CONSERVATION PRACTICE ADOPTION MOTIVATIONS SURVEY - VERSION 3 GRAZING PRACTICES

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United States Department of Agriculture



NATIONAL AGRICULTURAL STATISTICS SERVICE

USDA/NASS

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1. Have you grazed livestock on your operation in the last 10 years?

INCLUDE land you own or rent and graze or have grazed livestock on.

EXCLUDE land you rented out to someone else to use for grazing.

- ¹³⁰ $_1$ Yes Go to Section 1 on page 2
- ³ No Complete Item 1a below, then go to Section 14 on page 32
- a. What is the current status of the operation?
 - $_1$ Out of business

131

- 2 All land is leased out
- 4 No grazing livestock in the last 10 years but still in business

After completing Item 1a above, go to Section 14 on page 32.

Section 1 - Land Use and Livestock

Please report farm/ranch land owned, rented, or used in your operation.

All land includes all cropland, idle land, Conservation Reserve Program (CRP), pastureland, woodland, wasteland, farmstead, acres used for crop/livestock production facilities, and all other building sites associated with this operation.

Grazing land includes permanent pasture, rangeland, and woodland pastured.

December 31, 2023?

1.	On December 31, 2023, how many acres did this operation:	All Land (Acres)	Grazing Land (Acres)
	a. Own? +	901	2800
	b. Rent or lease from others or use rent free? INCLUDE any short term leases or land used on an animal unit month (AUM) basis	132	2801
	c. Rent to others?	905	2802
2.	Calculate Items 1a + 1b - 1c. Then the total acres operated on December 31, 2023, was	900	102
3.	How many acres of grazing land, operated on December 31, 2023, were irrigated in at least 2 of the past 4 years? Do not include cropland even if crop residues or small grains were grazed.		2803
4.	Of the total acres operated, how many acres are considered:		Acres
	a. Cropland, including land in hay, summer fallow, cropland idle, and cropland in programs?	•	101
	b. Woodland, not pastured?		103
	c. Other land?		104
5.	Of the total acres operated, how many acres were enrolled in the Conservation R Program (CRP), Wetland Reserve Program (WRP), Farmable Wetlands Program Conservation Reserve Enhancement Program (CREP), Agricultural Conservation Program (ACEP, WRE, ALE) and Farm and Ranch Lands Protection Program (Fl	n (FWP), n Easement	107

6. Report the total number of livestock and poultry, by type, on your operation on December 31, 2023. If you do not know the total number of animals, please provide an estimate.

		Number
a.	Beef cows - INCLUDE beef heifers that have calved. EXCLUDE heifers that have not calved, steers, calves, and bulls.	108
		109
b.	Milk cows - INCLUDE any dry cows. EXCLUDE any heifers not yet freshened	
C.	Other cattle and calves - INCLUDE fed cattle, beef and dairy cull animals, stockers and feeders, veal calves, etc.	110
		111
d.	All hogs and pigs	
e.	All Poultry - INCLUDE layers and pullets, including table and hatching, turkeys, broilers, other chickens, ducks, etc.	112
f.	All other livestock, please specify ²⁶⁰² INCLUDE goats, sheep, etc.	2603

 During 2023, did this operation produce organic products according to USDA's National Organic Program (NOP) standards or have acres transitioning into USDA NOP production?
 EXCLUDE processing and handling.

106

1 🗌 Yes

з 🗌 No

Section 2 - Approach to Conservation

1. In this survey, conservation practices refer to actions taken, or new technologies adopted to conserve soil, water, or wildlife habitat on your grazing operation. Report your agreement or disagreement with the following statements about your approach to using conservation practices.

		Agree	Neither Agree nor Disagree	Disagree
2605	I seek out information about conservation practices and their implementation	1	2	3
2804	I generally adopt new conservation practices before other ranchers or grazing land managers in my local area	1	2	3
2805	I experiment with new conservation practices on grazing land that I manage	1	2	3
2608	I do not implement new conservation practices unless I know that they will increase my profit or reduce my workload	1	2	3
2609	I am willing to adopt conservation practices that improve environmental quality, even if they do not increase my profit or reduce my workload	1	2 🗌	3
2610	I am willing to adopt conservation practices that protect my investment in the land, even if they do not increase my profit or reduce my workload	1	2	3
2611	I am willing to adopt conservation practices that preserve land for the next generation, even if they do not increase my profit or reduce my workload	1	2	3

- 2. Thinking in general about the conservation practices that you have used on your grazing land, what are your objectives when deciding to use conservation practices? Select all that apply.
 - 2806
 - Improving forage production or forage quality
 - ²⁸⁰⁷ Improving long-term productivity
 - ²⁸⁰⁸ Enhancing soil health or soil quality
 - 2809 Reducing erosion
 - 2666 Supporting wildlife habitat
 - ²⁶⁶⁸ Improving water quality in the area (e.g., avoiding polluting streams, rivers, and lakes)
 - 2669 Sequestering carbon
 - ²⁸¹⁰ Mitigating the effects of drought
 - ²⁸¹¹ Maintaining or improving scenery or beauty of the grazing land
 - ²⁶⁷² Enhancing recreational opportunities such as hunting

Section 3 - Technical Assistance

1. Have you ever received technical assistance (expertise or information) for conservation on grazing land you operate from any federal, state, local university, or other source?

INCLUDE

- Expertise or information provided for planning or implementing conservation practice or designing, laying out, or installing conservation structures
- Expertise or information from a government agency, private consultant, or other technical expert that may be paid or free
- Expertise or information from private technical service providers (TSPs) that is reimbursed by federal, state, or local governments

EXCLUDE financial assistance that helps defray the cost of installing or implementing conservation practices.

200

1 🗌 Yes - Continue

- ₃ 🗌 No Go to Item 1b
- a. Have you received technical assistance for conservation from any of these sources? Select all that apply.



203

201

Federal agencies

State or local agencies

Private sources

b. Report your agreement or disagreement with the following statements about technical assistance on your grazing land.

		Agree	Neither Agree nor Disagree	Disagree	N/A
204	Technical assistance is available to me	1	2	3 🗌	
2678	I am comfortable using free technical assistance from federal government employees	1	2	3 🗌	
2679	I am comfortable using free technical assistance from non- federal government sources	1	2	3 🗌	
207	I have never sought any form of technical assistance	1	2	3 🗌	
2812	I tried to get free technical assistance from the federal government but could not	1	2	3	4
2813	I tried to get free technical assistance from a non-federal government source but could not	1	2	3	4
209	I received technical assistance and it was beneficial	1	2	3 🗌	4
2814	I received technical assistance but it took too long	1	2	3	4
2677	I received technical assistance but it did not meet my needs	1	2	3 🗌	4

Section 4 - Herd Composition and Animal Performance Goals

 Please answer the following about any domestic livestock that grazed on your operation in 2023. INCLUDE all grazing operations, regardless of land ownership, lease, rent or permit status. EXCLUDE animals that grazed only on crop residues or annuals including small grains.

	Cattle	Sheep	Goats	Other
Peak number on operation during 2023	320	321	322	323
Number of separate grazing herds	324	325	326	327
Average number of pastures (fenced areas of pasture, rangeland, or woodland that can be grazed separately) used for grazing each herd	300	301	302	303
Average number of acres for grazing each herd	304	305	306	307
This livestock operation is primarily for breeding (e.g., cow/calf)	³⁰⁸ ₁ Yes ₃ No	³⁰⁹ ₁ Yes ₃ No	³¹⁰ ₁ 🗌 Yes ₃ 🗌 No	³¹¹ ₁ 🗌 Yes ₃ 🗌 No
This livestock operation is primarily for stockers (non-breeding animals)	³¹² ₁ 🗌 Yes ₃ 🗌 No	³¹³ ₁ 🗌 Yes ₃ 🗌 No	³¹⁴ ₁ Yes ₃ No	³¹⁵ ₁ 🗌 Yes ₃ 🗌 No
This livestock operation is a mix of breeding and stockers	³¹⁶ ₁ 🗌 Yes ₃ 🗌 No	³¹⁷ ₁ 🗌 Yes ₃ 🗌 No	³¹⁸ ₁ 🗌 Yes ₃ 🗌 No	³¹⁹ ₁ 🗌 Yes ₃ 🗌 No

2. Do you have a breeding herd that grazed on your operation in 2023?

2815

1 🗌 Yes - Continue

³ No - Go to Item 4 on page 7

3. Complete the following table for breeding livestock grazed on your operation in 2023.

	Cattle	Sheep	Goats	Other
Average mature sire (bull, ram, etc.) weight in pounds	332	333	334	335
	336	337	338	339
Average mature breeding female (cows, ewes, etc.) weight in pounds	550	337	550	555
Current percentage breeding crop (calving rate/lambing rate/etc.)	340	341	342	343
Desired percentage breeding crop	344	345	346	347
Average age in months at weaning	348	349	350	351
Average weight in pounds at weaning	352	353	354	355

4. Complete the following table for stockers or non-breeding livestock on your operation in 2023.

	Cattle	Sheep	Goats	Other
Average weight in pounds of stockers or other non- breeding livestock when placed	2816	2817	2818	2819
Average number of days stockers or other non-breeding livestock were on the operation	2820	2821	2822	2823
Average weight in pounds of stockers or other non- breeding livestock when removed	2824	2825	2826	2827

5. When you select animals to purchase, please rate the importance of each factor.

		Important	Neither Important Nor Unimportant	Unimportant
368	Breed	1	2	3
369	Genetics	1	2	3
370	Ease of gain	1	2	3
371	Age	1	2	3
373	Open (not pregnant)	1	2	3
374	Pregnant	1	2	3

6. When you decide to reduce herd size or de-stock, please rate the importance of each factor.

		Important	Neither Important Nor Unimportant	Unimportant
376	Weather	1	2	3
377	Forage quantity and/or quality	1	2	3
378	Animal behavior	1	2	3
379	Animal age, gain, breed-back success	1	2	3
2828	Favorable market prices	1	2	3

Section 5 - Grazing Management

1. Tell	us about your basic grazing management.
a. N	My stocking rate is based on: (Select all that apply.)
4	□ Historical rates for the area
2	²⁸²⁹ ☐ My experience with my grazing land
4	Available forage determined by weighing
2	Available forage estimated using other methods
b. I	move livestock based on: (Select all that apply.)
4	□ Calendar dates
4	DI Plant height
2	Other methods of forage monitoring
2	Availability of drinking water

		Numb	er of Days
C.	During the growing season, I typically rest my grazing land (no grazing). (If you do not rest your grazing land during the growing season, enter zero.)	2833	
d.	During the dormant season, I typically rest my grazing land (no grazing). (If you do not rest your grazing land during the dormant season, enter zero.)	2834	
e.	I stockpile grass for dormant season grazing (stockpiling is leaving grass standing for dormant season grazing).	2835	1 🗌 Yes 3 🗌 No
		2836	1 🗌 Yes
f.	I feed hay during the dormant season.	2837	3 No
g.	I have access to emergency forage in the event of drought or other feed shortage		3 🗌 No
		2838	1 🗌 Yes
h.	I reduce my herd size in the event of a drought or other feed shortage	407	3 🗌 No
i.	I keep records and use them to improve/adapt my management decisions	107	1 🗌 Yes 3 🗌 No
		406	1 🗌 Yes
j.	My management decisions are affected by lease, permit, or regulatory restrictions		3 🗌 No

2. A grazing plan identifies how you intend to manage the harvest of vegetation with grazing and/or browsing animals. It typically captures the following six items: stocking rates, timing, duration and frequency of grazing, a contingency plan for unforeseen events, and a forage monitoring plan.

Based on this description, do you have a written grazing plan?

408

1 Yes - Go to Item 3

 $_3$ \Box No - Complete Item 2a below, then go to Section 6 on page 13

a. Please report your agreement or disagreement with the following statements about a written grazing plan.
 My reasons for not using a written grazing plan include:

		Agree	Neither Agree nor Disagree	Disagree
412	Written plans cannot cover every situation	1	2	3
413	No reason to change my grazing management	1	2	3
2839	It costs too much money	1	2	3
2840	Too much time or effort	1	2	3
416	I did not receive technical assistance	1	2	3
417	I did not receive financial assistance	1	2	3
2841	Not required by regulation	1	2	3

After completing Item 2a above, go to Section 6 on page 13.

3. Does your written grazing plan have a contingency plan for unforeseen events, such as drought, fire, or flood?

1 🗌 Yes

з 🗌 No

4.	What year did you first follow your written grazing plan?	year	422	
			400	1

- a. In the first year, what percentage of your grazing land was in your written grazing plan?
- b. In the first year, did you receive technical or financial assistance?
 - INCLUDE technical assistance from a government agency, private consultant, or other technical expert.

%

%

432

		-		
	Did you receive technical assistance?	Did you receive financial assistance?	How many acres had financial assistance?	Percentage of total cost covered by financial assistance
Developing and writing a grazing management plan	⁴²⁴ ₁ Yes ₃ No	425 ₁	426	427 %
Implementing a written grazing management plan	428 ₁	429 ₁	430	431 %

i. What percentage of financial assistance came from federal sources?

INCLUDE Natural Resources Conservation Service, U.S. Forest Service, Bureau of Land Management, Bureau of Indian Affairs, and Fish & Wildlife Service.

EXCLUDE assistance from state or local agencies.

Enter 0 if no financial assistance was received from federal sources.

c. My reasons for developing and using a written grazing management plan include:

		Agree	Neither Agree nor Disagree	Disagree
433	Addressing conservation needs	1	2	3
434	Used successfully by others	1	2	3
2843	Higher net return on grazing	1	2	3
2844	Preserving long-term productivity	1	2	3
436	Anticipated saving time or effort	1	2	3
437	Availability of technical assistance	1	2	3
438	Availability of financial assistance	1	2	3
439	Required by regulation (e.g. for BLM or USFS allotments)	1	2	3

- 5. Since you first began using a written grazing plan, have you expanded the percentage of grazing land covered by the plan?
 - 442
- 1 🗌 Yes Continue 3 🗌 No Go to Item 6
- a. Did you receive the following for expanding the use of your grazing management plan?

	Did you receive technical assistance?	Did you receive financial assistance?	How many acres had financial assistance?	Percentage of total cost covered by financial assistance
Developing and writing a grazing management plan	⁴⁴³ ₁ Yes ₃ No	⁴⁴⁴ 1 2 Yes 3 2 No	445	446 %
Implementing a written grazing management plan	447 ₁ Yes 3 No	448 ₁	449	450 %

i. What percentage of financial assistance came from federal sources?

INCLUDE Natural Resources Conservation Service, U.S. Forest Service, Bureau of Land Management, Bureau of Indian Affairs, and Fish & Wildlife Service.

EXCLUDE assistance from state or local agencies.

Enter 0 if no financial assistance was received from federal sources. %

451

%

b. My reasons for expanding use of my written grazing management plan included:

		Agree	Neither Agree nor Disagree	Disagree
452	Successfully addressed conservation need(s)	1 🗌	2	3
458	Unified management of all grazing lands	1	2	3
2845	Increased net return on grazing	1	2	3
2846	It helps preserve long-term productivity	1	2	3
455	Saving time or effort	1	2	3
456	Availability of technical assistance	1	2	3
457	Availability of financial assistance	1	2	3

- 6. In 2023, on what percentage of your grazing land did you follow your written grazing plan? Enter 0 if you did not use your grazing plan in 2023.
 - a. If you reported less than 100% in Item 6 above, did the plan exclude any of the following categories of land?
 - Leased from private landowner
 - Leased or permitted from a State agency
 - Permitted from a Federal agency (e.g. BLM, USFS)

⁴²¹ ₁ **∏ Yes**

3 🗌 No

b. If you did not use a written grazing plan in 2023 (reported 0% in Item 6 above), do you plan to do so again within 3 years?

460

1 🗌 Yes - Go to Section 6 on page 13 3 🗌 No - Continue

c. My reasons to stop using my written grazing management plan included:

		Agree	Neither Agree nor Disagree	Disagree
461 Adapting to changing condit	ions was a challenge	1	2	3
462 Other federal benefits do no	t depend on use of grazing plan	1	2	3
463 Monitoring required too muc	h time or effort	1	2	3
464 Monitoring did not help me r	nake better decisions	1	2	з 🗌
465 Technical assistance ended		1	2	3
⁴⁶⁶ Financial assistance ended		1	2	3
⁴⁶⁷ Financial assistance did not	cover enough of the cost	1	2	3

Section 6 - Brush and Weed Control

1. Have either of the following practices been used on grazing land you own or lease during the past 15 years? Follow the instructions at the end of the table.

	Land Owned	Land Leased
Brush control - The management, control or removal of woody plants (shrubs, trees, cacti) including invasive, noxious, or undesirable plants.	⁵⁰¹ ₁ 🗌 Yes ₃ 🗌 No	⁵⁰² ₁ 🗌 Yes ₃ 🗌 No
Weed control - The management, control or removal of non-woody plants (grasses, herbs), including invasive, noxious, or undesirable plants.	⁵⁰³ ₁ 🗌 Yes ₃ 🗌 No	⁵⁰⁴ ₁ 🗌 Yes ₃ 🗌 No

If you answered "Yes" to any of the above questions in Item 1, go to Item 2. If you answered "No" to all of the above questions in Item 1, continue.

a. Please report your agreement or disagreement with the following statements about brush (woody plants) and weed (non-woody plants) control. Complete the table below then go to Section 7 on page 15.

My reasons for not taking action to control brush (woody plants) or weeds (non-woody plants) include:

		Agree	Neither Agree nor Disagree	Disagree
505	Brush (woody plants) and/or weeds (non-woody plants) are not a problem on my grazing land	1 🗌	2	3
506	It costs too much money	1	2	3
2847	Too much time or effort	1	2	3
508	I did not receive technical assistance	1	2	3
509	I did not receive financial assistance	1	2	3
510	The brush (woody plants) and weed (non-woody plants) issues are too extensive to treat effectively	1 🗌	2	3

After completing the above table, go to Section 7 on page 15.

2. Complete the table below for the methods used to control brush and weeds.

	Brush (woody plants)		Herbaceous Weeds (non-woody plants)		
	512	1 🗌 Yes	516	1 🗌 Yes	
Mechanical		3 🗌 No		3 🗌 No	
	2848	1 🗌 Yes	2849	1 🗌 Yes	
Chemical, broadcast		3 🗌 No		3 🗌 No	
	2850	1 🗌 Yes	2851	1 🗌 Yes	
Chemical, spot spray		3 🗌 No		3 🗌 No	
	514	1 🗌 Yes	518	1 🗌 Yes	
Biological		3 🗌 No		3 🗌 No	
	515	1 🗌 Yes	519	1 🗌 Yes	
Controlled burning		3 🗌 No		3 🗌 No	

a.	Over the past 15 years, on what percentage of your grazing land have you removed or managed brush (woody plants)?	520 %	%
b.	Over the past 15 years, on what percentage of your grazing land have you controlled herbaceous (non-woody plants) weeds?	521 9	%

3. To control brush (woody plants) and weeds (non-woody plants), have you received technical or financial assistance at any time during the past 15 years?

	Did you receive technical assistance?	Did you receive financial assistance?	How many acres had financial assistance?	Percentage of total cost covered by financial assistance
Brush (woody plants) control	⁵²² 1 🗌 Yes	⁵²³ 1 🗌 Yes	524	525
	3 🗌 No	3 🗌 No		%
Weed (non-woody plants) control	⁵²⁶ 1 Yes	⁵²⁷ 1 Yes	528	529
	3 🗌 No	3 🗌 No		%

 What percentage of financial assistance came from federal sources?
 INCLUDE Natural Resources Conservation Service, U.S. Forest Service, Bureau of Land Management, Bureau of Indian Affairs, and Fish & Wildlife Service.

EXCLUDE assistance from state or local agencies.

a. My reasons for taking action to control brush (woody plants) or weeds (non-woody plants) include:

		Agree	Neither Agree nor Disagree	Disagree
2852	Improving forage production or quality	1	2	3
2853	Higher net return on grazing	1	2	3
2854	Preserving long-term productivity	1	2	3
533	Used successfully by others	1	2	3
534	Availability of technical assistance	1	2	3
535	Availability of financial assistance	1	2	3
536	Wildlife habitat improvement	1	2	3

Section 7 - Drinking Water and Source Water for Livestock

1. Please report your agreement or disagreement with the following statements about your livestock watering system.

		Agree	Neither Agree nor Disagree	Disagree
2855	Livestock water is adequately spread throughout grazing areas	1	2	3
2856	Grazing is fairly uniform between watering points	1	2	3
2857	Around ponds or streams used for livestock water, soil is protected from erosion	1 🗌	2	3
603	My livestock water system delivers all the drinking water needed (I do not need to haul water)	1 🗌	2	3
604	I do not have an adequate water source and must haul water to my range or pasture	1	2	3
2858	I cannot haul water and, therefore, do not graze land that could be grazed	1	2	3

2. In 2023, which of the following structures or facilities did you use to make water available to livestock?

		Jsed on peration?	Number on land owned by you?	Number on land leased from others, including federal/state lands?
Pond/dirt tank/stock tank (earthen storage and/or drinking	605	1 🗌 Yes	606	607
structures)		3 🗌 No		
	608	1 🗌 Yes		
Pipeline		3 🗌 No		
	2859	1 🗌 Yes	2860	2861
Pumping plant or water pump		3 🗌 No		
	614	1 🗌 Yes	615	616
Spring development		3 🗌 No		
	617	1 🗌 Yes		
Stream		3 🗌 No		
Storage tank (concrete, galvanized, poly, or other non-	620	1 🗌 Yes	621	622
earthen water storage)		3 🗌 No		
	623	1 🗌 Yes	624	625
Livestock trough		3 🗌 No		
	2862	1 🗌 Yes	2863	2864
Water well		3 🗌 No		

3. On grazing land you own, did you build, re-build, or improve livestock water system structures, at any time during the past 15 years?

EXCLUDE routine maintenance of existing water system structures

- ²⁸⁶⁵ $_{1}$ Yes Go to Item 3b $_{3}$ No Complete Item 3a below, then go to Section 8 on page 18
- a. Please report your agreement or disagreement with the following statements about building, re-building, or improving your livestock drinking water systems.

My reasons for not building, re-building or improving livestock drinking water systems include:

		Agree	Neither Agree nor Disagree	Disagree
639	My existing water systems are adequate	1	2	3 🗌
2866	It costs too much money	1	2	3 🗌
641	Required permits were difficult or costly to obtain	1	2	3 🗌
2867	I did not receive technical assistance	1	2	3
642	I did not receive financial assistance	1	2	3
643	Financial assistance would not cover enough of the cost	1	2	3

After completing Item 3a above, go to Section 8 on page 18.

b. For the water system structures you built, re-built, or improved, did you receive technical or financial assistance?

	Did you build, rebuild, or improve structures?	Did you receive technical assistance?	Did you receive financial assistance?	How many acres of grazing land were benefited?	Percentage of total cost covered by financial assistance
Pond/dirt tank/stock tank (earthen)	⁶⁴⁶ ₁ Yes ₃ No	647 ₁ Yes 3 No	⁶⁴⁸ ₁ 🗌 Yes ₃ 🗌 No	649	650 %
Pipeline	⁶⁵¹ ₁ 🗌 Yes ₃ 🗌 No	⁶⁵² ₁ Yes ₃ No	⁶⁵³ ₁ 🗌 Yes ₃ 🗌 No	654	655 %
Pumping plant	⁶⁵⁶ ₁	657 ₁ Yes 3 No	⁶⁵⁸ ₁ 🗌 Yes ₃ 🗌 No	659	660 %
Springs	⁶⁶¹ ₁	⁶⁶² ₁ Yes ₃ No	⁶⁶³ ₁ 🗌 Yes ₃ 🗌 No	664	665 %
Watering facility (storage tank or trough)	⁶⁶⁶ ₁	⁶⁶⁷ ₁ Yes ₃ No	⁶⁶⁸ ₁	669	670 %
Water well	⁶⁷¹ ₁ 🗌 Yes ₃ 🗌 No	672 ₁ Yes 3 No	⁶⁷³ ₁ Yes ₃ No	674	675 %

i. What percentage of financial assistance came from federal sources?

INCLUDE Natural Resources Conservation Service, U.S. Forest Service, Bureau of Land Management, Bureau of Indian Affairs, and Fish & Wildlife Service.

EXCLUDE assistance from state or local agencies.

c. My reasons for building, re-building, or improving livestock drinking water systems include:

		Agree	Neither Agree nor Disagree	Disagree
677	Some parts of my water systems failed	1 🗌	2	3
2868	Encourage more uniform grazing	1	2	3
2869	Improve long-term productivity	1 🗌	2	3
679	Improving livestock drinking water quality	1 🗌	2	3
681	Provide drinking water for wildlife	1	2	3
682	Availability of technical assistance	1 🗌	2	3
683	Availability of financial assistance	1	2	3

Section 8 - Controlled Burning (Prescribed Burning)

1. Have you ever used controlled burning on your grazing operation?

⁷⁰⁰ $_1$ \square Yes - Go to Item 2 $_3$ \square No - Complete Item 1a below, then go to Section 9 on page 22

a. Please report your agreement or disagreement with the following statements about controlled burning.

My reasons for not using controlled burning include:

		Agree	Neither Agree nor Disagree	Disagree
702	Not needed on the type of grazing land I have	1	2	3
2870	Potential liability from escaped fire is too high	1	2	3 🗌
703	Regulations effectively prohibit burning	1	2	3
2871	Smoke bothers nearby residents	1	2	3
2872	It costs too much money	1	2	3 🗌
2873	Too much time or effort	1	2	3
707	I did not receive technical assistance	1	2	3 🗌
708	I did not receive financial assistance	1	2	3 🗌
2726	I could not find a contractor to do the burn	1	2	3

After completing the Item 1a above, go to Section 9 on page 22.

- 2. Did you first use controlled burning more than 15 years ago?
 - 2874
- $_1$ \square Yes Go to Item 5 on page 21 $_3$ \square No Continue

- 3. What year did you first use controlled burning? year
 - a. In the first year, on what percentage of your grazing land did you use controlled/prescribed burning?
 - b. Did you receive technical or financial assistance?

	Did you receive technical assistance?	Did you receive financial assistance?	had financial	Percentage of total cost covered by financial assistance
	⁷¹⁴ 1 🗌 Yes	⁷¹⁵ 1 🗌 Yes	716	717
Controlled/Prescribed burning	3 🗌 No	3 🗌 No		%

%

718

i. What percentage of financial assistance came from federal sources?

INCLUDE Natural Resources Conservation Service, U.S. Forest Service, Bureau of Land Management, Bureau of Indian Affairs, and Fish & Wildlife Service.

EXCLUDE assistance from state or local agencies.

Enter 0 if no financial assistance was received from federal sources.	%
Enter of the initialitial assistance was received from reactal sources.	70

c. My reasons for using controlled burning include:

		Agree	Neither Agree nor Disagree	Disagree
719	Weed and shrub control	1	2	3 🗌
2875	Improving forage production or quality	1	2	3 🗌
2876	Preserving long-term productivity	1	2	3 🗌
722	Used successfully by others in my area	1	2	3
723	Availability of technical assistance	1	2	3
724	Availability of financial assistance	1	2	3
725	Wildlife habitat improvement	1	2	3

4. Since you first began using controlled burning, have you expanded the percentage of grazing land regularly burned?

727

1 🗌 Yes - Continue

 $_3 \square$ No - Go to Item 5 on page 21

a. Did you receive the following for expanding the use of controlled burning?

	Did you receive technical assistance?	Did you receive financial assistance?	How many acres had financial assistance?	Percentage of total cost covered by financial assistance
	⁷²⁸ 1 🗌 Yes	⁷²⁹ 1 🗌 Yes	730	731
Controlled/prescribed burning	3 🗌 No	3 🗌 No		%

i. What percentage of financial assistance came from federal sources?

INCLUDE Natural Resources Conservation Service, U.S. Forest Service, Bureau of Land Management, Bureau of Indian Affairs, and Fish & Wildlife Service.

EXCLUDE assistance from state or local agencies.

	102
Enter 0 if no financial assistance was received from federal sources	%

732

b. My reasons for expanding my use of controlled burning include:

		Agree	Neither Agree nor Disagree	Disagree
733	Weed and shrub control	1	2	3
2877	Improved forage production or quality	1	2	3
2878	Net return to grazing increased	1	2	3
2879	Helps preserve long-term productivity	1	2	3
737	Availability of technical assistance	1	2	3
738	Availability of financial assistance	1	2	3

		2880
5.	On what percentage of your grazing land did you use controlled burning in 2023?	%
	If you reported 100% for Item 5, go to Section 9 on page 22.	

If you reported between 1 and 99% for Item 5, continue. If you reported 0% for Item 5, go to Item 5b.

a. What factors limit your use of controlled burning?

	2881	1 🗌 Yes
Some of my grazing land would not respond well to burning		3 🗌 No
	745	1 🗌 Yes
Burning could expose land to soil erosion		3 🗌 No
	2882	1 🗌 Yes
Because rainfall is limited in my area, forage recovery could be delayed		3 🗌 No
	742	1 🗌 Yes
Some of my grazing lands are too close to urban or suburban areas		3 🗌 No
	741	1 🗌 Yes
Some landlord(s), including state or federal agencies, will not allow it		з 🗌 No
After completing 5a above, go to Section 9 on page 22.		

b. Do you plan to use controlled or prescribed burning again within three years?

2883 1 Yes - Go to Section 9 on page 22 3 No - Continue

c. My reasons for stopping the use of controlled burning include:

		Agree	Neither Agree nor Disagree	Disagree
2884	Did not control weeds or shrubs	1	2	3
2885	Did not improve forage quantity or quality	1	2	3
2886	Potential liability from escaped fire is too high	1	2	3
2887	Smoke bothers nearby residents	1	2	3
2888	I can no longer find a contractor to do the burn	1	2	3
2889	It costs too much money	1	2	3
754	Too much time or effort	1	2	3
755	Technical assistance ended	1	2	3
756	Financial assistance ended	1	2	3
757	Financial assistance did not cover enough of the cost	1	2	3

Section 9 - Forage Improvement or Establishment

1. Have you seeded or re-seeded grazing land at any time during the last 15 years?

	Owne	ed Land	Leas	sed Land
Pasture	2890	1 🗌 Yes	2891	1 🗌 Yes
Pasture is land composed of introduced forage plants used primarily for livestock production.		3 🗌 No		3 🗌 No
Rangeland	2892	1 🗌 Yes	2893	1 🗌 Yes
Rangeland is land where plant cover is primarily native grasses, some introduced grasses (such as crested wheatgrass), grass-like plants, forbs, or shrubs suitable for grazing.		3 🗌 No		3 🗌 No

If you answered 'Yes' to any of the above questions in Item 1, go to Item 2 on page 23. If you answered 'No' to all of the above questions in Item 1, complete Item 1a below, then go to Section 10 on page 24.

a. Please report your agreement or disagreement with the following statements about forage planting.

My reasons for not seeding or re-seeding grazing land include:

	Agree	Neither Agree nor Disagree	Disagree
do not have access to proper equipment	1	2	3
arsh conditions would limit success	1	2	3
ants that would improve forage are not available	1	2	3
costs too much money	1	2	3
oo much time or effort	1	2	3
did not receive technical assistance	1	2	3
did not receive financial assistance	1	2	3
	arsh conditions would limit success ants that would improve forage are not available costs too much money oo much time or effort lid not receive technical assistance	do not have access to proper equipment 1 arsh conditions would limit success 1 ants that would improve forage are not available 1 costs too much money 1 oo much time or effort 1 did not receive technical assistance 1	Image:

After completing Item 1a above, go to Section 10 on page 24.

2. On grazing land that you own, have you received technical or financial assistance during the past 15 years?

	Did you receive technical assistance?	Did you receive financial assistance?	How many acres had financial assistance?	Percentage of total cost covered by financial assistance
	²⁸⁹⁵ 1 🗌 Yes	²⁸⁹⁶ 1 🗌 Yes	2897	2898
Pasture planting	3 🗌 No	3 🗌 No		%
	⁸¹³ ₁ 🗌 Yes	⁸¹⁴ 1 🗌 Yes	815	816
Range planting	3 🗌 No	3 🗌 No		%

i. What percentage of financial assistance came from federal sources?

INCLUDE Natural Resources Conservation Service, U.S. Forest Service, Bureau of Land Management, Bureau of Indian Affairs, and Fish & Wildlife Service.

EXCLUDE assistance from state or local agencies.

a. My reasons for seeding or re-seeding grazing land include:

		Agree	Neither Agree nor Disagree	Disagree
2899	Improve forage production or quality	1	2	3
2900	Improve long-term productivity	1	2	3
820	Improve the species diversity	1	2	3
821	Extend the grazing season	1	2	3 🗌
822	Protect the soil from eroding	1	2	3
823	Availability of technical assistance	1	2	3
824	Availability of financial assistance	1	2	3
825	Used successfully by others	1	2	3

Section 10 - Wildlife Habitat Management

1. Have you ever taken any of the following actions to enhance wildlife habitat on your grazing land? Follow instructions at end of table.

	2901	1 🗌 Yes
Delayed entry of livestock into specific grazing lands		3 🗌 No
	2902	1 🗌 Yes
Changed the duration of grazing		3 🗌 No
	2903	1 🗌 Yes
Changed how often livestock return to specific grazing lands		3 🗌 No
	903	1 🗌 Yes
Modified existing fences to allow for safer wildlife passage		3 🗌 No
	904	1 🗌 Yes
Moved livestock drinking water to trough(s) off-stream or away from ponds		3 🗌 No
	949	1 🗌 Yes
Added escape ramps or other safety structures to livestock troughs		3 🗌 No
	906	1 🗌 Yes
Planted areas with wildlife-friendly vegetation		3 🗌 No
	907	1 🗌 Yes
Controlled undesirable plants to improve quality or connectivity of wildlife habitat		3 🗌 No

If you answered "Yes" to any of the above questions in Item 1, go to Item 3 on page 25. If you answered "No" to all of the above questions in Item 1, continue.

2. Please report your agreement or disagreement with the following statements about wildlife habitat management. Complete the table below then go to Section 11 on page 27.

My reasons for not taking action to improve wildlife habitat include:

		Agree	Neither Agree nor Disagree	Disagree
908	Habitat is too broken up from development or issues beyond my control	1	2	3
1160	Habitat quality is already good	1	2	3
1161	It costs too much money	1	2	3
2904	Too much time or effort	1	2	3
1163	It would take away forage/water resources from my livestock	1	2	3
1164	I did not receive technical assistance	1	2	3
1165	I did not receive financial assistance	1	2	3
	After completing the table above, go to Section 11 on	page 27		

- 3. Did you take actions to enhance wildlife habitat on grazing land in 2023?
 - ¹¹⁶⁷ 1 🗌 Yes Continue 3 🗌 No Go to Item 4
 - a. On what percentage of your grazing land have you taken actions to enhance wildlife habitat on grazing land? INCLUDE changes in grazing management intended to benefit wildlife. ...

%

1169

1173

- - a. For the first year, did you receive technical or financial assistance?

	Did you receive technical assistance?	Did you receive financial assistance?	How many acres had financial assistance?	Percentage of total cost covered by financial assistance
	¹¹⁷⁰ 1 🗌 Yes	⁹²¹ ₁ 🗌 Yes	1171	1172
Wildlife habitat management	3 🗌 No	3 🗌 No		%

i. What percentage of financial assistance came from federal sources?

INCLUDE Natural Resources Conservation Service, U.S. Forest Service, Bureau of Land Management, Bureau of Indian Affairs, and Fish & Wildlife Service.

EXCLUDE assistance from state or local agencies.

Enter 0 if no financial assistance was received from federal sources. %

b. My reasons for enhancing wildlife habitat include:

		Agree	Neither Agree nor Disagree	Disagree
1174	I like to see wildlife	1	2	3
1175	My friends or I enjoy hunting	1	2	3
1176	I lease land or allow access for hunting	1	2	3
1177	Availability of technical assistance	1	2	3
1178	Availability of financial assistance	1	2	3
1179	Regulation requires habitat conservation/preservation	1	2	3

5. Since the first year you took action to enhance wildlife habitat, have you expanded habitat-enhancing actions to a larger share of your grazing land?

932

938

1 🗌 Yes - Continue

3 🗌 No - Go to Item 6

a. To expand your use of habitat-enhancing actions, have you received technical or financial assistance?

	Did you receive technical assistance?	Did you receive financial assistance?	had financial	Percentage of total cost covered by financial assistance
Wildlife habitat management - INCLUDE changes in grazing management intended to benefit wildlife.	⁹³³ ₁	⁹³⁴ ₁ 🗌 Yes ₃ 🗌 No	935	936 %

i. What percentage of financial assistance came from federal sources?

INCLUDE Natural Resources Conservation Service, U.S. Forest Service, Bureau of Land Management, Bureau of Indian Affairs, and Fish & Wildlife Service.

EXCLUDE assistance from state or local agencies.

6. If you did not take habitat-enhancing actions in 2023, do you plan to do so again within 3 years?

Ves - Go to Section 11 o	n nage 27	🛛 🗌 No - Continue
🛛 🗌 Yes - Go to Section 11 o	in page z <i>r</i> 3	B 🔄 NO - Continue

a. My reasons for stopping action to enhance wildlife habitat include:

		Agree	Neither Agree nor Disagree	Disagree
939	Habitat is already spoiled by development or issues beyond my control	1	2	3
940	Wildlife has not increased	1	2	3
941	Habitat did not improve	1	2	3
942	It costs too much money	1	2	3
943	Too much time or effort	1	2	3
944	Technical assistance ended	1	2	3
945	Financial assistance ended	1	2	3
946	Financial assistance did not cover enough of the cost	1	2	3

Section 11 - Conservation Stewardship Program Participation

- 1. Are your grazing lands currently, or have they ever been, enrolled in the Conservation Stewardship Program (CSP)?
 - 1100

ँ₁ 🗌 Yes - Continue

3 🗌 No - Go to Section 12 on page 28

a. Have you received financial assistance through the CSP for the enhancement of an annual practice on any lands within your grazing operation?

¹¹⁰¹ ₁ <u>Yes - Continue</u> ₃ <u>No - Go to Section 12 on page 28</u>

b. Please provide the number of acres where you received financial assistance through CSP for applying an enhancement on grazing lands for any of the following purposes.

	Acres	Percentage of Cost Covered by CSP Payment
Grazing plan	1102	1103 %
Brush or weed control	1104	1105 %
Controlled or prescribed burning	1106	1107 %
Forage improvement or establishment	1108	1109 %
Wildlife habitat management	1110	1111 %
Supplementation (mineral; energy) for livestock distribution	1114	1115 %
Monitoring - collection of plant or animal data to determine if objectives are being met	1116	1117 %
Collection and analysis of fecal matter to improve forage/livestock management	1118	1119 %

Se	ction 12 - Demographics
1.	Please answer the following for the operator:
	a. What is the operator's sex?
	2 🗌 Female
	b. What was the operator's age on December 31, 2023?
	c. Is the operator of Hispanic, Latino or Spanish origin? $_1 \square$ Yes $_3 \square$ No
	d. What is the operator's race? Select all that apply.
	913
	⁹¹⁴ Black or African American
	⁹¹⁵ D American Indian or Alaska Native
	⁹¹⁶ Asian
	917
	e. Has the operator ever served on active duty in the U.S. Armed Forces, Reserves or National Guard?
	⁹¹⁸ 1 D Never served in the military
	₂ Only on active duty for training in the Reserves or National Guard
	₃ Now on active duty
	$_4$ \Box On active duty in the past, but not now
2.	How many years have you been continuously managing a forest, farm or ranch operation?
3.	At which occupation did the operator spend the majority (50 percent or more) of his/her time in 2023?
	⁹²⁰ ₁ Forestry, farm or ranch work
	² Work other than forestry, farming or ranching
4.	Is the operator retired from forestry, farming or ranching? 1212 1 🗌 Yes 3 🗌 No

- 5. What is the highest level of formal education the operator has achieved?
 - 922
- 1 Less than high school diploma
- ² High school
- ³ Some college (include associates degree)
- ⁴ Four-year college graduate and beyond
- 6. In 2023, what was this operation's legal status for tax purposes? Select one answer only.

923	1 🗌	Family or individual operation - EXCLUDE partnerships and corporations.			
	2	Partnership operation - INCLUDE family partnerships - If option 2 is selected	d:		
		Is this partnership registered under state law?	924	1 🗌 Yes	3 🗌 No
	з 🗌	Incorporated under state law - If option 3 is selected:			
		Is this a family held corporation?	925	₁ 🗌 Yes	3 🗌 No
		Are there more than 10 stockholders?	926	1 🗌 Yes	з 🗌 No
	4	Other - If option 4 is selected:			
		Estate or trust	927	₁ 🗌 Yes	3 🗌 No
		Grazing association, government facility or American Indian reservation	928	₁	з 🗌 No
		Other, specify type:	930	1 🗌 Yes	з 🗌 No

Section 13 - Value of Sales

1. Please classify this operation in terms of the gross value of sales and government agricultural payments in 2023.

INCLUDE:

- sales of all the crops, livestock, poultry, and livestock products (milk, eggs, etc.) sold in 2023
- the value of hay, silage, and other crops harvested in 2023, but not sold
- the value of all crops, livestock and poultry produced under contract in 2023
- landlord's share of government payments and crops sold in 2023

EXCLUDE dollars received on land rented to others.

٦	fotal Value					Code
\$	0		\$	999	1	
\$	1,000		\$	9,999	2	
\$	10,000		\$	49,999	3	
\$	50,000		\$	99,999	4	
\$	100,000		\$	249,999	5	
\$	250,000		\$	499,999	6	
\$	500,000		\$	999,999	7	
\$	1,000,000		\$	4,999,999	8	
\$	5,000,000	and o	ove	er	9	



2. Of the farm or ranch income reported, which of these categories represents the largest percentage of the gross income from the operation?

Code

1 –	Grains, Oilseeds, Dry Beans, and Dry Peas (corn, flaxseed, grain silage and forage, grains and oilseeds, popcorn, rice, small grains, sorghum, soybeans, sunflowers, straw, etc.)	1 🗆	
2 –	Торассо	2 🗆	
3 –	Cotton and Cottonseed	3 🗆	
4 –	Vegetables, Melons, Potatoes and Sweet Potatoes	4 🗆	
5 –	Fruit, Tree Nuts and Berries	5 🗆	
6 –	Nursery, Greenhouse, Floriculture and Sod (bedding plants, bulbs, cut flowers, flower seeds, foliage plants, mushrooms, nursery potted plants, shrubbery, sod, etc.)	6 🗆	
7 –	Cut Christmas Trees and Short Rotation Woody Crops	7 🗆	Farm Type Code
8 –	Other Crops and Hay, CRP and Pasture (grass seed, hay and grass silage, hops, maple syrup, mint, peanuts, sugarcane, sugarbeets, CRP, etc.)	8 🗆	862
9 –	Hogs and Pigs	9 🗆	
10 —	Milk and Other Dairy Products from Cows	10 🗆	
11 —	Cattle and Calves	11 🗆	
12 –	Sheep, Goats, and their Products (wool, mohair, milk and cheese)	12 🗆	
13 –	Horses, Ponies, and Mules (burros and donkeys)	13 🗆	
14 –	Poultry and Eggs (broilers, chickens, turkeys, ducks, eggs, emus, geese, hatchlings, ostriches, pigeons, pheasants, quail, poultry products, etc.)	14 🗆	
15 –	Aquaculture	15 🗆	
16 –	Other Animals and Other Animal Products (honey bees, honey, rabbits, fur-bearing animals, semen, manure, other animal specialties, etc.)	16 🗆	

Section 14 - Conclusion											
1. Has this operation (name on label) been se	old, or turned ove	r to so	meone	else?							
$_1$ \Box Yes - Identify the new operator(s	s) below ₃ □ No -	Go to	Item 2								
Operation Name:	Operation Name:										
Operator Name:			<u></u>				_				
Address:							_				
City:		State:		Zip	D:		_				
Phone: ()		□ C	heck if ce	ll phone							
a. Did this person operate land individuall					🗌 Yes	_] No				
 Contact Information: Operator Email: 		Oper	ator Pho	nne:							
9929	Check to receive	9918					Check if				
	results by email						cell phone				
		(_)								
Operation Email: (if different from above)		Opera	ation Ph	one: (if diff	erent from	n abov	ve)				
9937	Check to receive results by email	9936					Check if cell phone				
Respondent Name: Respondent Phone: (if different from above)											
9912	9911			Check if cell phone	9910 MN	I DE) YY				
() Date:											
This completes the survey. The results will be available on the release date at nass.usda.gov/results. Thank you for your help.											

OFFICE USE ONLY													
Response Respondent Mode			Enum.	Eval.	R. Unit	Change	Office Use for POID						
1-Comp 2-R 3-Inac 4-Office Hold 5-R – Est 6-Inac – Est 7-Off Hold – Est	9901	1-Op/Mgr 2-Spouse 3-Acct/Bkpr 4-Partner 9-Other	9902	1-PASI (Mail) 2-PATI (Tel) 3-PAPI (Face-to- Face) 6-Email 7-Fax 19-Other	9903	9998	9900	9921		9989 9907		nal Use 9906	9916
S/F Name													