

Appendix B - CSP Cost List (Enhancements)

Natural Resources Conservation Service

Below is a list of enhancements that can potentially receive cost-share through the Conservation Security program. ALL ENHANCEMENTS ARE PAID AT A RATE OF 100% of the amount listed below. The total of your enhancement payments cannot exceed 50% of the statutory caps for Tier I, II, and III contracts which are \$20,000, \$35,000 and \$45,000, respectively.

<i>Practice Name</i>	<i>Description</i>	<i>Unit</i>	<i>Pmt. Per Unit</i>
Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of:		
	at least 0.1	Acre	\$1.16
	at least 0.2	Acre	\$2.32
	at least 0.3	Acre	\$3.48
	at least 0.4	Acre	\$4.64
	at least 0.5	Acre	\$5.80
	at least 0.6	Acre	\$6.96
	at least 0.7	Acre	\$8.12
	at least 0.8	Acre	\$9.28
	at least 0.9	Acre	\$10.44
	at least 1.0	Acre	\$11.60
	at least 1.1	Acre	\$12.76
	at least 1.2	Acre	\$13.92
	at least 1.3	Acre	\$15.08
	at least 1.4	Acre	\$16.24
	at least 1.5	Acre	\$17.40
	at least 1.6	Acre	\$18.56
	at least 1.7	Acre	\$19.72
	at least 1.8	Acre	\$20.88
	at least 1.9	Acre	\$22.04
	at least 2.0	Acre	\$23.20
	at least 2.1	Acre	\$24.36
	at least 2.2	Acre	\$25.52
	at least 2.3	Acre	\$26.68
at least 2.4	Acre	\$27.84	
at least 2.5 or greater	Acre	\$29	
	Reduce soil compaction by controlling areas of traffic that result in Soil Tillage Intensity Rating (STIR) between 31 and 60	Acre	\$.50
	Reduce soil compaction by controlling areas of traffic that result in Soil Tillage Intensity Rating (STIR) between 16 and 30	Acre	\$1
	Reduce soil compaction by controlling areas of traffic that result in Soil Tillage Intensity Rating (STIR) of 15 or less	Acre	\$2

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<i>Practice Name</i>	<i>Description</i>	<i>Unit</i>	<i>Pmt. Per Unit</i>
Soil Management Continued	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in Soil Tillage Intensity Rating (STIR) between 31 and 60	Acre	\$1
	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in Soil Tillage Intensity Rating (STIR) between 16 and 30	Acre	\$2
	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in Soil Tillage Intensity Rating (STIR) of 15 or less	Acre	\$4
Energy Management	Energy audit of agriculture operation	Each	\$500
	Recycle all used motor oil for tractors and lubricating oil for other farm equipment such as irrigation pumps or grain drying motors	Year	\$200
	Use of perennial legumes in the crop rotation to reduce energy need for production of nitrogen	Acre	\$.70
	Use of annual legumes in the crop rotation to reduce energy need for production of nitrogen	Acre	\$.10
	Use of manure to supply at least 90% of nutrient needs of plants	Acre	\$1.10
	Soil Tillage Intensity Rating (STIR) rating less than 60	Acre	\$.50
	Soil Tillage Intensity Rating (STIR) rating less than 30	Acre	\$.70
	Soil Tillage Intensity Rating (STIR) rating less than 15	Acre	\$.90
	Use of renewable energy fuel (biodiesel or ethanol); Payments are made in \$25 increments for each 100 gallons actual biofuel used per year	Per 100 Gallons	\$25
	Renewable energy generation (wind, solar, water, geothermal & methane)	100 kWh	\$2.50
	5% energy use reduction	Total BTU's	\$100
	10% energy use reduction	Total BTU's	\$200
20% energy use reduction	Total BTU's	\$500	
Drainage Water Management	Drainage Water Management Level 1 (20-29)	Acre	\$2
	Drainage Water Management Level 2 (30-39)	Acre	\$4
	Drainage Water Management Level 3 (40-49)	Acre	\$6
	Drainage Water Management Level 4 (50-59)	Acre	\$8
	Drainage Water Management Level 5 (60 or more)	Acre	\$10
Water Management	Irrigation Enhancement Index Level 1 - 60 - 64%	Acre	\$2
	Irrigation Enhancement Index Level 2 - 65 - 69%	Acre	\$4
	Irrigation Enhancement Index Level 3 - 70 - 74%	Acre	\$6
	Irrigation Enhancement Index Level 4 - 75 - 79%	Acre	\$8
	Irrigation Enhancement Index Level 5 - 80 - 84%	Acre	\$10
	Irrigation Enhancement Index Level 6 - 85% plus	Acre	\$12

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Nutrient Management Enhancement	Deep soil test	Acre	\$1
	Fertigation to apply nutrients on vineyards and orchards	Acre	\$1
	Manage feed to National Research Council requirements	Year	\$1000
	Manage nutrients using Post Harvest Soil Nitrate Test	Year	\$100
	Injection, side dressing, or banding of fertilizer	Acre	\$2
	Nitrification inhibitors	Acre	\$6
	Non-synthetic fertilizers	Acre	\$12
	Precision Ag techniques	Acre	\$10
	Pre-sidedress Nitrate Testing (PSNT)	Acre	\$1
	Split nitrogen application	Acre	\$3
	Utilize soil/manure/plant tissue test results	Acre	\$1
Pest Management	Manage pesticides and nutrients to meet third party certification standards	Year	\$200
	Conservation crop rotation to break pest cycles	Acre	\$10
	Manage pest control according to a comprehensive pest management plan	Acre	\$30
	Manage orchards according to Integrated fruit production plan	Acre	\$30
	Manage filter strips to improve filtering capacity	Acre	\$125
	Manage invasive species with approved control plan	Acre	\$20
	Manage pesticide spray techniques to reduce off-site losses	Acre	\$2
	Reduce pesticide runoff risk through the use of Agriculture Chemical Handling Facility	Year	\$500
	Manage pesticides applications utilizing on-farm weather stations	Year	\$500
	Use "bio" pesticides	Acre	\$200
	Manage insect pests using biological or mechanical control methods	Acre	\$20
	Manage plant pests using biological control methods	Acre	\$30
	Use pest avoidance techniques	Acre	\$5
	Utilize only low risk pesticides	Acre	\$8
Grazing Management	Grazing assessment tool	Year	\$100
	Manage grazing in riparian areas	Acre	\$10
	Manage pasture using rotation grazing	Acre	\$3
	Manage grazing strategy according to monitoring of key areas	Acre	\$1
	Rotation of salt, mineral, and supplemental feeding areas	Acre	\$1
	Apply results of NUTBAL to improve livestock-forage balance	Year	\$200

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Habitat Management	Fish passage management	Year	\$150
	Harvest techniques (pattern)	Acre	\$3
	Manage field borders to improve wildlife habitat	Acre	\$200
	Manage food/cover plots	Acre	\$100
	Manage off-site water sources	Year	\$200
	Manage riparian buffers to improve wildlife habitat	Acre	\$100
	Manage to eradicate Reed's Canary Grass	Acre	\$400
	Manage wildlife water	Year	\$200
	Manage refuge habitat for beneficial organisms	Acre	\$20
Air Resource Management	Grind stumps & chip prunings in lieu of burning	Acre	\$200
	Implement an odor control plan for manure treatment	Year	\$1,000
	Manage dust with environmentally safe palliatives	Acre	\$25
	Manage odor from applied waste with same day incorporation	Acre	\$2
	Prescribed burning for wildfire control	Acre	\$1
	Sprayer Calibration	Year	\$100
	Utilize fans, wind machines or clean burning orchard heaters	Acre	\$25