

Ranking Pool Report

Ranking Pool: FY23 SE CSP Classic AgLand

Program: CStwP

Pool Status: Draft

States: MN (Admin)

Template: CSP General National Ranking Template -
Amended October 2022

Template Status: Active

Last Modified By: Andrea Horsman

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Land Uses and Modifiers

Land Use	Grazed	Wildlife	Irrigated	Hayed	Drained	Organic	Water Feature	Protected	Urban	Aquaculture
Crop	--	--	--	--	--	--	--	--	--	--
Pasture	--	--	--	--	--	--	--	--	--	--
Farmstead	--	--	--	N/A	N/A	--	--	--	--	--
Associated Ag Land	--	--	--	--	N/A	--	--	--	--	--

Resource Concern Categories

Categories			
Category	Min %	Default %	Max %
Concentrated erosion	0	12	30
Degraded plant condition	0	11	30
Field pesticide loss	0	9	30
Field sediment, nutrient and pathogen loss	0	19	30
Inefficient energy use	0	1	30
Livestock production limitation	0	13	30
Pest pressure	0	8	30
Soil quality limitations	0	14	30
Source water depletion	0	1	30
Storage and handling of pollutants	0	1	30
Terrestrial habitat	0	1	30
Wind and water erosion	0	10	30

Concentrated erosion			
Resource Concern	Min %	Default %	Max %
Bank erosion from streams, shorelines or water conveyance channels	0	--	50

Concentrated erosion

Resource Concern	Min %	Default %	Max %
Classic gully erosion	0	50	50
Ephemeral gully erosion	0	50	50

Degraded plant condition

Resource Concern	Min %	Default %	Max %
Plant productivity and health	0	50	100
Plant structure and composition	0	50	100

Field pesticide loss

Resource Concern	Min %	Default %	Max %
Pesticides transported to groundwater	0	50	100
Pesticides transported to surface water	0	50	100

Field sediment, nutrient and pathogen loss

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	0	30	50
Nutrients transported to surface water	0	30	50
Pathogens and chemicals from manure, biosolids or compost applications transported to groundwater	0	10	50
Pathogens and chemicals from manure, biosolids or compost applications transported to surface water	0	10	50
Sediment transported to surface water	0	20	50

Inefficient energy use

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

Livestock production limitation

Resource Concern	Min %	Default %	Max %
Feed and forage balance	0	50	50
Inadequate livestock shelter	0	20	50
Inadequate livestock water quantity, quality and distribution	0	30	50

Pest pressure

Resource Concern	Min %	Default %	Max %
Plant pest pressure	0	100	100

Soil quality limitations

Resource Concern	Min %	Default %	Max %
Aggregate instability	0	30	50
Compaction	0	20	50
Organic matter depletion	0	30	50
Soil organism habitat loss or degradation	0	20	50

Source water depletion

Resource Concern	Min %	Default %	Max %
Groundwater depletion	0	25	50
Inefficient irrigation water use	0	50	50
Surface water depletion	0	25	50

Storage and handling of pollutants

Resource Concern	Min %	Default %	Max %
Nutrients transported to groundwater	0	30	50
Nutrients transported to surface water	0	30	50
Petroleum, heavy metals and other pollutants transported to groundwater	0	20	50
Petroleum, heavy metals and other pollutants transported to surface water	0	20	50

Terrestrial habitat

Resource Concern	Min %	Default %	Max %
Terrestrial habitat for wildlife and invertebrates	0	100	100

Wind and water erosion

Resource Concern	Min %	Default %	Max %
Sheet and rill erosion	0	80	100
Wind erosion	0	20	100

Practices

Practice Name	Practice Code	Practice Type
Alley Cropping	311	Conservation Practices
Brush Management	314	Conservation Practices
Herbaceous Weed Treatment	315	Conservation Practices
On-Farm Secondary Containment Facility	319	Conservation Practices

Practice Name	Practice Code	Practice Type
Deep Tillage	324	Conservation Practices
Conservation Cover	327	Conservation Practices
Conservation Crop Rotation	328	Conservation Practices
Residue and Tillage Management, No Till	329	Conservation Practices
Prescribed Burning	338	Conservation Practices
Cover Crop	340	Conservation Practices
Critical Area Planting	342	Conservation Practices
Residue and Tillage Management, Reduced Till	345	Conservation Practices
Energy Efficient Agricultural Operation	374	Conservation Practices
Pond	378	Conservation Practices
Windbreak/Shelterbelt Establishment and Renovation	380	Conservation Practices
Silvopasture	381	Conservation Practices
Fence	382	Conservation Practices
Fuel Break	383	Conservation Practices
Woody Residue Treatment	384	Conservation Practices
Field Border	386	Conservation Practices
Riparian Herbaceous Cover	390	Conservation Practices
Riparian Forest Buffer	391	Conservation Practices
Filter Strip	393	Conservation Practices
Firebreak	394	Conservation Practices
Stream Habitat Improvement and Management	395	Conservation Practices
Aquatic Organism Passage	396	Conservation Practices
Fishpond Management	399	Conservation Practices
Grade Stabilization Structure	410	Conservation Practices
Grassed Waterway	412	Conservation Practices
Wildlife Habitat Planting	420	Conservation Practices
Irrigation Pipeline	430	Conservation Practices

Practice Name	Practice Code	Practice Type
Irrigation System, Microirrigation	441	Conservation Practices
Sprinkler System	442	Conservation Practices
Irrigation Water Management	449	Conservation Practices
Precision Land Forming and Smoothing	462	Conservation Practices
Access Control	472	Conservation Practices
Mulching	484	Conservation Practices
Tree/Shrub Site Preparation	490	Conservation Practices
Forage Harvest Management	511	Conservation Practices
Pasture and Hay Planting	512	Conservation Practices
Livestock Pipeline	516	Conservation Practices
Prescribed Grazing	528	Conservation Practices
Pumping Plant	533	Conservation Practices
Drainage Water Management	554	Conservation Practices
Roof Runoff Structure	558	Conservation Practices
Heavy Use Area Protection	561	Conservation Practices
Stormwater Runoff Control	570	Conservation Practices
Spring Development	574	Conservation Practices
Livestock Shelter Structure	576	Conservation Practices
Stream Crossing	578	Conservation Practices
Structure for Water Control	587	Conservation Practices
Nutrient Management	590	Conservation Practices
Pest Management Conservation System	595	Conservation Practices
Saturated Buffer	604	Conservation Practices
Denitrifying Bioreactor	605	Conservation Practices
Subsurface Drain	606	Conservation Practices
Tree/Shrub Establishment	612	Conservation Practices
Watering Facility	614	Conservation Practices

Practice Name	Practice Code	Practice Type
Underground Outlet	620	Conservation Practices
Restoration of Rare or Declining Natural Communities	643	Conservation Practices
Wetland Wildlife Habitat Management	644	Conservation Practices
Upland Wildlife Habitat Management	645	Conservation Practices
Shallow Water Development and Management	646	Conservation Practices
Early Successional Habitat Development-Mgt	647	Conservation Practices
Structures for Wildlife	649	Conservation Practices
Road/Trail/Landing Closure and Treatment	654	Conservation Practices
Tree-Shrub Pruning	660	Conservation Practices
Forest Stand Improvement	666	Conservation Practices
Buffer Bundle#1	B000BFF1	Bundles
YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	B000CPL11	Bundles
Non-Irrigated Precision Ag (MRBI)	B000CPL12	Bundles
Non-Irrigated Cropland (MRBI)	B000CPL13	Bundles
YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	B000CPL15	Bundles
Non-Irrigated Cropland with Water Bodies (MRBI)	B000CPL16	Bundles
Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	B000CPL17	Bundles
Crop Bundle #18 - Precision Ag	B000CPL18	Bundles
Crop Bundle #19 - Soil Health Precision Ag	B000CPL19	Bundles
Crop Bundle #20 - Soil Health Assessment	B000CPL20	Bundles
Crop Bundle #21 - Crop Bundle (Organic)	B000CPL21	Bundles
Crop Bundle #22 - Erosion Bundle (Organic)	B000CPL22	Bundles
Crop Bundle #23 - Pheasant and quail habitat	B000CPL23	Bundles
Crop Bundle #24 - Cropland Soil Health Management System	B000CPL24	Bundles
Climate Smart Advanced Soil Health	B000CPL25	Bundles
Pasture Bundle #6 - Pasture	B000PSTX	Bundles
Comprehensive Conservation Plan	E199A	CStwP Enhancements (2018)
Existing Activity Payment-Land Use	E300EAP1	CStwP Enhancements (2018)
Existing Activity Payment-Resource Concern	E300EAP2	CStwP Enhancements (2018)

Practice Name	Practice Code	Practice Type
Brush management to improve wildlife habitat	E314A	CStwP Enhancements (2018)
Herbaceous weed treatment to create plant communities consistent with the ecological site	E315A	CStwP Enhancements (2018)
Conservation cover for pollinators and beneficial insects	E327A	CStwP Enhancements (2018)
Establish Monarch butterfly habitat	E327B	CStwP Enhancements (2018)
Resource conserving crop rotation	E328A	CStwP Enhancements (2018)
Improved resource conserving crop rotation	E328B	CStwP Enhancements (2018)
Conservation crop rotation on recently converted CRP grass/legume cover	E328C	CStwP Enhancements (2018)
Leave standing grain crops unharvested to benefit wildlife	E328D	CStwP Enhancements (2018)
Soil health crop rotation	E328E	CStwP Enhancements (2018)
Modifications to improve soil health and increase soil organic matter	E328F	CStwP Enhancements (2018)
Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	E328G	CStwP Enhancements (2018)
Forage harvest to reduce water quality impacts by utilization of excess soil nutrients	E328I	CStwP Enhancements (2018)
Improved crop rotation to provide benefits to pollinators	E328J	CStwP Enhancements (2018)
Multiple crop types to benefit wildlife	E328K	CStwP Enhancements (2018)
Leaving tall crop residue for wildlife	E328L	CStwP Enhancements (2018)
Diversify crop rotation with canola or sunflower to provide benefits to pollinators	E328M	CStwP Enhancements (2018)
Perennial Grain Conservation Crop Rotation	E328O	CStwP Enhancements (2018)
No till to reduce soil erosion	E329A	CStwP Enhancements (2018)
No till to increase plant-available moisture	E329C	CStwP Enhancements (2018)

Practice Name	Practice Code	Practice Type
No till system to increase soil health and soil organic matter content	E329D	CStwP Enhancements (2018)
Strategically planned, patch burning for grazing distribution and wildlife habitat	E338A	CStwP Enhancements (2018)
Cover crop to reduce soil erosion	E340A	CStwP Enhancements (2018)
Intensive cover cropping to increase soil health and soil organic matter content	E340B	CStwP Enhancements (2018)
Use of multi-species cover crops to improve soil health and increase soil organic matter	E340C	CStwP Enhancements (2018)
Intensive orchard/vineyard floor cover cropping to increase soil health	E340D	CStwP Enhancements (2018)
Use of soil health assessment to assist with development of cover crop mix to improve soil health	E340E	CStwP Enhancements (2018)
Cover crop to minimize soil compaction	E340F	CStwP Enhancements (2018)
Cover crop to reduce water quality degradation by utilizing excess soil nutrients	E340G	CStwP Enhancements (2018)
Cover crop to suppress excessive weed pressures and break pest cycles	E340H	CStwP Enhancements (2018)
Using cover crops for biological strip till	E340I	CStwP Enhancements (2018)
Reduced tillage to reduce soil erosion	E345A	CStwP Enhancements (2018)
Reduced tillage to increase plant-available moisture	E345C	CStwP Enhancements (2018)
Reduced tillage to increase soil health and soil organic matter content	E345D	CStwP Enhancements (2018)
Silvopasture to improve wildlife habitat	E381A	CStwP Enhancements (2018)
Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	E382A	CStwP Enhancements (2018)
Installing electrical fence offsets and wire for cross-fencing to improve grazing management	E382B	CStwP Enhancements (2018)
Enhanced field borders to reduce soil erosion along the edge(s) of a field	E386A	CStwP Enhancements (2018)
Enhanced field borders to increase carbon storage along the edge(s) of the field	E386B	CStwP Enhancements (2018)

Practice Name	Practice Code	Practice Type
Enhanced field borders to increase food for pollinators along the edge(s) of a field	E386D	CStwP Enhancements (2018)
Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field	E386E	CStwP Enhancements (2018)
Increase riparian herbaceous cover width for sediment and nutrient reduction	E390A	CStwP Enhancements (2018)
Increase riparian herbaceous cover width to enhance wildlife habitat	E390B	CStwP Enhancements (2018)
Increase riparian forest buffer width for sediment and nutrient reduction	E391A	CStwP Enhancements (2018)
Increase riparian forest buffer width to enhance wildlife habitat	E391C	CStwP Enhancements (2018)
Extend existing filter strip to reduce water quality impacts	E393A	CStwP Enhancements (2018)
Establish pollinator habitat	E420A	CStwP Enhancements (2018)
Establish monarch butterfly habitat	E420B	CStwP Enhancements (2018)
Advanced Automated IWM - Year 2-5, soil moisture monitoring	E449C	CStwP Enhancements (2018)
Advanced Automated IWM - Year 1, Equipment and soil moisture or water level monitoring	E449D	CStwP Enhancements (2018)
Intermediate IWM - Year 1, Equipment with Soil or Water Level monitoring	E449F	CStwP Enhancements (2018)
Intermediate IWM - Years 2-5, Soil or Water Level monitoring	E449G	CStwP Enhancements (2018)
Intermediate IWM - Years 2 -5, using soil moisture or water level monitoring	E449H	CStwP Enhancements (2018)
Sprinkler Irrigation Equipment Retrofit	E449I	CStwP Enhancements (2018)
Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	E472A	CStwP Enhancements (2018)
Mulching to improve soil health	E484A	CStwP Enhancements (2018)
Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	E511A	CStwP Enhancements (2018)
Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	E511B	CStwP Enhancements (2018)

Practice Name	Practice Code	Practice Type
Forage testing for improved harvesting methods and hay quality	E511C	CStwP Enhancements (2018)
Forage Harvest Management to Improve Terrestrial Habitat for Wildlife during Over-Winter Periods	E511D	CStwP Enhancements (2018)
Cropland conversion to grass-based agriculture to reduce soil erosion	E512A	CStwP Enhancements (2018)
Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health	E512B	CStwP Enhancements (2018)
Cropland conversion to grass for soil organic matter improvement	E512C	CStwP Enhancements (2018)
Forage plantings that help increase organic matter in depleted soils	E512D	CStwP Enhancements (2018)
Forage and biomass planting that produces feedstock for biofuels or energy production.	E512E	CStwP Enhancements (2018)
Establish pollinator and/or beneficial insect and/or monarch habitat	E512I	CStwP Enhancements (2018)
Establish wildlife corridors to provide habitat continuity or access to water	E512J	CStwP Enhancements (2018)
Diversifying Forage Base with Interseeding Forbs and Legumes to Increase Pasture Quality	E512L	CStwP Enhancements (2018)
Forage Plantings that Improve Wildlife Habitat Cover and Shelter or Structure and Composition	E512M	CStwP Enhancements (2018)
Maintaining quantity and quality of forage for animal health and productivity	E528A	CStwP Enhancements (2018)
Grazing management that improves monarch butterfly habitat	E528B	CStwP Enhancements (2018)
Incorporating wildlife refuge areas in contingency plans for wildlife.	E528C	CStwP Enhancements (2018)
Grazing management for improving quantity and quality of food or cover and shelter for wildlife	E528D	CStwP Enhancements (2018)
Improved grazing management for enhanced plant structure and composition for wildlife	E528E	CStwP Enhancements (2018)
Stockpiling cool season forage to improve structure and composition or plant productivity and health	E528F	CStwP Enhancements (2018)
Improved grazing management on pasture for plant productivity and health with monitoring activities	E528G	CStwP Enhancements (2018)
Grazing management that protects sensitive areas -surface or ground water from nutrients	E528I	CStwP Enhancements (2018)

Practice Name	Practice Code	Practice Type
Prescribed grazing on pastureland that improves riparian and watershed function	E528J	CStwP Enhancements (2018)
Prescribed grazing that improves or maintains riparian and watershed function-erosion	E528L	CStwP Enhancements (2018)
Grazing management that protects sensitive areas from gully erosion	E528M	CStwP Enhancements (2018)
Clipping mature forages to set back vegetative growth for improved forage quality	E528O	CStwP Enhancements (2018)
Implementing Bale or Swath Grazing to increase organic matter and reduce nutrients in surface water	E528P	CStwP Enhancements (2018)
Use of body condition scoring for livestock on a monthly basis to keep track of herd health	E528Q	CStwP Enhancements (2018)
Management Intensive Rotational Grazing	E528R	CStwP Enhancements (2018)
Soil Health Improvements on Pasture	E528S	CStwP Enhancements (2018)
Install VFDs on pumping plants	E533C	CStwP Enhancements (2018)
Switch fuel source for pumps	E533D	CStwP Enhancements (2018)
Stream crossing elimination	E578A	CStwP Enhancements (2018)
Improving nutrient uptake efficiency and reducing risk of nutrient losses	E590A	CStwP Enhancements (2018)
Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies	E590B	CStwP Enhancements (2018)
Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	E590C	CStwP Enhancements (2018)
Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	E595A	CStwP Enhancements (2018)
Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques	E595B	CStwP Enhancements (2018)
Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	E595E	CStwP Enhancements (2018)
Reduced resistance risk by utilizing PAMS techniques	E595G	CStwP Enhancements (2018)
Adding food-producing trees and shrubs to existing plantings	E612D	CStwP Enhancements (2018)

Practice Name	Practice Code	Practice Type
Cultural plantings	E612E	CStwP Enhancements (2018)
Tree/shrub planting for wildlife food	E612G	CStwP Enhancements (2018)
Manage existing shrub thickets to provide adequate shelter for wildlife	E645B	CStwP Enhancements (2018)
Edge feathering for wildlife cover	E645C	CStwP Enhancements (2018)
Wildlife Habitat Management Plan for Upland Landscapes	E645D	CStwP Enhancements (2018)
Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat	E646A	CStwP Enhancements (2018)
Extend retention of captured rainfall for migratory waterfowl and wading bird late winter habitat	E646B	CStwP Enhancements (2018)
Manipulate vegetation and maintain closed structures for shorebirds mid-summer habitat	E646C	CStwP Enhancements (2018)
Manipulate vegetation and maintain closed structures for shorebird late summer habitat	E646D	CStwP Enhancements (2018)
Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat	E647C	CStwP Enhancements (2018)
Establish and maintain early successional habitat in ditches and bank borders	E647D	CStwP Enhancements (2018)
Increase on-site carbon storage	E666H	CStwP Enhancements (2018)
Crop tree management for mast production	E666I	CStwP Enhancements (2018)
Facilitating oak forest regeneration	E666J	CStwP Enhancements (2018)
Creating structural diversity with patch openings	E666K	CStwP Enhancements (2018)
Snags, den trees, and coarse woody debris for wildlife habitat	E666O	CStwP Enhancements (2018)
Forest songbird habitat maintenance	E666R	CStwP Enhancements (2018)

Ranking Weights

Factors	Algorithm	Allowable Min	Default	Allowable Max
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Factors	Algorithm	Allowable Min	Default	Allowable Max
Vulnerabilities	Adjustment (A)	5	5	10
Planned Practice Effects	Adjustment (C)	35	35	50
Resource Priorities	Default	15	35	35
Program Priorities	Default	15	15	35
Efficiencies	Default	10	10	10

Display Group: FY23 SE CSP Classic AgLand (Draft)



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

Survey: Applicability Questions

Section: AgLand Applicability		
Question	Answer Choices	Points
Is the majority of the applicant's CSP operation within SE Area boundary and Classic Application?	SE	--
	Other	--

Survey: SE CST

Section: SE CST		
Question	Answer Choices	Points
Which team does the majority of the land fall into?	Team 16-Glencoe	--
	Team 17-Faribault	--
	Team 18-Mankato	--
	Team 19-Albert Lea	--
	Team 20-Rochester	--
	Team 21-Preston	--
	Otherwise	--

Survey: MN Program Questions

Section: MN CSP Program Questions		
Question	Answer Choices	Points
Does the application contain 1 or more enhancements planned on each land use (exclude Farmstead and Associated AgLand)?	YES	45
	NO	0

Section: MN CSP Program Questions

Question	Answer Choices	Points
Using the CART CSP Classic Report completed for this application, first determine the least performing group from each, CROP AND PASTURE land use. Second determine how many Priority Resource Concern Categories (PRCCs) met at the time of application for each (cropland and pasture) of these least performing groups. Add the numbers of PRCCs together from the least performing cropland and pasture group and use the total number to choose one of the following answer: AgLand Area PRCCs are: Field Sediment, Nutrient, and Pathogen Loss, Soil Quality Limitations, Livestock Production Limitation, Degraded Plant Condition, Concentrated Erosion, Wind and Water Erosion, Field Pesticide Loss, and Pest Pressure	7 or more AgLand Area PRCCs are met at time of application	50
	5-6 AgLand Area PRCCs are met at time of application	40
	3-4 AgLand Area PRCCs are met at time of application	30
	2 AgLand Area PRCCs are met at time of application	20
	1 AgLand Area PRCC are met at time of application	10
	None	0
Using the CART CSP Classic Report completed for this application, first determine the least performing land use group from each, CROP AND PASTURE land use. Second determine how many Priority Resource Concern Categories (PRCCs) changed from "not met" to "met" by the end of the contract period for each (cropland and pasture) of these least performing groups. Add the number of PRCCs together from the least performing cropland and pasture group and use the total number to choose one of the following answer: Agland Area PRCCs are: Field Sediment, Nutrient, and Pathogen Loss, Soil Quality Limitations, Livestock Production Limitation, Degraded Plant Condition, Concentrated Erosion, Wind and Water Erosion, Field Pesticide Loss, and Pest Pressure	7 or more AgLand Area PRCCs changed from "not met" to "met" by the end of the contract period	30
	5-6 AgLand Area PRCCs changed from "not met" to "met" by the end of the contract period	25
	3-4 AgLand Area PRCCs changed from "not met" to "met" by the end of the contract period	20
	2 AgLand Area PRCCs changed from "not met" to "met" by the end of the contract period	15
	1 AgLand Area PRCC changed from "not met" to "met" by the end of the contract period	10
	None	0
Will 1 or more scheduled activity be planned within the Source Water Protection Designated Area that will address or enhance any of these Resource Concern Categories: Field Pesticide Loss, Field Sediment, Nutrient/Pathogen Loss, Source Water Depletion, and Storage and Handling of Nutrients? Field office will reference CD layer Source Water Protection MN 2023 and CSP Classic report	YES	50
	NO	0

Survey: Area Resource Questions

Section: Area Resource Questions

Question	Answer Choices	Points
Does the application contain 2 or more enhancements planned on the cropland land use? (Only Applicable to Cropland Land Use)	YES	80
	NO	0
Does the application contain enhancements or practices planned on 2 or more land uses? (All Land Uses Apply)	YES	60
	NO	0
Does the application contain a minimum 1 enhancement planned that addresses the resource concern category: Field sediment, nutrient and pathogen loss? (All Land Uses Apply)	YES	40
	NO	0
Does the application contain a minimum 1 enhancement, or 1 practice scheduled on the pasture land use?	YES	20
	NO	0