



Ranking Pool Report

Ranking Pool: FY21 On-Farm Energy_

Program: EQIP

Template: FY2021 EQIP

Last Modified By: Alan Fulk

Pool Status: Active

Template Status: Active

Last Modified: 02-02-2021

Land Uses

Land Use	Modifier 1	Modifier 2	Modifier 3	Modifier 4	Modifier 5	Modifier 6
Crop	--	--	--	--	--	--
Range	--	--	--	--	--	--
Pasture	--	--	--	--	--	--
Farmstead	--	--	--	--	--	--

Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Air quality emissions	0	25	35
Inefficient energy use	0	35	35
Source water depletion	0	20	35
Wind and water erosion	0	20	35

Air quality emissions			
Resource Concern	Min %	Default %	Max %
Emissions of greenhouse gases - GHGs	0	100	100

Inefficient energy use			
Resource Concern	Min %	Default %	Max %
Energy efficiency of equipment and facilities	0	50	100
Energy efficiency of farming/ranching practices and field operations	0	50	100

Source water depletion			
Resource Concern	Min %	Default %	Max %
Groundwater depletion	5	5	90

Source water depletion

Resource Concern	Min %	Default %	Max %
Inefficient irrigation water use	5	90	90
Surface water depletion	5	5	90

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

Practice	Practice Code	Practice Type
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
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

Practice	Practice Code	Practice Type
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
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

Practice	Practice Code	Practice Type
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
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 On-Farm Energy_ (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 On-Farm Energy		
Question	Answer Choices	Points
FY21 On-Farm Energy -- Ranks as High using the 307.11 National On-Farm Energy Initiaive screening tool (NI-440-307)	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 On-Farm Energy

Question	Answer Choices	Points
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Section: FY21 On-Farm Energy

Question	Answer Choices	Points
<p>(Select ONE) With regard to applications containing energy efficiency practices. The following are core practices for NOFEI: 128 Agricultural Energy Management Plan (under the CAP Pool), 374 Farmstead Energy Improvement, 449 Irrigation Water Management, 533 Pumping Plant, 670 Lighting System improvement, 672 Building Envelope Improvement</p>	<p>1 The application contains two or more core practices. (60 pts) 128 Agricultural Energy Management Plan (under the CAP Pool), 374 Farmstead Energy Improvement, 449 Irrigation Water Management, 533 Pumping Plant, 670 Lighting System improvement, 672 Building Envelope Improvement 60</p>	60
	<p>2 The application contains at least one core practice. (10 pts)</p>	10
	<p>3 The application contains NO core practices. (-50 pts)</p>	-50
<p>(Select ONE) Water Conservation, Will the proposed project conserve water by;</p>	<p>1 Implementing irrigation practices that reduce energy and reduce aquifer overdraft. 20 points</p>	20
	<p>2 Implementing energy practices that recycle or reuse water. (20 pts)</p>	20
	<p>3 none</p>	0
<p>(Select ONE) Will the proposed application contain projects that improve air quality by:</p>	<p>a. Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by 100,000 pounds or more. (60 pts)</p>	60
	<p>b. Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by 75,000 pounds or more. (40 pts)</p>	40
	<p>c. Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by 50,000 pounds or more. (25 pts)</p>	25
	<p>d. Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by 25,000 pounds or more. (5 pts)</p>	5
	<p>e. Implementing energy practices that have been evaluated to reduce on-farm generated carbon dioxide (CO2) by less than 10,000 pounds. (-20 pts)</p>	-20
<p>(Select ONE) Use the Energy Cost Efficiency Worksheet to calculate the estimated energy cost efficiency value for the conservation practices in the EQIP plan/schedule of operations:</p>	<p>1 Is the estimated energy cost efficiency 50 percent or more? (60 pts)</p>	60
	<p>2 Is the estimated energy cost efficiency between 30 and 50 percent? (25 pts)</p>	25
	<p>3 Is the estimated energy cost efficiency less than 30 percent? (5 pts)</p>	5