

**EQIP Organic Initiative  
Massachusetts FY 2011  
Practice Schedule**

Practice Code	Practice Name	Component	Unit Type	Unit Cost	Historically Underserved Unit Cost
309	Agrichemical Handling Facility	Facility, No Roof	SF	\$17.84	\$21.41
313	Waste Storage Facility	Stacking Facility	CF	\$3.26	\$3.91
		Concrete Liquid Storage	CF	\$2.01	\$2.42
		Relocated SlurryStore	CF	\$1.55	\$1.86
		Glass-lined Steel Tank, < 50K CF	CF	\$2.44	\$2.93
		Glass-lined Steel Tank, 50-100K CF	CF	\$1.94	\$2.33
		Glass-lined Steel Tank, 100-200K CF	CF	\$1.60	\$1.93
		Glass-lined Steel Tank, 200-400K CF	CF	\$1.32	\$1.58
		Glass-lined Steel Tank, >400K CF	CF	\$0.96	\$1.15
314	Brush Management	Wastewater Storage Tank	GAL	\$4.76	\$5.71
		Mowing/Brush-hogging	AC	\$26.25	\$31.50
315	Herbaceous Weed Control	Light Clearing-Heavy Brush	AC	\$350.50	\$420.60
		Purple Loosestrife Control-Biological Tillage Control of Bedstraw-Perennial Weeds in Hay	AC	\$1,125.00	\$1,350.00
316	Animal Mortality Facility		AC	\$142.50	\$171.00
		Concrete Paving	SF	\$5.64	\$6.76
317	Composting Facility	Mortality Bin Composters	SF	\$25.50	\$30.60
		Concrete Paving	SF	\$5.59	\$6.70
		Concrete Paving, curbs	SF	\$6.13	\$7.35
		Asphalt Paving	SF	\$3.74	\$4.49
		Asphalt Paving, curbs	SF	\$3.83	\$4.60
		Compacted Gravel Paving	SF	\$1.91	\$2.30
324	Deep Tillage	Chisel, Rip, Subsoiling >10"	AC	\$19.50	\$23.40
327	Conservation Cover	Between rows of perennial crops	AC	\$279.91	\$335.89
		Convert Cropland to Cool Season Grasses For Wildlife	AC	\$702.25	\$790.30
		Convert Cropland to Warm Season Grasses For Wildlife	AC	\$678.75	\$814.50
		No Till Overseeding with CSGs	AC	\$505.95	\$607.14
		No Till Overseeding with WSGs	AC	\$591.38	\$709.65
328	Conservation Crop Rotation	Hay-Corn Rotation	AC	\$22.50	\$27.00
		Vegetable Rotation	AC	\$429.00	\$514.80
329	Residue Management; No Till/Direct Seed	No-till Establishment of Row Crops	AC	\$36.00	\$43.20
330	Contour Farming	Establishment	AC	\$5.00	\$5.00
340	Cover Crop	Summer Cover Crop / Green Manure	AC	\$53.25	\$63.90
		Winter Rye with Disk Harrow	AC	\$37.05	\$44.46
		Winter Rye No-Till Drill	AC	\$49.80	\$59.76
		Vetch/Oat with Disk Harrow	AC	\$80.25	\$96.30
		Vetch/Rye with Disk Harrow	AC	\$78.75	\$94.50
342	Critical Area Planting	Field Erosion	AC	\$501.50	\$597.80
		Disturbed Areas	AC	\$1,237.13	\$1,484.55
		Spoil Banks	AC	\$1,345.00	\$1,614.00
		Manual-Herbacious	AC	\$1,201.31	\$1,441.58
		Tree-Shrub Establishment	AC	\$18,776.49	\$22,531.79
350	Sediment Basin	Settling Facility, Concrete	CF	\$5.40	\$6.48
356	Dike	Cranberry Dike, Mineral Soils	LF	\$10.43	\$12.51
		Cranberry Dike, Organic Soils	LF	\$20.78	\$24.93
362	Diversion	Diversion	LF	\$4.05	\$4.86
366	Anaerobic Digester	Digester	MilkCow	\$675.00	\$810.00
378	Pond	Roofs and Covers	SF	\$13.73	\$16.47
		Excavated, Spread < 300 ft	CY	\$5.42	\$6.51
		Excavated, Hauled & Spread on-site	CY	\$6.56	\$7.87
380	Windbreak/Shelterbelt Establishment	Excavated, Hauled off-site	CY	\$7.43	\$8.92
		Windbreak Establishment	LF	\$6.78	\$7.96
		Chain Link	LF	\$11.25	\$13.50
		Barbed Wire	LF	\$2.01	\$2.41

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382	Fence	Woven wire	LF	\$2.47	\$2.96
		High Tensile Electric	LF	\$1.93	\$2.32
		High Tensile Non-Electric	LF	\$2.06	\$2.47
		Board Fence	LF	\$3.69	\$4.43
		Deer Fence	AC	\$2,250.00	\$2,700.00
384	Forest Slash Treatment	Slash treatment	AC	\$578.25	\$693.90
386	Field Border	Establishment, Corn Silage	AC	\$1,258.25	\$1,349.90
		Establishment, Vegetables	AC	\$3,618.25	\$3,709.90
		Pollinator	AC	\$5,982.44	\$6,546.93
		Pollinator	AC	\$6,081.34	\$6,665.61
391	Riparian Forest Buffer	Zones 1&2	AC	\$1,862.50	\$2,191.00
		Natural Regeneration	AC	\$523.19	\$583.83
		Buffer in Forest	AC	\$168.45	\$200.70
393	Filter Strip	Seeding & Mulch	AC	\$1,237.50	\$1,485.00
394	Firebreak	Construct firebreak	LF	\$2.62	\$3.14
410	Grade Stabilization Structure	Pipe Detention Structure	EA	\$7,856.79	\$9,428.14
		Full Flow Pipe Structure	EA	\$8,089.72	\$9,707.66
		Rock Chute Structure	LF	\$66.60	\$79.93
		Catch basin, =< 24" pipe	LF	\$32.24	\$38.68
		Catch basin, > 24" pipe	LF	\$56.16	\$67.39
412	Grassed Waterway	Grass	LF	\$5.97	\$7.16
		Stone Center	LF	\$11.90	\$14.28
430	Irrigation Pipeline	Sprinkler, hi-flow systems	DiamInFt	\$1.99	\$2.39
		Sprinkler, Portable laterals	DiamInFt	\$2.63	\$3.15
		Micro, =< 2" main	DiamInFt	\$2.85	\$3.42
		Micro, > 2" main	DiamInFt	\$2.33	\$2.79
		Media Filter, Single Tank Filter	EA	\$450.00	\$540.00
		Media Filter, Double Tank Filter	EA	\$1,125.00	\$1,350.00
		Cranberry, Mainline, meets min. criteria	AC	\$1,125.00	\$1,350.00
		Cranberry, Mainline, meets higher criteria	AC	\$1,125.00	\$1,350.00
		Cranberry, Mainline retro-fit, meets min. criteria	DiamInFt	\$1.70	\$2.03
		Cranberry, Mainline retro-fit, meets higher criteria	DiamInFt	\$1.70	\$2.03
436	Irrigation Storage Reservoir	TW Recovery Conveyance	DiamInFt	\$1.70	\$2.03
		Excavated, Spread < 300 ft	CY	\$4.91	\$5.89
		Excavated, Hauled & Spread on-site	CY	\$5.74	\$6.88
		Excavated, Hauled off-site	CY	\$6.61	\$7.93
441	Irrigation System, Microirrigation	Orchards & Small Fruit, durable laterals	AC	\$975.00	\$1,170.00
		Vegetables, durable laterals	AC	\$1,950.00	\$2,340.00
		Greenhouse Micro-irrigation Conversion	AC	\$1,950.00	\$2,340.00
442	Irrigation System, Sprinkler	Low Pressure (Center Pivot, Lateral Move)	AC	\$547.50	\$657.00
		Renozzle Existing Center Pivot to low pressure	LF	\$8.63	\$10.35
		Cranberry, Swap Heads, meets minimum criteria, with filter	AC	\$750.00	\$900.00
		Cranberry, Retro-fit, meets min. criteria	AC	\$1,275.00	\$1,530.00
		Cranberry, Retro-fit, meets min. criteria, with filter	AC	\$1,485.00	\$1,782.00
		Cranberry, Retro-fit, meets higher criteria	AC	\$1,275.00	\$1,530.00
		Cranberry, Retro-fit, meets higher criteria, with filter	AC	\$1,485.00	\$1,782.00
		Cranberry, Replacement, meets min. criteria	AC	\$2,418.75	\$2,902.50
		Cranberry, Replacement, meets min. criteria, with filter	AC	\$2,628.75	\$3,154.50
		Cranberry, Replacement, meets higher criteria	AC	\$2,418.75	\$2,902.50

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		Cranberry, Replacement, meets higher criteria, with filter	AC	\$2,628.75	\$3,154.50
443	Irrigation System, Surface and Subsurface	Greenhouse Closed Irrigation System	SF	\$7.82	\$9.39
447	Irrigation System, Tailwater Recovery	Excavation, Spread < 300 ft	CY	\$4.91	\$5.89
		Excavation, Hauled & Spread on-site	CY	\$5.74	\$6.88
		Greenhouse Zero Discharge TW Recovery	SF	\$1.80	\$2.16
460	Land Clearing	Brontosaurus	AC	\$2,040.00	\$2,448.00
		Cut + Chip Trees <8"	AC	\$2,196.00	\$2,635.20
466	Land Smoothing	Cranberry bog, Land Smoothing	AC	\$405.00	\$486.00
468	Lined Waterway	Riprap lined	LF	\$66.60	\$79.93
490	Tree/Shrub Site Preparation	Disk prep - field	AC	\$168.00	\$201.60
		Dozer prep	AC	\$99.00	\$118.80
		Tree shear prep	AC	\$2,395.50	\$2,874.60
		Manual prep-forest	AC	\$331.50	\$397.80
500	Obstruction Removal	Stump removal-grub	Ac	\$1,275.00	\$1,530.00
512	Pasture and Hayland Planting	Rotate Continuous Crop to Hay/crop Rotation	AC	\$517.76	\$603.32
		Convert Continuous Crops to Permanent Coolseason Grass/legumes	AC	\$709.01	\$814.82
		Establish Warm Season Grasses	AC	\$1,181.06	\$1,345.28
		No-till Establishment of Warm Season Grasses	AC	\$1,027.50	\$1,161.00
		No Till Renovation of Coolseason Pasture or Hayland	AC	\$508.05	\$609.66
		Frost Seeding for Pasture Rejuvenation	AC	\$52.05	\$62.46
516	Pipeline	Pipeline, Buried	LF	\$3.37	\$4.04
		Pipeline, Above Ground	LF	\$1.25	\$1.50
521A	Pond Sealing or Lining, Flexible Membrane	Flexible Membrane, Water	SF	\$2.03	\$2.43
		Flexible Membrane, Waste	SF	\$2.32	\$2.78
521C	Pond Sealing or Lining, Bentonite Treatment	Bentonite Treatment	SF	\$0.84	\$1.01
528	Prescribed Grazing	Grazing System Implementation	AC	\$104.98	\$125.98
533	Pumping Plant	Pumping Plant, Centrifugal pump and motor, =< 5 hp	HP	\$206.25	\$247.50
		Pumping Plant, Centrifugal pump and motor, > 5 hp	HP	\$131.25	\$157.50
		Submersible Pump, =< 3 hp	HP	\$337.50	\$405.00
		Submersible Pump, > 3 hp	HP	\$247.50	\$297.00
		Cranberry, Lift Pump, TW Recovery	EA	\$9,750.00	\$11,700.00
		Solar / Wind Pump	EA	\$5,625.00	\$6,750.00
		Pump and Tank	EA	\$1,912.50	\$2,295.00
		Cranberry Auto-Start System, Basic	EA	\$3,375.00	\$4,050.00
558	Roof Runoff Structure	Cranberry Auto-Start System, Enhanced	EA	\$6,525.00	\$7,830.00
		Gutters & Downspouts	LF	\$8.74	\$10.49
		Gutters & Dry Well	LF	\$17.02	\$20.42
		French Drain	LF	\$10.73	\$12.88
		Dry Well	EA	\$1,814.86	\$2,177.83
560	Access Road	Recovery Tank	GAL	\$0.41	\$0.49
		Access Road	SF	\$1.48	\$1.78
561	Heavy Use Area Protection	Forest erosion control	LF	\$3.03	\$3.64
		Concrete Paving	SF	\$5.64	\$6.76
		Concrete Paving, curbs	SF	\$6.50	\$7.80
		Concrete Paving, Curbs & Buckwall	SF	\$6.76	\$8.11
		Asphalt Paving	SF	\$3.79	\$4.55

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		Asphalt Paving, curbs	SF	\$3.95	\$4.74
		Compacted Gravel Paving	SF	\$1.97	\$2.36
574	Spring Development	Well Tile	EA	\$2,929.50	\$3,515.40
		Tile Drain	LF	\$14.51	\$17.42
575	Animal Trail & Walkway	Animal Trail & Walkway	SF	\$1.09	\$1.31
		Ford	EA	\$2,254.82	\$2,705.78
		Culvert, < 24"	SF	\$5.94	\$7.12
		Culvert, 24" to 36"	SF	\$9.09	\$10.90
578	Stream Crossing	Culvert, > 36"	SF	\$14.58	\$17.50
		Culvert for Fish Passage	SF	\$21.55	\$25.86
		Arch culvert, =< 15' span	LF	\$896.25	\$1,075.50
		Arch culvert, > 15' span	LF	\$1,098.75	\$1,318.50
		Bridge	SF	\$67.50	\$81.00
580	Streambank Protection	Bioengineering with Rock Toe	LF	\$117.86	\$141.43
		By-Pass Channel	LF	\$12.86	\$15.43
582	Open Channel	By-Pass Channel with Rock	LF	\$20.33	\$24.39
585	Strip Cropping	Establishment	AC	\$12.50	\$12.50
		PVC, Inline WCS, =< 10" barrel	EA	\$1,706.61	\$2,047.93
		PVC, Inline WCS, >10" barrel	EA	\$2,525.71	\$3,030.85
		Culvert, =< 24" diameter	DiamInFt	\$1.28	\$1.53
		Culvert, > 24" diameter	DiamInFt	\$1.69	\$2.03
		Cranberry, 12" Barrel, 24" Riser	EA	\$1,725.00	\$2,070.00
		Cranberry, 12" Barrel, 24" Riser, 20 ft extra	EA	\$2,100.00	\$2,520.00
		Cranberry, 15" Barrel, 24" Riser	EA	\$1,800.00	\$2,160.00
		Cranberry, 15" Barrel, 24" Riser, 20 ft extra	EA	\$2,250.00	\$2,700.00
		Cranberry, 18" Barrel, 30" Riser	EA	\$2,100.00	\$2,520.00
		Cranberry, 18" Barrel, 30" Riser, 20 ft extra	EA	\$2,700.00	\$3,240.00
		Cranberry, 24" Barrel, 36" Riser	EA	\$2,400.00	\$2,880.00
		Cranberry, 24" Barrel, 36" Riser, 20 ft extra	EA	\$3,150.00	\$3,780.00
		Cranberry, 30" Barrel, 42" Riser	EA	\$2,700.00	\$3,240.00
		Cranberry, 30" Barrel, 42" Riser, 20 ft extra	EA	\$3,675.00	\$4,410.00
		Cranberry, 36" Barrel, 48" Riser	EA	\$3,150.00	\$3,780.00
		Cranberry, 36" Barrel, 48" Riser, 20 ft extra	EA	\$4,425.00	\$5,310.00
		Cranberry, 42" Barrel, 60" Riser	EA	\$4,050.00	\$4,860.00
		Cranberry, 42" Barrel, 60" Riser, 20 ft extra	EA	\$5,850.00	\$7,020.00
		Cranberry, 48" Barrel, 72" Riser	EA	\$5,400.00	\$6,480.00
		Cranberry, 48" Barrel, 72" Riser, 20 ft extra	EA	\$8,025.00	\$9,630.00
		Cranberry, 60" Barrel, 72" Riser	EA	\$6,225.00	\$7,470.00
		Cranberry, 60" Barrel, 72" Riser, 20 ft extra	EA	\$9,600.00	\$11,520.00
		Cranberry, 72" Barrel, 72" Riser	EA	\$7,200.00	\$8,640.00
		Cranberry, 72" Barrel, 72" Riser, 20 ft extra	EA	\$11,400.00	\$13,680.00
587	Structure for Water Control				
590	Nutrient Management	No Manure	AC	\$27.00	\$32.40
		With Manure	AC	\$33.75	\$40.50
		Veg.-Sm Fruit - Medium IPM	AC	\$494.25	\$592.10
		Veg.-Sm Fruit - High IPM	AC	\$601.75	\$722.10
595	Pest Management	Orchard - Medium IPM	AC	\$422.25	\$506.70
		Orchard - High IPM	AC	\$592.50	\$711.00
		Old Orchard Removal	AC	\$2,250.00	\$2,700.00
		Cranberry-Medium IPM	AC	\$78.75	\$94.50
		Cranberry-Sanding	AC	\$1,050.00	\$1,260.00
		Invasives Control-Biological	AC	\$1,125.00	\$1,350.00
600	Terrace	Terrace	LF	\$5.35	\$6.42
		PE Tubing, gravel envelope	LF	\$9.75	\$11.70
606	Subsurface Drain	PE Tubing, no envelope	LF	\$8.25	\$9.90
		Footing Drain (Backfill Case 1)	LF	\$9.75	\$11.70
		Footing Drain (Backfill Case 2)	LF	\$3.08	\$3.69
		Footing Drain (Backfill Case 3&4)	LF	\$7.20	\$8.64

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612	Tree/Shrub Establishment	200 Plants/Acre with Protectors	AC	\$1,723.50	\$2,052.00
		200 Plants/Acre without Protectors	AC	\$1,018.50	\$1,206.00
		300 Plants/Acre with Protectors	AC	\$2,544.75	\$3,037.50
		300 Plants/Acre without Protectors	AC	\$1,487.25	\$1,768.50
		Forest regen - conifer planting	AC	\$346.50	\$415.80
		Forest regen-hardwood planting	AC	\$369.00	\$442.80
614	Watering Facility	Forest regen-direct seeding	AC	\$115.89	\$139.07
		Tank, Permanent	EA	\$1,053.54	\$1,264.25
		Tank, Moveable	EA	\$165.00	\$198.00
		Tank, Frost Free	EA	\$427.50	\$513.00
620	Underground Outlet	Waterer with Nose Pump	EA	\$562.50	\$675.00
		4" to 10" with outlet pipe	DiamInFt	\$1.38	\$1.65
		Surface Drain - riser, pipe & outlet	LF	\$12.03	\$14.43
		Surface Drain - catch basin, < 12" pipe	LF	\$13.30	\$15.96
		Surface Drain - catch basin, 12" to 24" pipe	LF	\$27.89	\$33.47
629	Waste Treatment	Surface Drain - catch basin, > 24" pipe	LF	\$51.57	\$61.88
		Bark Bed	SF	\$5.25	\$6.30
633	Waste Utilization	Mounded Bed	SF	\$5.94	\$7.13
		Spreading on New Land	AC	\$60.75	\$72.90
634	Waste Transfer	Manure to Storage by Gravity	EA	\$10,500.00	\$12,600.00
		Manure to Storage, Pushoff	EA	\$1,650.00	\$1,980.00
		Manure to Storage, Pumped	EA	\$32,175.00	\$38,610.00
		Wastewater to Storage by Gravity	LF	\$9.90	\$11.88
		Silage Runoff Control	EA	\$12,807.00	\$15,368.40
		Wastewater to Storage or Treatment, Pumped	EA	\$6,600.00	\$7,920.00
		Wastewater from Sediment Basin, Gravity, no dosing	LF	\$10.79	\$12.95
		Wastewater to Treatment, Gravity, Pre-treated and Dosed	EA	\$14,472.00	\$17,366.40
635	Vegetated Treatment Area	Wastewater to Treatment, Pumped, Pre-treated and Dosed	EA	\$15,582.00	\$18,698.40
		VTA without distribution system	SF	\$0.54	\$0.65
		VTA with Gravel Trench Distribution	SF	\$0.60	\$0.72
		Barnyard VTA with Slotted Curb	SF	\$0.90	\$1.08
		VTA with Perforated Pipe Manifold	SF	\$0.75	\$0.90
638	Water and Sediment Control Basin	VTA with Perforated Pipe Manifold, replace soil	SF	\$0.90	\$1.08
		Water and Sediment Control Basin	LF	\$5.35	\$6.42
642	Well	Well, All Types	EA	\$3,000.00	\$3,600.00
		Well Yield Test	EA	\$3,750.00	\$4,500.00
643	Restoration and Management of Declining Habitats	Shrub/sapling Management	AC	\$225.00	\$270.00
		Restore old growth characteristics	AC	\$76.20	\$91.44
		Woody clearing-low intensity	AC	\$304.69	\$365.63
		Woody clearing-high intensity	AC	\$985.50	\$1,182.60
		Woody clearing-No Timber	AC	\$1,725.00	\$2,070.00
		Oak regen-low intensity	AC	\$304.69	\$365.63
		Oak regen-high intensity	AC	\$985.50	\$1,182.60
		Oak Regen-No Timber	AC	\$1,725.00	\$2,070.00
644	Wetland Wildlife Habitat Management	Create turtle nesting habitat	AC	\$1,575.00	\$1,890.00
		Delayed Mowing-turtle	AC	\$800.00	\$800.00
645	Upland Wildlife Habitat Management	Delayed mowing	AC	\$200.00	\$200.00
		Snag Creation	AC	\$76.20	\$91.44
		Pollinator	AC	\$2,822.44	\$3,386.93
		Pollinator	AC	\$2,921.34	\$3,505.61

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647	Early Successional Habitat Development/Management	Herbaceous Management	AC	\$104.23	\$125.08
		Liming	AC	\$93.75	\$112.50
655	Forest Trails and Landings	Forest bridge	LF	\$93.00	\$111.60
		Forest culvert	LF	\$56.25	\$67.50
		Forest erosion control	LF	\$2.06	\$2.47
660	Tree/Shrub Pruning	3-8" dia. trees	LF	\$0.23	\$0.27
666	Forest Stand Improvement	Low intensity Thinning	AC	\$304.69	\$365.63
		High intensity Thinning	AC	\$609.38	\$731.25
		Thinning-girdling	AC	\$105.00	\$126.00
798	Seasonal Tunnel System	High Tunnel	SF	\$4.14	\$4.97