# **Natural Resources Conservation Service**

# Application Ranking Summary WY - Soil Health

Program: EQIP 2008	gram: EQIP 2008 Ranking Date:	
Ranking Tool: WY - Soil Health		Applicant:
Final Ranking Score:		Address:
Planner:		Telephone:
Farm Location:		-

## National Priorities Addressed

National Priorities Addressed	
Issue Questions	Responses
If the application is for development of a Conservation Activity Plan (CAP), the agency will assign significant ranking priority and conservation benefit by answering "Yes" to the following question. Answering "Yes" to question 1a will result in the application being awarded the maximum amount of points that can be earned for the national priority category.	
1. a. Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is "Yes", do not answer any other national level questions. If answer is "No", proceed with evaluation to address the remaining questions in this section.	250 Point(s)
Clean and Abundant Water: Water Quality - Will the proposed project assist the producer to:	
2. a. Meet regulatory requirements relating to animal feeding operations, or proactively avoid the need for regulatory measures?	15 Point(s)
2. b. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a designated "impaired water body" (TMDL, 303d, etc.)?	15 Point(s)
2. c. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a "non- impaired water body"?	5 Point(s)
Clean and Abundant Water: Water Conservation - Will the proposed project assist the producer implement conservation practices which:	

3. a. Decrease aquifer overdraft?	15 Point(s)
3. b. Conserve water from irrigation system	10 Point(s)
improvements and saved water will be	10 1 0111(3)
available for other beneficial uses?	
available for other beneficial uses.	
3. c. Conserve water in an area where the	5 Point(s)
applicant participates in a geographically	5 Tollik(b)
established or watershed-wide project?	
Clean Air: Treatment of air quality from	
agricultural sources - Will the proposed project	
assist the producer to implement practice(s)	
which:	
4. a. Meet on-farm regulatory requirements	15 Point(s)
relating to air quality or proactively avoid	13.1 Offic(3)
the need for regulatory measures?	
and nood for regulatory mountains.	
4. b. Reduce on-farm generated green house	15 Point(s)
gases such as CO2 (Carbon Dioxide), CH4	2 2 3(0)
(Methane), and N2O (Nitrous Oxide)?	
(Masas Sinas)	
4. c. Increase on-farm carbon sequestration?	5 Point(s)
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Soil Health: Will the proposed project assist the	
producer to implement practice(s) which:	
5. a. Reduce erosion to tolerable limits (Soil "T")?	15 Point(s)
5. b. Improve soil tilth, organic matter,	5 Point(s)
structure, health, etc.?	
Healthy Plant and Animal Communities Wildlife	
Habitat Conservation - Will the proposed project	
assist the producer to implement practice(s)	
which:	
6. a. Benefit on-farm habitat associated with	15 Point(s)
threatened and endangered, at-risk,	
candidate, or species of concern as	
identified in a State wildlife plan?	
6. b. Help retain wildlife and plant habitat	10 Point(s)
on land exiting the Conservation Reserve	
Program (CRP)?	
High Quality, Productive Soils, Healthy Plant and	
Animal Communities: Will the proposed project	
assist the producer implement practices which:	
7. a. Help manage or control noxious or	10 Point(s)
invasive plant species on non-cropland?	
7. b. Increase, or improve habitat to benefit	10 Point(s)
pollinator or other targeted wildlife species?	

7. c. Properly dispose of livestock carcasses?	5 Point(s)
7. d. Are identified in an Integrated Pest Management plan?	10 Point(s)
7. e. Are identified in a Nutrient Management plan?	10 Point(s)
7. f. Apply principles of adaptive nutrient management?	5 Point(s)
Energy Conservation - Will the proposed project assist the producer to implement practices which:	
8. a. Reduce energy consumption on the agricultural operation?	15 Point(s)
8. b. Increase on-farm energy efficiency with practices and improvements identified in an approved energy audit equivalent to criteria required in Ag EMP?	10 Point(s)
8. c. Assist in implementing energy conservation measures that also reduce greenhouse gas emissions and other air pollutants?	10 Point(s)
Business Lines - Conservation Implementation Additional Ranking Considerations - Will the proposed project result in:	
9. a. Implementation of all conservation practices scheduled in the contract on the CPA-1155 within three years of date of obligation?	10 Point(s)
9. b. Improvement of existing conservation practices or conservation systems already in place at the time the application is accepted?	5 Point(s)
9. c. Implementation of practice(s) which will complete an existing conservation system or suite of practices?	5 Point(s)

### **State Issues Addressed**

Issue Questions	Responses
If the application is for the development of a Conservation Activity Plan (CAP), the agency will assign significant ranking priority and conservation benefit by answering "YES" to the following question. Answering "Yes" to question 1a will result in the application being awarded the maximum amount of points that can be earned for the state level questions.	
1. a. Is the program application for the development of a Conservation Activity Plan (CAP) for a TSP prepared Integrated Pest Management Plan (114) or IPM Herbicide Resistant Weed Conservation Plan (154)? If the answer is "Yes", do not answer any other state level questions. If the answer is "No", proceed with evaluation to address the remaining questions in this section.	280 Point(s)
Soil Wind Erodibility Index Factor (EI). When fields have multiple soils, base response on the predominant soil type. When fields have no predominant soil type, base response on the soil with the highest erodibility. (Select only 1 answer).	
2. a. EI = 48	10 Point(s)
	20 Point(s)
	30 Point(s)
	40 Point(s)
	50 Point(s)
Soil C Factor. When fields have multiple soils, base response on the predominant soil type. When fields have no predominant soil type, base response on the soil with the highest erodibility. (Select only 1 answer).	
3. a. C = 20	5 Point(s)
3. b. C = 30	10 Point(s)
3. c. C = 40	15 Point(s)
3. d. C = 50	20 Point(s)
3. e. C = 60	25 Point(s)
3. f. C = 70	30 Point(s)
	35 Point(s)
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3. h. C = 90	40 Point(s)
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Slope of Field. If values vary, use a weighted	
average. (Select only 1 answer).	
4. a. 0% to 2%	10 Point(s)
4. b. 2.1% to 4%	20 Point(s)
4. c. 4.1% to 6%	35 Point(s)
4. d. greater than 6.1%	50 Point(s)
Reduction from Existing T rating to the Planned System, using WEPS or RUSLE2 to make this determination. (Select only 1 answer).	
5. a. No Reduction in T	0 Point(s)
5. b. T Reduction of 0.1 to 0.5	5 Point(s)
5. c. T Reduction of 0.6 to 1.0	10 Point(s)
5. d. T Reduction of 1.1 to 1.5	15 Point(s)
5. e. T Reduction of 1.6 to 2.0	20 Point(s)
5. f. T Reduction of 2.1 to 2.5	25 Point(s)
5. g. T Reduction of 2.6 to 3.0	30 Point(s)
5. h. T Reduction of 3.1 to 4.0	40 Point(s)
5. i. T Reduction of 4.1 to 4.5	50 Point(s)
5. j. T Reduction of 4.6 to 5.0	60 Point(s)
5. k. T Reduction greater than 5.1	70 Point(s)
SCI of Planned System, using WEPS or RUSLE2 to make this determination. (Select only 1 answer).	
6. a. No Change from Existing System	0 Point(s)
6. b. less than 0.0	-20 Point(s)
6. c. 0.1 to 0.5	15 Point(s)
6. d. 0.6 to 1.0	30 Point(s)
6. e. 1.1 to 1.5	45 Point(s)
6. f. 1.6 to 2.0	60 Point(s)

### **Local Issues Addressed**

Local Issues Addressed	
Issue Questions	Responses
If the application is for the development of a	
Conservation Activity Plan (CAP), the agency	
will assign significant ranking priority and	
conservation benefit by answering "YES" to the	
following question. Answering "Yes" to question	
1a will result in the application being awarded the	
maximum amount of points that can be earned for	
the state level questions.	
1. a. Is the program application for the development of a Conservation Activity Plan (CAP) for a TSP prepared Integrated Pest Management Plan (114) or IPM Herbicide Resistant Weed Conservation Plan (154)? If the answer is "Yes", do not answer any other state level questions. If the answer is "No", proceed with evaluation to address the remaining questions in this	370 Point(s)
section.	
Number of additional functional groups in planned system or rotation (Warm season grass, cool season grass, warm season broadleaf, cool season broadleaf, & legume). Must be Contracted Practice to take ranking credit. Can be contracted though 327, 328, 340, 512, 550. Plantings as 311, 342, 386, 393, 412, 422, 601, 603 are not eligible for ranking points as they will not address the entire system on the contracted acres. (Select only 1 answer)	
2. a. No change from Existing System	0 Point(s)
2. b. 1 additional functional group	10 Point(s)
2. c. 2 additional functional groups	25 Point(s)
2. d. 3 additional functional groups	50 Point(s)
2. e. 4 additional functional groups	75 Point(s)
2. f. Cover crop mix will be seeded to	80 Point(s)
include 4 or more species. Refer to Agronomy Technical Note 29	(0)

Additional Resource Concerns. (Answer all that apply).	
3. Is active Gully Erosion occurring that will be be addressed with a contracted item?	20 Point(s)
4. Will a Nutrient Management Plan (590) be developed and nutrients applied according soil test recommendations as part of this contract?	70 Point(s)
5. Will an Integrated Pest Management Plan (595) be developed and applied as part of this contract?	70 Point(s)
6. Will the contracted practice(s) result in precision agriculture techniques being utilized? (i.e. Grid samplint, yield monitoring/mapping, satellite-based auto guidance system)	65 Point(s)
7. Will an irrigated field be converted to a dryland field to reduce water use?	30 Point(s)
8. Will a dryland crop field be converted to dryland pasture to address erosion concerns?	30 Point(s)

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Final Ranking Score:	
National Issues:	
State Issues:	
Local Issues:	
Efficiency:	

This ranking report is for your information. It does not in any way guarantee funding. When funding becomes available, you will be notified if your application is selected for funding. Some changes to the application may be required before a final contract is awarded.

Notes:

NRCS Representative:	Applicant Signature Not Required on this
	report for Contract Development unless
	required by State policy:
Signature Date:	Signature Date: