

Montezuma - Stewardship/Enhancement/Practice List - 2005 Conservation Security Program (CSP)							
Enhancement/Practice Code	Practice Name	Component	Unit Type	Unit Cost	Cost Type	Cost Share Rate	
Stewardship Payments*							
SP	Stewardship Payment	Tier 3 Cropland Stewardship Payment	AC	3.15	FR	100	
SP	Stewardship Payment	Tier 2 Cropland Stewardship Payment	AC	1.40	FR	100	
SP	Stewardship Payment	Tier 1 Cropland Stewardship Payment	AC	0.35	FR	100	
SP	Stewardship Payment	Tier 3 Irrigated Cropland Stewardship Payment	AC	7.65	FR	100	
SP	Stewardship Payment	Tier 2 Irrigated Cropland Stewardship Payment	AC	3.40	FR	100	
SP	Stewardship Payment	Tier 1 Irrigated Cropland Stewardship Payment	AC	0.85	FR	100	
SP	Stewardship Payment	Tier 3 Pastureland Stewardship Payment	AC	1.69	FR	100	
SP	Stewardship Payment	Tier 2 Pastureland Stewardship Payment	AC	0.75	FR	100	
SP	Stewardship Payment	Tier 1 Pastureland Stewardship Payment	AC	0.19	FR	100	
SP	Stewardship Payment	Tier 3 Rangeland Stewardship Payment	AC	0.34	FR	100	
SP	Stewardship Payment	Tier 2 Rangeland Stewardship Payment	AC	0.15	FR	100	
SP	Stewardship Payment	Tier 1 Rangeland Stewardship Payment	AC	0.04	FR	100	
*Existing Practice payment is equal to 25% of the stewardship payment							
Enhancements							
ESM	Soil Mgmt. Enhancement	Soil Conditioning Index (1.16 per 0.1 increase in SCI)	AC	1.16	FR	100	
ESM	Soil Mgmt. Enhancement	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 31 and 60	Acre	0.5	FR	100	
ESM	Soil Mgmt. Enhancement	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 16 and 30	Acre	1	FR	100	
ESM	Soil Mgmt. Enhancement	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) of 15 or less	Acre	2	FR	100	
ESM	Soil Mgmt. Enhancement	Using GPS or other similar guided technology, reduce soil compaction by controlling traffic that results in a Soil Tillage Intensity Rating (STIR) between 31-60	Acre	1	FR	100	
ESM	Soil Mgmt. Enhancement	Using GPS or other similar guided technology, reduce soil compaction by controlling traffic that results in a Soil Tillage Intensity Rating (STIR) between 16-30	Acre	2	FR	100	
ESM	Soil Mgmt. Enhancement	Using GPS or other similar guided technology, reduce soil compaction by controlling traffic that results in a Soil Tillage Intensity Rating (STIR) of 15 or less	Acre	4	FR	100	
ENM	Nutrient Mgmt. Enhancement	Increase accuracy of nutrient application or forage balance by collecting accurate yield and/or quality data (Cropland & pastureland only)	YR	500	FR	100	
ENM	Nutrient Mgmt. Enhancement	Improve precision of nutrient applications by performing additional soil testing beyond that required by the standard (see note)	AC	1	FR	100	
ENM	Nutrient Mgmt. Enhancement	Improve nutrient cycling by including alfalfa in dryland rotations	AC	5	FR	100	
ENM	Nutrient Mgmt. Enhancement	Reduce nitrogen volatilization, nitrate leaching, and better match crop uptake by using split nitrogen or controlled-release nitrogen applications	AC	5	FR	100	
ENM	Nutrient Mgmt. Enhancement	Manage runoff of pollutants by widening and managing field borders or filter strips	AC	75	FR	100	
EPM	Pest Mgmt. Enhancement	Reduce pesticide use, break pest cycles and decrease pest pressure by utilizing conservation crop rotation	AC	10	FR	100	
EPM	Pest Mgmt. Enhancement	Reduce environmental hazards by using pesticides with "Low" or "Very Low" WIN-PST hazard ratings	AC	15	FR	100	
EPM	Pest Mgmt. Enhancement	Reduce environmental hazards by using non-chemical control methods such as biological controls and/or cultural controls	AC	15	FR	100	
EPM	Pest Mgmt. Enhancement	Reduce pesticide use by scouting for insects, weeds, and pests and using economic thresholds	AC	5	FR	100	
EPM	Pest Mgmt. Enhancement	Reduce pesticide use by using pest avoidance techniques - plant pest resistant varieties, trap crops, etc.	AC	5	FR	100	
EWM	Irrigation Enhancement	Irrigation Enhancement Index Level 1 - 60 - 64%	AC	2	FR	100	
EWM	Irrigation Enhancement	Irrigation Enhancement Index Level 2 - 65 - 69%	AC	4	FR	100	
EWM	Irrigation Enhancement	Irrigation Enhancement Index Level 3 - 70 - 74%	AC	6	FR	100	
EWM	Irrigation Enhancement	Irrigation Enhancement Index Level 4 - 75 - 79%	AC	8	FR	100	
EWM	Irrigation Enhancement	Irrigation Enhancement Index Level 5 - 80 - 84%	AC	10	FR	100	
EWM	Irrigation Enhancement	Irrigation Enhancement Index Level 6 - 85% +	AC	12	FR	100	
EGM	Grazing Mgmt. Enhancement	Improve the balance of forage quality and quantity by annually applying recommendations that result from the NUTBAL assessment	YR	200	FR	100	
EGM	Grazing Mgmt. Enhancement	Improve pasture condition and productivity by increasing the grazing management intensity	AC	4	FR	100	
EGM	Grazing Mgmt. Enhancement	Improve range health by managing grazing distribution through increase and/or movement of salt, supplements, & offsite watering facilities	AC	2	FR	100	
EGM	Grazing Mgmt. Enhancement	Improve rangeland health by monitoring grazing units using an accepted monitoring technique (i.e. photo points, nested freq., etc.) and adjusting grazing management (<300 acres, 1 point)	AC	1	FR	100	
EGM	Grazing Mgmt. Enhancement	Improve rangeland health by monitoring grazing units using an accepted monitoring technique (i.e. photo points, nested freq., etc.) and adjusting grazing management (300 to 3000 acres, 1 point/500 acres)	AC	0.6	FR	100	

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EGM	Grazing Mgmt. Enhancement	Improve rangeland health by monitoring grazing units using an accepted monitoring technique (i.e. photo points, nested freq., etc.) and adjusting grazing management (> 3000 acres, 1 point/1000 acres)	AC	0.3	FR	100
EGM	Grazing Mgmt. Enhancement	Improve wetland/riparian pasture condition by implementing a rest rotation grazing system	AC	20	FR	100
EGM	Grazing Mgmt. Enhancement	Improve rangeland health by implementing a rest rotation grazing system (Based on acres rested yearly)	AC	12	FR	100
EGM	Grazing Mgmt. Enhancement	Improve rangeland health by implementing a deferred rotation grazing system	AC	5	FR	100
EHM	Habitat Mgmt. Enhancement	Optimize habitat values by enhancing the habitat structure in brush dominated areas (based on untreated acres)	AC	10	FR	100
EHM	Habitat Mgmt. Enhancement	Improve wildlife food and cover by leaving unharvested crop or stubble > or = 8" over winter on cropland	AC	2	FR	100
EHM	Habitat Mgmt. Enhancement	Improve wildlife food and cover by leaving unharvested hay or pasture > or = 8" over winter on hayland or pastureland	AC	40	FR	100
EHM	Habitat Mgmt. Enhancement	Improve wildlife nesting cover by delaying haying until after July 15	AC	100	FR	100
EHM	Habitat Mgmt. Enhancement	Improve wildlife nesting cover by using flush bars and/or beneficial mowing pattern during daylight hours	AC	5	FR	100
EHM	Habitat Mgmt. Enhancement	Reduce habitat fragmentation by leaving strips of crop or hay unharvested on field borders (acreage based on 2-3 equipment widths)	AC	250	FR	100
EHM	Habitat Mgmt. Enhancement	Improve fish and wildlife habitat by excluding livestock access on wetland or riparian areas (per acre excluded)	AC	20	FR	100
EHM	Habitat Mgmt. Enhancement	Improve wildlife habitat by managing grazing to optimize structure and composition of the plant community	AC	12	FR	100
EHM	Habitat Mgmt. Enhancement	Reduce habitat fragmentation by managing woody vegetation for wildlife on crop, hay, or pastureland (only on woody areas)	AC	250	FR	100
EAM	Air Res. Mgmt. Enhancement	Reduce particulate matter emissions by not burning crop residues or pastures that have previously been burned within the last 3 years	AC	35	FR	100
EAM	Air Res. Mgmt. Enhancement	Improve the precision of pesticide application and reduce drift by yearly pre-season sprayer calibration and additional calibration as needed	YR	100	FR	100
EEM	Energy Mgmt Enhancement	Energy Audit	Each	500	FR	100
EEM	Energy Mgmt Enhancement	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	FR	100
EEM	Energy Mgmt Enhancement	Use of perennial legumes in the crop rotation to reduce energy need for production of nitrogen	Acre	0.7	FR	100
EEM	Energy Mgmt Enhancement	Use of annual legumes in the crop rotation to reduce energy need for production of nitrogen	Acre	0.1	FR	100
EEM	Energy Mgmt Enhancement	Soil Tillage Intensity Rating (STIR) is less than 60	Acre	0.5	FR	100
EEM	Energy Mgmt Enhancement	Soil Tillage Intensity Rating (STIR) is less than 30	Acre	0.7	FR	100
EEM	Energy Mgmt Enhancement	Soil Tillage Intensity Rating (STIR) is less than 15	Acre	0.9	FR	100
EEM	Energy Mgmt Enhancement	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	FR	100
EEM	Energy Mgmt Enhancement	Renewable energy generation (solar, wind, water, geothermal, methane).	100 KWh	2.5	FR	100
EEM	Energy Mgmt Enhancement	5% energy reduction - Total BTU's	BTUs	100	FR	100
EEM	Energy Mgmt Enhancement	10% energy reduction - Total BTU's	BTUs	200	FR	100
EEM	Energy Mgmt Enhancement	20% energy reduction - Total BTU's	BTUs	500	FR	100
New Practices						
314	Brush Management	Chemical	AC	27	AC	50
314	Brush Management	Mechanical	AC	55	AC	50
314	Brush Management	Prescribed Burning	AC	10.6	AC	50
322	Channel Vegetation	With bank manipulation (per row)	FT	10	AC	
322	Channel Vegetation	Without bank manipulation (per row)	FT	5	AC	50
441	Irrigation System, Microirrigation	In conjunction with tree/shrub establishment	FT	0.45	AC	50
382	Fence	Applicable only when fencing off riparian areas or cross fencing for improved grazing management	FT	1.6	AC	50
386	Field Border	Field Border	AC	100	AC	50
393	Filter Strip	Filter Strip	AC	200	AC	50
512	Pasture/Hayland Planting	Pasture/Hayland Planting	AC	100	AC	50
516	Pipeline	To improve grazing distribution or wildlife habitat in conjunction with a watering facility	FT	1.5	AC	50
378	Pond (Livestock/Wildlife)	To improve grazing distribution and/or wildlife habitat above and beyond quality criteria	CY	5	AC	50
550	Range Planting	Range Planting - Introduced	AC	75	AC	50
550	Range Planting	Range Planting - Native	AC	125	AC	50
614	Watering Facility	To improve grazing distribution and/or wildlife habitat	GAL	3	AC	50
642	Well	To improve grazing distribution and/or wildlife habitat	FT	30	AC	50
612	Tree and Shrub Establishment	Tree and Shrub Establishment	NO	2.95	AC	50

*Cost Share is 65% for Limited Resource and New Beginning Farmers