

Upper Columbia-Entiat CSP 2005 Cost List

Practice _Code	Cost_Share _Program	Practice_Name	Component	Unit_Type	Unit_Cost	Cost_ Type	Share_ Rate
342	CSP	Critical Area Planting	Establishment on sensitive areas only	Ac	215	AC	50
380	CSP	Windbreak/Shelterbelt Establishment	Establishment without fabric	Ac	330	AC	50
382	CSP	Fencing	Fencing limited to exclusion use	Ft	2.50	AC	50
386	CSP	Field Border	Field Border	Ft	0.13	AC	50
390	CSP	Riparian Herbaceous Cover	Riparian Herbaceous Cover seed with native species	Ac	330	AC	50
441	CSP	Irrigation System, Micro	Converting from impact to micro only	No	1200	AC	50
442	CSP	Irrigation System, Sprinkler	Converting from impact to drop tubes only	Ft	3	AC	50
391	CSP	Riparian Forest Buffer	Establishment with fabric	Ac	2000	AC	50
391	CSP	Riparian Forest Buffer	Establishment without fabric	Ac	500	AC	50
412	CSP	Grassed Waterway	Grassed Waterway	Ac	1400	AC	50
393	CSP	Filter Strips	Establishment	Ac	190	AC	50
422	CSP	Hedgerow Planting	Establishment	Ft	2.20	AC	50
578	CSP	Stream Crossing	Provide stable crossing areas for livestock	No	2000	AC	50
741	CSP	Grass Buffer Strips	Establishment on sensitive areas only	Ac	100	AC	50
EEM	CSP	Enhancement - Energy Management	Energy Audit	Ea	500	FR	100
EEM	CSP	Enhancement - Energy Management	Recycling of all used motor oil for tractors and lubricating oil for other farm equipment such as irrigation pumps or grain drying motors	Yr	200	FR	100
EEM	CSP	Enhancement - Energy Management	Use of perennial legumes in the crop rotation to reduce energy need for production of nitrogen	Ac	0.70	FR	100
EEM	CSP	Enhancement - Energy Management	Use of annual legumes in the crop rotation to reduce energy need for production of nitrogen	Ac	0.10	FR	100
EEM	CSP	Enhancement - Energy Management	Use of manure to supply at least 90% of nutrient needs of plants	Ac	1.10	FR	100
EEM	CSP	Enhancement - Energy Management	Soil Tillage Intensity Rating (STIR) is less than 60	Ac	0.50	FR	100
EEM	CSP	Enhancement - Energy Management	Soil Tillage Intensity Rating (STIR) is less than 30	Ac	0.70	FR	100
EEM	CSP	Enhancement - Energy Management	Soil Tillage Intensity Rating (STIR) is less than 15	Ac	0.90	FR	100
EEM	CSP	Enhancement - Energy Management	Use of renewable energy fuel (Biodiesel or Ethanol), increments of 100 gallons actual biofuel used per year	100 Gal	25	FR	100
EEM	CSP	Enhancement - Energy Management	Renewable energy generation (solar, wind, water, geothermal, methane)	100 kWh	2.50	FR	100
EEM	CSP	Enhancement - Energy Management	5% energy reduction	BTU	100	FR	100
EEM	CSP	Enhancement - Energy Management	10% energy reduction	BTU	200	FR	100
EEM	CSP	Enhancement - Energy Management	20% energy reduction	BTU	500	FR	100
EGM	CSP	Enhancement - Grazing Management	Improve utilization of forage and distribution of livestock by applying annual results from 5 key transect areas	Yr	250	FR	100
EGM	CSP	Enhancement - Grazing Management	Improve utilization of forage and distribution of livestock by applying annual results from at least 5 forage monitoring exclosures	Yr	250	FR	100
EGM	CSP	Enhancement - Grazing Management	Improve species composition by applying results from at least 5 photo points	Yr	250	FR	100

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EGM	CSP	Enhancement - Grazing Management	Improve utilization by applying annual results from at least 5 photo plots	Yr	250	FR	100
EGM	CSP	Enhancement - Grazing Management	Manage grazing in riparian areas to improve riparian health	Ac	50	FR	100
EGM	CSP	Enhancement - Grazing Management	Manage pasture soils mechanically on annual basis to improve aeration	Ac	20	FR	100
EGM	CSP	Enhancement - Grazing Management	Manage off-site water sources to improve riparian health	Yr	250	FR	100
EGM	CSP	Enhancement - Grazing Management	Manage timing of grazing in specified areas to promote native bunch-grasses (max 100 ac)	Ac	10	FR	100
EGM	CSP	Enhancement - Grazing Management	Manage feed & forage to meet organic livestock certification requirements of Washington State Department of Ag	Ac	0.5	FR	100
EGM	CSP	Enhancement - Grazing Management	Use Nutritional Balance Analyzer (NUTBAL) to apply recommendations on an annual basis to improve grazing management	Yr	100	FR	100
EGM	CSP	Enhancement - Grazing Management	Improve management efficiency by attending advanced seminar or workshop relating to livestock or ecology at least once every 5 Yrs	Yr	300	FR	100
EHM	CSP	Enhancement - Habitat Management	Manage field borders to improve wildlife habitat and filtering capacity (2X the minimum width)	Ac	160	FR	100
EHM	CSP	Enhancement - Habitat Management	Manage wildlife water so that no point on farm is greater than 1/4 mile from water (natural or developed)	Yr	200	FR	100
EHM	CSP	Enhancement - Habitat Management	Manage and improve raptor habitat by using perch poles	Yr	20	FR	100
EHM	CSP	Enhancement - Habitat Management	Manage winter food plot/cover crop (5% max cropland ac)	Ac	85	FR	100
EHM	CSP	Enhancement - Habitat Management	Manage grazing for nesting improvement (maximum of 100 acres)	Ac	10	FR	100
EHM	CSP	Enhancement - Habitat Management	Restoration of declining habitat	Ac	50	FR	100
EHM	CSP	Enhancement - Habitat Management	Manage incidental woodlands for wildlife	Ac	15	FR	100
EHM	CSP	Enhancement - Habitat Management	Manage amphibian habitat	Ac	100	FR	100
EHM	CSP	Enhancement - Habitat Management	Manage herbaceous vegetation to maximize aquatic habitat	Ac	150	FR	100
ENM	CSP	Enhancement - Nutrient Management	Manage nutrient requirements through use of Precision Ag techniques	Ac	4	FR	100
ENM	CSP	Enhancement - Nutrient Management	Manage soil pH utilizing soil test recommendations	Ac	3	FR	100
ENM	CSP	Enhancement - Nutrient Management	Manage nutrients by applying annual results of complete soil test	Ac	3	FR	100
ENM	CSP	Enhancement - Nutrient Management	Manage timing and application of nutrients through tissue testing	Ac	6	FR	100
ENM	CSP	Enhancement - Nutrient Management	Manage nitrogen application by using split application according to crop needs (small grains)	Ac	4	FR	100
ENM	CSP	Enhancement - Nutrient Management	Utilize Nitrification Inhibitors & controlled release fertilizer to improve nitrogen efficiency	Ac	4	FR	100
ENM	CSP	Enhancement - Nutrient Management	Manage setbacks for nutrient applications to exceed recommended minimum distance from ditches or streams	Ac	100	FR	100
ENM	CSP	Enhancement - Nutrient Management	Manage crop inputs to meet organic crop certification requirements of WSDA	Ac	10	FR	100
ENM	CSP	Enhancement - Nutrient Management	Manage herbaceous cover to utilize excess nutrients and reduce erosion	Ac	10	FR	100
ENM	CSP	Enhancement - Nutrient Management	Manage yield variability by using yield monitoring techniques	Ac	2	FR	100

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ENM	CSP	Enhancement - Nutrient Management	Manage soil quality by applying compost	Ac	5	FR	100
EPM	CSP	Enhancement - Pest Management	Manage pesticide application techniques to reduce off-site losses	Ac	3	FR	100
EPM	CSP	Enhancement - Pest Management	Utilize only those pesticides with a WIN/PST risk rating of "Low" and "Very Low"	Ac	4	FR	100
EPM	CSP	Enhancement - Pest Management	Substitute non-chemical and cultural control methods for pesticide use	Ac	8	FR	100
EPM	CSP	Enhancement - Pest Management	Manage filter strips to improve pesticide filtering capacity	Ac	100	FR	100
EPM	CSP	Enhancement - Pest Management	Manage setback areas by increasing at least 25% to reduce risk of pesticide runoff	Ac	20	FR	100
EPM	CSP	Enhancement - Pest Management	Improve pesticide use through the use of a integrated pest management plan	Ac	20	FR	100
ESM	CSP	Enhancement - 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	Ac	1.16	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.2	Ac	2.32	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.3	Ac	3.48	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.4	Ac	4.64	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.5	Ac	5.80	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.6	Ac	6.96	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.7	Ac	8.12	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.8	Ac	9.28	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.9	Ac	10.44	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.0	Ac	11.60	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.1	Ac	12.76	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.2	Ac	13.92	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.3	Ac	15.08	FR	100

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ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.4	Ac	16.24	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.5	Ac	17.40	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.6	Ac	18.56	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.7	Ac	19.72	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.8	Ac	20.88	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.9	Ac	22.04	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2..	Ac	23.20	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.1	Ac	24.36	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.2	Ac	25.52	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.3	Ac	26.68	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.4	Ac	27.84	FR	100
ESM	CSP	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.5 or greater	Ac	29.00	FR	100
ESM	CSP	Enhancement - Soil Management	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 31 and 60	Ac	0.50	FR	100
ESM	CSP	Enhancement - Soil Management	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 16 and 30	Ac	1	FR	100
ESM	CSP	Enhancement - Soil Management	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) of 15 or less	Ac	2	FR	100
ESM	CSP	Enhancement - Soil Management	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	FR	100
ESM	CSP	Enhancement - Soil Management	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	FR	100

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ESM	CSP	Enhancement - Soil Management	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	FR	100
EWM	CSP	Enhancement - Water Management	Irrigation Enhancement Index Level 1 - 60 - 64%	Ac	2	FR	100
EWM	CSP	Enhancement - Water Management	Irrigation Enhancement Index Level 2 - 65 - 69%	Ac	4	FR	100
EWM	CSP	Enhancement - Water Management	Irrigation Enhancement Index Level 3 - 70 - 74%	Ac	6	FR	100
EWM	CSP	Enhancement - Water Management	Irrigation Enhancement Index Level 4 - 75 - 79%	Ac	8	FR	100
EWM	CSP	Enhancement - Water Management	Irrigation Enhancement Index Level 5 - 80 - 84%	Ac	10	FR	100
EWM	CSP	Enhancement - Water Management	Irrigation Enhancement Index Level 6 - 85% or greater	Ac	12	FR	100
EAM	CSP	Atmospheric Resource Quality Mgmt	Manage dust by sprinkling, watering, or graveling heavy use areas	Ac	25	FR	100
EAM	CSP	Atmospheric Resource Quality Mgmt	Manage ag fugitive dust emissions by utilizing herbaceous wind barriers, field borders and/or wind trap strips	Ac	100	FR	100
EAM	CSP	Atmospheric Resource Quality Mgmt	Reduce unsheltered distance utilizing wind strip cropping	Ac	20	FR	100
EAM	CSP	Atmospheric Resource Quality Mgmt	Reduce hydro carbon emissions by storing fuels, chemicals, and fertilizers properly	Yr	500	FR	100
EAM	CSP	Atmospheric Resource Quality Mgmt	Manage existing herbaceous wind barriers, field borders and/or wind strips to reduce particulate matter	Ac	150	FR	100
EAM	CSP	Atmospheric Resource Quality Mgmt	Manage N volatilization from inorganic sources	Ac	10	FR	100
EAM	CSP	Atmospheric Resource Quality Mgmt	Manage odor with immediate incorporation or injection of manure	Ac	50	FR	100
EAM	CSP	Atmospheric Resource Quality Mgmt	Manage odor with immediate incorporation or injection of organic nutrients	Ac	3.5	FR	100
SP	CSP	Stewardship Payment	Tier 3 Cropland	Ac	5.51	FR	100
SP	CSP	Stewardship Payment	Tier 2 Cropland	Ac	2.45	FR	100
SP	CSP	Stewardship Payment	Tier 1 Cropland	Ac	0.61	FR	100
SP	CSP	Stewardship Payment	Tier 3 Irrigated Cropland	Ac	24.86	FR	100
SP	CSP	Stewardship Payment	Tier 2 Irrigated Cropland	Ac	11.05	FR	100
SP	CSP	Stewardship Payment	Tier 1 Irrigated Cropland	Ac	2.76	FR	100
SP	CSP	Stewardship Payment	Tier 3 Grazingland	Ac	0.90	FR	100
SP	CSP	Stewardship Payment	Tier 2 Grazingland	Ac	0.40	FR	100
SP	CSP	Stewardship Payment	Tier 1 Grazingland	Ac	0.10	FR	100
EPP	CSP	Existing Practice Payment	Tier 3 Cropland	Ac	1.38	FR	100
EPP	CSP	Existing Practice Payment	Tier 2 Cropland	Ac	0.61	FR	100
EPP	CSP	Existing Practice Payment	Tier 1 Cropland	Ac	0.15	FR	100
EPP	CSP	Existing Practice Payment	Tier 3 Irrigated Cropland	Ac	6.22	FR	100
EPP	CSP	Existing Practice Payment	Tier 2 Irrigated Cropland	Ac	2.76	FR	100
EPP	CSP	Existing Practice Payment	Tier 1 Irrigated Cropland	Ac	0.69	FR	100
EPP	CSP	Existing Practice Payment	Tier 3 Grazingland	Ac	0.23	FR	100
EPP	CSP	Existing Practice Payment	Tier 2 Grazingland	Ac	0.10	FR	100
EPP	CSP	Existing Practice Payment	Tier 1 Grazingland	Ac	0.03	FR	100