



Ranking Pool Report

Ranking Pool: FY21 Air Quality National_ _

Program: EQIP

Template: FY2021 EQIP

Last Modified By: Alan Fulk

Pool Status: Active

Template Status: Active

Last Modified: 02-11-2021

Land Uses

Land Use	Modifier 1	Modifier 2	Modifier 3	Modifier 4	Modifier 5	Modifier 6
Crop	--	--	--	--	--	--
Forest	--	--	--	--	--	--

Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Air quality emissions	0	35	35
Fire management	0	35	35
Wind and water erosion	0	30	35

Air quality emissions			
Resource Concern	Min %	Default %	Max %
Emissions of airborne reactive nitrogen	0	20	100
Emissions of greenhouse gases - GHGs	0	20	100
Emissions of ozone precursors	0	20	100
Emissions of particulate matter (PM) and PM precursors	0	20	100
Objectionable odor	0	20	100

Fire management			
Resource Concern	Min %	Default %	Max %
Wildfire hazard from biomass accumulation	100	100	100

Wind and water erosion			
Resource Concern	Min %	Default %	Max %
Wind erosion	0	100	100

Practices

Practice	Practice Code	Practice Type
Wildlife Habitat Planting	420	P
Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	521	P
Energy Efficient Lighting System	670	P
Energy Efficient Building Envelope	672	P
On-Farm Secondary Containment Facility	319	P
Structures for Wildlife	649	P
Short Term Storage of Animal Waste and By-Products	318	P
Emergency Animal Mortality Management	368	P
Amending Soil Properties with Gypsum Products	333	P
Denitrifying Bioreactor	605	P
Controlled Traffic Farming	334	P
Field Operations Emissions Reduction	376	P
Pond Sealing or Lining, Compacted Soil Treatment	520	P
Alley Cropping	311	P
Waste Storage Facility	313	P
Brush Management	314	P
Animal Mortality Facility	316	P
Composting Facility	317	P
Irrigation Canal or Lateral	320	P
Deep Tillage	324	P
Clearing and Snagging	326	P
Conservation Cover	327	P
Conservation Crop Rotation	328	P
Contour Farming	330	P
Contour Orchard and Other Perennial Crops	331	P
Contour Buffer Strips	332	P
Cover Crop	340	P
Critical Area Planting	342	P
Dam, Diversion	348	P
Sediment Basin	350	P
Well Decommissioning	351	P
Dike	356	P
Waste Facility Closure	360	P
Diversion	362	P
Pond	378	P

Practice	Practice Code	Practice Type
Windbreak/Shelterbelt Establishment	380	P
Fence	382	P
Field Border	386	P
Irrigation Field Ditch	388	P
Riparian Herbaceous Cover	390	P
Riparian Forest Buffer	391	P
Filter Strip	393	P
Firebreak	394	P
Stream Habitat Improvement and Management	395	P
Aquatic Organism Passage	396	P
Grade Stabilization Structure	410	P
Grassed Waterway	412	P
Hedgerow Planting	422	P
Irrigation Reservoir	436	P
Irrigation System, Microirrigation	441	P
Sprinkler System	442	P
Irrigation System, Surface and Subsurface	443	P
Irrigation Water Management	449	P
Anionic Polyacrylamide (PAM) Application	450	P
Land Clearing	460	P
Irrigation Land Leveling	464	P
Access Control	472	P
Mulching	484	P
Tree/Shrub Site Preparation	490	P
Obstruction Removal	500	P
Forage Harvest Management	511	P
Pasture and Hay Planting	512	P
Livestock Pipeline	516	P
Pumping Plant	533	P
Grazing Land Mechanical Treatment	548	P
Range Planting	550	P
Drainage Water Management	554	P
Roof Runoff Structure	558	P
Access Road	560	P
Heavy Use Area Protection	561	P
Stormwater Runoff Control	570	P
Spring Development	574	P

Practice	Practice Code	Practice Type
Trails and Walkways	575	P
Streambank and Shoreline Protection	580	P
Open Channel	582	P
Channel Bed Stabilization	584	P
Stripcropping	585	P
Structure for Water Control	587	P
Cross Wind Trap Strips	589C	P
Nutrient Management	590	P
Feed Management	592	P
Pest Management Conservation System	595	P
Terrace	600	P
Vegetative Barrier	601	P
Herbaceous Wind Barriers	603	P
Subsurface Drain	606	P
Surface Drain, Field Ditch	607	P
Surface Drain, Main or Lateral	608	P
Tree/Shrub Establishment	612	P
Watering Facility	614	P
Underground Outlet	620	P
Vertical Drain	630	P
Waste Recycling	633	P
Waste Transfer	634	P
Vegetated Treatment Area	635	P
Water Harvesting Catchment	636	P
Water and Sediment Control Basin	638	P
Water Well	642	P
Restoration of Rare or Declining Natural Communities	643	P
Wetland Wildlife Habitat Management	644	P
Upland Wildlife Habitat Management	645	P
Shallow Water Development and Management	646	P
Early Successional Habitat Development-Mgt	647	P
Windbreak/Shelterbelt Renovation	650	P
Forest Trails and Landings	655	P
Wetland Restoration	657	P
Wetland Enhancement	659	P
Tree/Shrub Pruning	660	P
Forest Stand Improvement	666	P

Practice	Practice Code	Practice Type
Monitoring Well	353	P
Roofs and Covers	367	P
Prescribed Grazing	528	P
Stream Crossing	578	P
TA Design	911	P
TA Application	912	P
TA Check-Out	913	P
Fuel Break	383	P
Silvopasture	381	P
Woody Residue Treatment	384	P
Waste Separation Facility	632	P
Waste Treatment	629	P
Salinity and Sodic Soil Management	610	P
Residue and Tillage Management, No Till	329	P
Residue and Tillage Management, Reduced Till	345	P
Multi-Story Cropping	379	P
Agrichemical Handling Facility	309	P
Road/Trail/Landing Closure and Treatment	654	P
Irrigation Ditch Lining	428	P
Irrigation Pipeline	430	P
Waste Gasification Facility	735	P
Drainage Ditch Covering	775	P
Combustion System Improvement	372	P
Dust Control on Unpaved Roads and Surfaces	373	P
Herbaceous Weed Treatment	315	P
Dust Control from Animal Activity on Open Lot Surfaces	375	P
Farmstead Energy Improvement	374	P
Soil Testing	216	P

Ranking Component Weights

Category	Algorithm	Allowable Min	Default	Allowable Max
Vulnerabilities	Default	10	20	40
Planned Practice Effects	Default	15	15	15
Resource Priorities	Default	20	40	60
Program Priorities	Default	5	15	15
Efficiencies	Default	10	10	10

Display Group: FY21 Air Quality National_ _ (Active)



An asterisk will be displayed to show that it is a conditional section or conditional question.

Survey: Applicability Questions

Section: Location		
Question	Answer Choices	Points
WA State	Washington State	--
	Otherwise	--

Survey: Category Questions

Section: FY21 Air Quality National		
Question	Answer Choices	Points
FY21 Air Quality National PM-10 offered to cropland as identified on the 2018 WA SRA PM10 Air Quality Map Layer. _____ OR PM-2.5 offered to tree fruit producers on cropland in Benton, Chelan, Douglas, Grant, Franklin, Klickitat, Okanogan, Yakima, and Walla Walla counties. _____ OR Forestland Particulate Matter, Green House Gas, and Ozone Precursors to target wildfire prevention, offered to non-industrial private forest land owners and tribal forest land where air quality resource concern from wildfires has been identified on the WA SRA Forest Air Quality Map for Particulate Matter, Green House Gas and Ozone Precursors and as found within the Tribal Resource Assessment. Layers: (wa sra_2018 aq crop pm10, wa sra_2018 aq crop pm2.5, wa sra_2018 aq forest ghg o3 pm)	YES	--
	NO	--

Survey: Program Questions

Section: State questions:		
Question	Answer Choices	Points

Section: State questions:

Question	Answer Choices	Points
Select ALL that apply:	The participant requested a plan prior to June 1, 2020. 20 points	20
	Application is associated with an ALE easement that requires a practice applied as per this plan to treat an endangered species and received points on their easement application ranking. 30 points	30
	The AD-1155 will contain only practices that are non-engineering. Or, designs have already been reviewed and approved by NRCS. Engineering practices include: 309 - 313 - 316 - 317 - 319 - 320 - 326 - 350 - 351 - 353 - 356 - 360 - 362 - 367 -372 - 373 - 374 - 375 - 376 - 378 - 388 - 395 - 396 - 410 - 412 - 428 - 430 - 441 - 442 - 443 - 449 - 450 - 460 - 464 -500 - 516 - 520 - 521A - 521B - 521C - 521D - 533 - 554 - 558 - 560 - 561 - 570 - 574 - 575 - 578 - 580 - 582 - 584 -585 - 587 - 590 - 592 - 600 - 605 - 606 -607 - 608 - 614 - 620 - 629 - 632 - 633 - 634 - 635 - 636 - 638 - 642 - 654 -655 - 657 - 659 - 670 - 672 -735 - 775. 20 Points	20
	The AD-1155 will contain only practices that are identified on the current SHPO/THPO agreement as "Undertakings with little to no Potential to Affect Historic Properties". Or, CR has already been reviewed and approved by NRCS. No Potential to Affect Includes: 201, 315, 328, 329, 330, 340, 345, 353, 355, 367, 371, 372, 379, 399, 449, 450, 484, 511,528, 554, 557, 587, 588, 590, 591, 592, 595, 629, 775, 521A, 521B, 521C, 521D, 589C. There are also 30 other practices that are included if certain criteria is met. Please consult the agreement at: https://efotg.sc.egov.usda.gov/ 50 Points	50
	An applicable water quality practice will be installed within one of the identified source water protection counties. 30 points	30
	Application has a livestock type tagged on the application home screen. 20 points	20
	If selected for contracting, this application will allow the participant to become a first-time adopter using all of the planned practices included in CART. Consider adopted practices on all associated agricultural operation(s) that they are involved in. 30 points	30
	Sorry, none of the above apply. 0 points	0

Survey: Resource Questions

Section: FY21 Air Quality National

Question	Answer Choices	Points
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Section: FY21 Air Quality National

Question	Answer Choices	Points
1) PLU is eligible for PM-10 pool if 51% is within this layer: wa sra_2018 aq crop pm10 (1 point)	PLU is eligible for PM-10 pool if 51% is within this layer: wa sra_2018 aq crop pm10 (1 point)	1
	Otherwise PLU is not eligible to PM10 pool	0
2) PLU is eligible for PM-2.5 pool if 51% is within this layer: wa sra_2018 aq crop pm2.5 (1 point)	PLU is eligible for PM 2.5 pool if 51% is within this layer: wa sra_2018 aq crop pm2.5 (1 point)	1
	Otherwise	0
3) PLU is eligible for AQ forest pool if 51% is within this layer: wa sra_2018 aq forest ghg o3 pm (1 point)	PLU is eligible for AQ forest pool if 51% is within this layer: wa sra_2018 aq forest ghg o3 pm (1 point)	1
	Otherwise	0
4) FY21 Air Quality National priority area pools:	PM-10 offered to cropland within the boundaries of the 2018 WA SRA PM10 Air Quality Map Layer. 24 priority points awarded to cropland PLUs within the counties of Klickitat, Benton and Yakima. (select only if PLU is within one of these counties)	24
	PM-2.5 offered to tree fruit producers on cropland in Benton, Chelan, Douglas, Grant, Franklin, Klickitat, Okanogan, Yakima, and Walla Walla counties. (select only if PLU is within one of these counties)	24
	Forestland Particulate Matter, Green House Gas, and Ozone Precursors to target wildfire prevention, offered to non-industrial private forest land owners and tribal forest land where air quality resource concern from wildfires has been identified on the WA SRA Forest Air Quality Map for Particulate Matter, Green House Gas and Ozone Precursors and as found within the Tribal Resource Assessment.	24
	none apply -200 points (outside of all of the geostial layers in questions 1-3)	-200

Section: FY21 Air Quality National

Question	Answer Choices	Points
	Cropland PM 10 reduction: CORE: 329 Residue Management- No Till, 345 Residue Management-Reduced Till, 373 Dust Control on Unpaved Roads and Surfaces, 380 Windbreak/Shelterbelt, 612 Tree/Shrub Establishment, 327 Conservation Cover. (175 points)	175
	Cropland Orchard/Vineyard PM 2.5 reduction: 372 Combustion System Improvement, and 376 Field Operations Emissions (175 points)	175
	Forestland PM 2.5 reduction: 660 Tree/shrub pruning, 384 Woody Residue Treatment, 314 Brush Management, 666-Forest Stand Improvement, 394 Firebreaks, 383 Fuel Breaks. (175 points)	175
5) Primary core practices offered:	Only PM10 support practices (-150 points) Access Control (472), Agrichemical Handling Facility (309) , Alley Cropping (311), Anionic Polyacrylamide (PAM) Application (450), Conservation Crop Rotation (328), Contour Buffer Strips (332), Cover Crop (340), Critical Area Planting (342), Drainage Water Management (554), Fence (382), Field Border (386), Forage Harvest Management (511), Heavy Use Area Protection (561), Hedgerow Planting (422), Herbaceous Wind Barriers (603), Integrated Pest Management (595), Irrigation Pipeline (430), Irrigation System, Microirrigation (441), Irrigation System, Sprinkler (442), Irrigation Water Management (449), Livestock Pipeline (516), Mulching (484), Multi-Story Cropping (379), Nutrient Management (590), Prescribed Grazing (528)	-150
	No Core or support practices (or outside of all of the geostial layers in questions 1-3) (-200 points)	-200