel, installed per CY of gravel	CY	\$50.00
585	Stripcropping	One time payment in first year of implementation	AC	\$33.00
587	Structure for Water Control	12" HDPE	FT	\$11.80
587	Structure for Water Control	12" Structure to control water surface elevation	FT	\$185.00
587	Structure for Water Control	18" HDPE	FT	\$17.33
587	Structure for Water Control	18" Structure to control water surface elevation	FT	\$250.00
587	Structure for Water Control	24" HDPE	FT	\$35.00
587	Structure for Water Control	24" Structure to control water surface elevation	FT	\$380.00
587	Structure for Water Control	36" HDPE	FT	\$52.80
606	Subsurface Drain	10" CPDT	FT	\$7.00
606	Subsurface Drain	12" CPDT	FT	\$8.91
606	Subsurface Drain	4" CPDT	FT	\$2.22
606	Subsurface Drain	6" CPDT	FT	\$3.57
606	Subsurface Drain	8" CPDT	FT	\$5.96
607	Surface Drainage, Field Ditch	Surface Drainage, Field Ditch	FT	\$2.60
608	Surface Drainage, Main or Lateral	Surface Drainage, Main or Lateral	FT	\$3.25
600	Terrace	Terrace	FT	\$8.00
612	Tree and Shrub Establishment	Clumps of trees & shrubs	AC	\$45.00
612	Tree and Shrub Establishment	Tree and Shrub Establishment	AC	\$1,530.00
620	Underground Outlet	12" HDPE	FT	\$11.80

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620	Underground Outlet	15" HDPE	FT	\$15.00
620	Underground Outlet	18" HDPE	FT	\$17.33
620	Underground Outlet	24" HDPE	FT	\$35.00
620	Underground Outlet	30" HDPE	FT	\$42.40
620	Underground Outlet	36" HDPE	FT	\$52.80
620	Underground Outlet	4" CPDT	FT	\$2.22
620	Underground Outlet	6" CPDT	FT	\$3.57
620	Underground Outlet	8" CPDT	FT	\$5.96
620	Underground Outlet	SCH-40 - 4"	FT	\$6.03
620	Underground Outlet	SCH-40 - 6"	FT	\$9.18
620	Underground Outlet	SCH-40 - 8"	FT	\$10.02
620	Underground Outlet	SCH-40 -10"	FT	\$12.00
620	Underground Outlet	SCH-40 -12"	FT	\$14.67
645	Upland Wildlife Habitat Management	Nest structures	NO	\$100.00
630	Vertical Drain	Excavation and crushed stone, hauled	CY	\$70.00
367	Waste Facility Cover	Pole barn roof structure	SF	\$17.00
367	Waste Facility Cover	Tarp roof structure	SF	\$8.00
313	Waste Storage Facility	Earthen structure, < 1,000,000 gallons capacity (does not include fencing, concrete, ramp, or pump)	GAL	\$0.06
313	Waste Storage Facility	Earthen structure, >2,000,000 gallons capacity (does not include fencing, concrete, ramp, or pump)	GAL	\$0.06
313	Waste Storage Facility	Earthen structure: 1,000,000 to 2,000,000 gallons capacity (does not include fencing, concrete, ramp, or pump)	GAL	\$0.06
313	Waste Storage Facility	Fabricated structure, 500,000 to 1,500,000 gallons capacity (does not include fencing, ramp, or pump)	GAL	\$0.13
313	Waste Storage Facility	Fabricated structure: < 500,000 gallons capacity (does not include fencing, ramp, or pump)	GAL	\$0.16
313	Waste Storage Facility	Fabricated structure: >1,500,000 gallons capacity (does not include fencing, ramp, or pump)	GAL	\$0.11
635	Wastewater Treatment Strip	Barkbed filtration for milkhouse waste	SF	\$4.00
635	Wastewater Treatment Strip	Distribution system, grading, shaping, and seeding	SF	\$0.10
638	Water and Sediment Control Basin	Earthmoving	CY	\$6.00
638	Water and Sediment Control Basin	Riser	NO	\$300.00
642	Water Well	Water well for livestock water source only	NO	\$6,600.00
614	Watering Facility	Tank and appurtenances only	NO	\$325.67
355	Well Water Testing	Well Water Testing	NO	\$120.00
657	Wetland Restoration	Ditch Plug	FT	\$10.00
657	Wetland Restoration	Embankment: between four and six feet in height	FT	\$24.00
657	Wetland Restoration	Embankment: between two and four feet in height	FT	\$17.00
657	Wetland Restoration	Embankment: less than two feet in height	FT	\$12.00

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657	Wetland Restoration	Level Ditch	CY	\$4.00
657	Wetland Restoration	Pothole	SF	\$0.25
657	Wetland Restoration	Tile Break - Equipment	HR	\$100.00
644	Wetland Wildlife Habitat Management	Nest structures	NO	\$100.00
648	Wildlife Watering Facility	Wildlife Watering Facility	SF	\$0.25
380	Windbreak/Shelterbelt Establishment	Cost/foot/row of trees	FT	\$4.40