Pickwick Lake Watershed
2006 CSP Cost List (Enhancements)

Practice Name	*Description*	*Unit*	*Cost per Unit*
Soil Mgmt. Enhancement	Soil Conditioning Index for each 0.1 increase above 0.0	AC	$ 1.16
	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 31 and 60	AC	$ 0.50
	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 16 and 30	AC	$ 1.00
	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) of 15 or less	AC	$ 2.00
	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 31 and 60	AC	$ 1.00
	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 16 and 30	AC	$ 2.00
	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) of 15 or less	AC	$ 4.00
Nutrient Management	To optimize application of lime and fertilizer use precision agriculture techniques.	AC	$ 8.00
	To minimize losses and amount apply nitrogen using split application.	AC	$ 6.00
	Utilize annual soil test and annual manure test results to maximize production and reduce nutrient losses.	AC	$ 6.00
	Minimize nitrogen and phosphorus losses from animal manures by optimizing application timing.	AC	$ 20.00
	Utilize legume cover crops to provide nitrogen, crop residue, and plant diversity.	AC	$ 20.00
Pest Mgmt. Enhancement	Reducing pesticide spray overlap through guided measure technology.	AC	$ 8.00
	Manage pest problems and reduce pesticide use by scouting crops for pests.	AC	$ 5.00
	Minimize pest problems by using two crop types in rotation in addition to using cover crops.	AC	$ 5.00
	Manage the pesticide usage by implementing pest avoidance techniques using pest resistant varieties, trap crops, etc.	AC	$ 5.00
	Apply a combination of at least four mitigations and/or conservation practices to reduce the negative impacts of pesticides to the environment. These applications are in addition to those required to meet minimum water quality eligibility.	AC	$ 5.00
	Reduce pesticide movement into water courses by widening buffers (grassed field borders, filter strips, or riparian forest buffers) 50 to 100% of minimum design widths. (Payment for widened area only)	AC	$ 50.00

Practice Name	*Description*	*Unit*	*Cost per Unit*
Irrigation Enhancement	Irrigation Enhancement Index Level 1 - 60 - 64%	AC	$ 2.00
	Irrigation Enhancement Index Level 2 - 65 - 69%	AC	$ 4.00
	Irrigation Enhancement Index Level 3 - 70 -74%	AC	$ 6.00
	Irrigation Enhancement Index Level 4 - 75 - 79%	AC	$ 8.00
	Irrigation Enhancement Index Level 5 - 80 - 84%	AC	$ 10.00
	Irrigation Enhancement Index Level 6 - 85% plus	AC	$ 12.00
Grazing Mgmt. Enhancement	Improve quality and quantity of pasture forages by implementing a Prescribed Grazing management system of moderate grazing intensity. The system will consist of 4 to 7 pastures with about 7 to 10 days of continuous grazing per pasture. Pastures will rest 75% to 85% of the grazing cycle.	AC	$ 10.00
	Improve the prescribed grazing system by changing the cool-season perennial to warm-season forage ratio (about 70-75% cool- season forages and 25 to 30 percent warm-season forages)	AC	$ 8.00
	Enhance the grazing system by planting and/or properly managing up to 10% (5 acre minimum) of the pasture and hayland acreage in native warm season forages for livestock.	AC	$ 100.00
	Improve distribution of grazing and animal waste by separating feed, mineral, water or shade in each pasture.	AC	$ 1.00
	Improve quality and quantity of pasture forages by implementing a Prescribed Grazing management system of high intensity grazing. The system will consist of at least 8 pastures with about 3 to 5 consecutive days of continuous grazing. Pastures will rest at least 85% of the grazing cycle.	AC	$ 20.00
	Improve pasture condition and quality of forage by overseeding perennial grasses with cool season annuals and legumes.	AC	$ 20.00
	Manage and improve livestock water and feeding conditions by maintaining heavy use area pads at each trough or feeding area.	AC	$ 2.00
	Improve water quality by excluding livestock from farm ponds, streams, wetlands and other sensitive aquatic areas.	AC	$ 2.00
	Manage and improve the grazing system by stockpiling fescue.	AC	$ 10.00
Habitat Mgmt. Enhancement	Manage fallow crop fields, field edges (30 ft. min. width), or odd corners (1 ac min.) for native vegetation by rotational disking on a 3 year rotation to improve food source and habitat. (20 acres or 20% per field and 100 acres per farm maximum)	AC	$ 50.00
	Leave 2 to 4 acres per 40 acres of grain crops per field unharvested for wildlife food. (Payment for unharvested acreage only)	AC	$ 100.00
	Drill clover or other legumes into existing grass stands to provide winter food source.	AC	$ 20.00
	Utilize high residue management system ($\geq$75% cover and cover crop with cotton and soybeans) for crop production to provide additional food source.	AC	$ 5.00
	Utilize annual winter flooding of grain fields with berms or dikes to provide food source for waterfowl. (10% of cropland acres maximum)	AC	$ 75.00

Practice Name	*Description*	*Unit*	*Cost per Unit*
Habitat Mgmt. Enhancement	Manage filter strips, buffer strips, grassed waterways, or field borders by converting to NWSG or adding a 30 ft. strip of NWSG to provide habitat. (Payment for NWSG acres only)	AC	$ 75.00
Energy Mgmt Enhancement	Energy audit of agriculture operations	EA	$ 500.00
	Recycling of all used motor oil for tractors and lubricating oil for other farm equipment such as irrigation pumps or grain drying motors	Year	$ 200.00
	Use of perennial legumes in the crop rotation to reduce energy need for production of nitrogen	AC	$ 0.70
	Use of annual legumes in the crop rotation to reduce energy need for production of nitrogen	AC	$ 0.10
	STIR rating less than 60	AC	$ 0.50
	STIR rating less than 30	AC	$ 0.70
	STIR rating less than 15	AC	$ 0.90
	Use of renewable energy fuel (Biodiesel or Ethanol). Payments are made in $25 increments for each 100 gallons actual biofuel used per year.	100 GAL	$ 25.00
	Use of manure to supply at least 90% of nutrient needs of plants	AC	$ 1.10
	Renewable energy generation (wind, solar, geothermal & methane)	Per 100 kWh	$ 2.50
	5% energy use reduction	Total BTU's	$ 100.00
	10% energy use reduction	Total BTU's	$ 200.00
	20% energy use reduction	Total BTU's	$ 500.00