## **MSU - Social Wellbeing Survey**

Start of Block: CONSENT FORM

## Q1.1 Grazing practices and associated wellbeing outcomes for beef producers

Below outlines the consent information for participants of this study - bear with us, we know it's long!

**Lead Researcher and Title:** Jennifer Hodbod, Assistant Professor, Department of Community Sustainability, Michigan State University <u>jhodbod@msu.edu</u>

Sponsor: NC SARE

**BRIEF SUMMARY OF WHAT YOU WILL BE ASKED TO DO:** You are being asked to participate in a research study exploring the ecological, social, and economic wellbeing outcomes on pasture-based beef farms. Your participation in this online survey will take 20 minutes - you will be asked to answer questions about your life satisfaction, health, perceptions of financial security, information networks, and values.

**P**URPOSE OF RESEARCH: You have been selected as a participant in this study because you run a grazing-based beef operation in Michigan. From this study, the researchers hope to learn about which grazing methods support holistic wellbeing and the barriers and conduits to scaling up the grazing methods that support the highest levels of wellbeing. In the entire study, 60 people are being asked to participate.

**POTENTIAL RISKS:** The potential risks of participating in this survey are that answering these questions could cause personal distress. However, I am not asking questions aimed to assess your mental health, rather I am interested in how being a farmer impacts your wellness, sense of community, and personal goals. These topics should not cause emotional harm. All information will be de-identified after collection.

**POTENTIAL BENEFITS:** The potential benefits to you for taking part in this survey are increased awareness of the concept of and your own social wellbeing.

PRIVACY AND CONFIDENTIALITY: The data for this project will be kept confidential. All data associated with you will be coded and a key kept separately, so there will be no direct identifying information within the data, such as your name. The data will be kept for three years after the study closes and only the Human Research Protection Program and research team will have access – Drs. Hodbod, McKendree, Raven, Ms. Collela, and Mr. Vivas. All data will be encrypted and stored in password-protected file structures. Information about you will be kept confidential to the maximum extent allowable by law. The results of this study may be published

or presented at professional meetings but without direct identifying information.

YOUR RIGHTS TO PARTICIPATE, SAY NO, OR WITHDRAW: Participation is voluntary. You have the right to say no. You may change your mind at any time and withdraw. You may choose not to answer specific questions or to stop participating at any time.

**COSTS AND COMPENSATION FOR BEING IN THE STUDY:** You will not receive money or any other form of compensation for participating in this survey.

**RESEARCH RESULTS:** All participants will receive the overall study findings.

**FUTURE RESEARCH:** Information that identifies you will be removed from the wellbeing dataset. After such removal, the wellbeing data could be used for future research studies or distributed to another investigator for future research studies without additional informed consent from you.

**CONTACT INFORMATION:** If you have concerns or questions about this study, such as scientific issues, how to do any part of it, or to report an injury, please contact the researcher (Dr. Jenny Hodbod, jhodbod@msu.edu, 480 278 1790, 480 Wilson Rd, Rm 310B, East Lansing MI 48824). If you have questions or concerns about your role and rights as a research participant, would like to obtain information or offer input, or would like to register a complaint about this study, you may contact, anonymously if you wish, the Michigan State University's Human Research Protection Program at 517-355-2180, Fax 517-432-4503, or e-mail irb@msu.edu or regular mail at 4000 Collins Rd, Suite 136, Lansing, MI 48910.

**DOCUMENTATION OF INFORMED CONSENT:** By clicking on the 'Yes' button below, you indicate your voluntary agreement to participate in this online survey.

I voluntarily agree to participate in this research study	
O Yes, I consent (1)	
O No, I do not consent (2)	

## Display This Question:

If Grazing practices and associated wellbeing outcomes for beef producersBelow outlines the consent... = No, I do not consent

Q1.2 Thank you for your interest, but all participants must provide consent to access the survey.

Skip To: End of Survey If Thank you for your interest, but all participants must provide consent to access the survey. Displayed

**End of Block: CONSENT FORM** 

**Start of Block: Purpose and Meaning** 

Q2.1 The first four blocks of questions come from a well-used wellbeing assessment tool called PERMA. PERMA explores how emotions and life purpose intersect, both of which are foundational to understanding wellbeing.

**End of Block: Purpose and Meaning** 

**Start of Block: PERMA B1** 

Q3.1 Please	e answer t	the following	questions	with a 0	to 10 scal	e, where	0 indicates	Never	and
10 indicates	s Always								

	0 (Never) (1)	1 (2)	2 (3)	3 (4)	4 (5)	5 (6)	6 (7)	7 (8)	8 (9)	9 (10)	10 (Always) (11)
How much of the time do you feel you are making progress towards accomplishing your goals? (1)	0	C	C	C	C	C	C	C	C	С	0
How often do you become absorbed in what you are doing? (2)	0	C	C	C	C	C	C	C	C	С	0
In general, how often do you feel joyful? (3)	0	C	C	C	C	C	C	C	C	С	0
In general, how often do you feel anxious? (4)	0	C	C	C	C	C	C	C	C	С	0
How often do you achieve the important goals you have set for yourself? (5)	0	C	C	C	C	C	C	C	C	С	0

End of Block: PERMA B1

**Start of Block: PERMA B5** 

Q4.1 Please answer the following questions w	th a 0 to 10 scale	, where 0 indicates	Never	and
10 indicates Always				

	0 (Never) (1)	1 (2)	2 (3)	3 (4)	4 (5)	5 (6)	6 (7)	7 (8)	8 (9)	9 (10)	10 (Always) (11)
In general, how often do you feel positive?	0	(	(	(	(	(	(	(	(	С	0
In general, how often do you feel angry? (2)	0	(	(	(	(	(	(	(	(	С	$\circ$
How often are you able to handle your responsibilities?	0	C	(	C	C	C	C	C	(	С	0
In general, how often do you feel sad? (4)	0	(	(	(		(	(		(	С	$\circ$
How often do you lose track of time while doing something you enjoy? (5)	0	(	(	(	C	(	(	C	C	С	0

End of Block: PERMA B5

**Start of Block: PERMA B3** 

Q1 Please answer the following questions with a 0 to 10 scale, where 0 indicates Not al all and 10 indicates completely

	0 (Not at all) (1)	1 (2)	2 (3)	3 (4)	4 (5)	5 (6)	6 (7)	7 (8)	8 (9)	9 (10)	10 (Completely) (11)
In general, to what extent do you lead a purposeful and meaningful life? (1)	0	C	C	C	C	C	C	C	C	С	0
To what extent do you receive help and support from others when you need it? (3)	0	C	C	C	C	C	C	C	C	С	0
In general, to what extent do you feel that what you do in your life is valuable and worthwhile? (4)	0	C	C	C	C	C	C	C	C	С	
In general, to what extent do you feel excited and interested in things? (5)	0	C	C	C	C	C	C	C	C	С	0
How lonely do you feel in your daily life?	0	C	C	C	C	C	C	C	C	С	0

(6)

**End of Block: PERMA B3** 

**Start of Block: PERMA B7** 

Q5.1 Please answer the following questions with a 0 to 10 scale, where 0 indicates Not at all and 10 indicates completely

	0 (Not at all) (1)	1 (2)	2 (3)	3 (4)	4 (5)	5 (6)	6 (7)	7 (8)	8 (9)	9 (10)	10 (Completely) (11)
To what extent do you feel loved? (1)	С	C	C	(	C	(	(	C	C	С	0
To what extent do you generally feel you have a sense of direction in your life? (2)	С	C	C	(	C	(	(	C	C	С	0
How satisfied are you with your personal relationships? (3)	С	(	(	(	(	(	(	(	C	С	0
In general, to what extent do you feel contented? (4)	С	(	C	C	C	(	C	(	C	С	$\circ$
Taking all things together, how happy would you say you are? (5)	С	C	C	C	C	C	C	C	C	С	

End of Block: PERMA B7

Start of Block: Health overview

Q6.1 We often think about wellbeing as the experience of health, prosperity, and happiness. The next three blocks of questions ask about your health, first framed broadly to include both physical and mental health, and then more specifically about each.

End of Block: Health overview

Start of Block: General Health + PB4

Q7.1 Please answer the following questions with a 0 to 10 scale, where 0 indicates Terrible and 10 indicates Excellent

	0 (Terrible) (1)	1 (2)	2 (3)	3 (4)	4 (5)	5 (6)	6 (7)	7 (8)	8 (9)	9 (10)	10 (Excellent) (11)
In general, how would you say your health is? (1)	0	C	C	C	C	C	C	C	C	С	0
Compared to others of your same age and sex, how is your health? (2)		C	C	C	C	C	C	C	C	С	0

Q7.2 Hov	v often d	loes be	ing sick	(from a	any cau	ise) ge	in the	way of w	vorking	?	
ON	ever (1)	)									
○ R	arely (2	)									
O se	ometime	es (3)									
O AI	ways (4	1)									
End of B	lock: G	eneral	Health ·	+ PB4							
Start of E	Block: P	hysica	ıl Health	1 + PB2	2						
Q8.1 Plea and 10 in				ıg ques	tions w	ith a 0	to 10 sc	cale, wh	ere 0 in	dicates	Not At All
	0 (Not at all) (1)	1 (2)	2 (3)	3 (4)	4 (5)	5 (6)	6 (7)	7 (8)	8 (9)	9 (10)	10 (Completely) (11)
How satisfied are you with your current physical health?	0	C	С	С	C	C	С	С	С	0	0
(1)											

## Q8.2 How easy is it for you...

	Difficult (1)	Not that easy (2)	Somewhat easy (3)	Very easy (4)
to walk for 1 mile? (1)	0	0	0	0
to lift/carry 20 pounds? (2)	$\circ$	$\circ$	0	$\circ$
to stoop, crouch, or kneel? (3)	$\circ$	$\circ$	$\circ$	$\circ$
usually did on the f		tatement best describ	es the kinds of phys	ical activity you
Once or tw	rice a week, I did li	ght activities. (2)		
O About three	e times a week, I c	did moderate activities	s. (3)	
Almost dai	ly, that is five or m	ore times a week, I d	id moderate activities	S
O About three	e times a week, I c	did vigorous activities.	(5)	
O Almost dai	ly, that is five or m	ore times a week, I d	id vigorous activities	(6)
End of Block: Phy	ysical Health + PE	32		

**Start of Block: Mental Health** 

Q9.1 Plea and 10 in				ng quest	tions w	th a 0 t	o 10 sc	ale, wh	ere 0 in	dicates	Not At All
32	0 (Not at all) (1)	•	2 (3)	3 (4)	4 (5)	5 (6)	6 (7)	7 (8)	8 (9)	9 (10)	10 (Completely) (11)
How satisfied are you with your current mental health?	0	(	C C	С	С	С	С	С	С	0	0
Q9.2 How	v much s	sleep (	do you g	et in a ty	/pical n	ight?					
▼ Less th	nan 3 ho	ours (2	8) Mo	re than	12 hou	rs (26)					
X→											
Q9.3 Duri	ing the la	ast two	o weeks,	how wo	ould yo	u rate y	our sle	ep qual	ity over	all?	
○ Po	oor (4)										
○ Fa	air (3)										
O G	ood (2)										
○ Ve	ery good	d (1)									
		. ,									

Q9.4 If you have children or grandchildren, how anxious are you about their future?
O Never anxious (1)
Rarely anxious (2)
O Sometimes anxious (3)
O Always anxious (4)
O I don't have children (5)
Q9.5 How anxious are you about having access to health care?
O Never anxious (1)
Rarely anxious (2)
O Sometimes anxious (3)
O Always anxious (4)
End of Block: Mental Health
Start of Block: Intro to prosperity
Q10.1 Given there's a separate team looking at economic wellbeing in this project we won't ask too many questions about finances here, but we are interested in your perspective on prosperity, therefore the next block asks about perceptions of financial security.
End of Block: Intro to prosperity
Start of Block: Prosperity

Q11.1 How much do you agree with the following statements:

Compared to 5 years ago, I am financially better off now (8)  Looking at the future, in 5 years I expect my financial situation to improve (9)  My financial situation is a constant source of worry (10)  Regardless of what happens, I have made choices that will help me be		Strongly agree (1)	Agree (2)	Somewhat agree (3)	Neither agree nor disagree (4)	Somewhat disagree (5)	Disagree (6)	Strongly disagree (7)
the future, in 5 years I expect my financial situation to improve (9)  My financial situation is a constant source of worry (10)  Regardless of what happens, I have made choices that will	to 5 years ago, I am financially better off	0	0	0	0	0	0	0
financial situation is a constant source of worry (10)  Regardless of what happens, I have made choices that will	the future, in 5 years I expect my financial situation to	0	0	0	0	0	0	0
of what happens, I have made choices that will	financial situation is a constant source of	0	0	0	0	0	0	0
financially secure (11)	of what happens, I have made choices that will help me be financially	0	0	0	0	0	0	0

**End of Block: Prosperity** 

**Start of Block: Intro to life satisfaction** 

Q12.1 Wellbeing theory teaches us that those who are satisfied with their lives have higher wellbeing. Therefore, the next four blocks build on the earlier purpose questions to assess life satisfaction, then ask about the values and goals that guide you generally in life *and* on the farm. The values are important as we often talk about life satisfaction as living within our values.

End of Block: Intro to life satisfaction

Start of Block: LIFE SATISFACTION

Q13.1 Below are five statements that you may agree or disagree with. Indicate your agreement with each item by choosing the appropriate option. Please be open and honest in your responding.

	Strongly agree (1)	Agree (2)	Somewhat agree (3)	Neither agree nor disagree (4)	Somewhat disagree (5)	Disagree (6)	Strongly disagree (7)
In most ways my life is close to my ideal (1)	0	0	0	0	0	0	0
The conditions of my life are excellent (2)	0	0	0	0	0	0	0
I am satisfied with my life (3)	0	0	$\circ$	$\circ$	0	0	0
So far, I have gotten the important things I want in life (4)	0	0	0	0	0	0	0
If I could live life over, I would change almost nothing (5)	0	0	0	0	0		

**End of Block: LIFE SATISFACTION** 

**Start of Block: Schwartz Values** 

Q14.1 Please rate the importance of the following values as a life-guiding principle for you. Use the 7-point scale in which indicates that the value is opposed to your principles, through to that the value is of the utmost importance for you.

	Opposed to my principles (1)	Not important (2)	Low importance (3)	Slightly important (4)	Moderately important (5)	Very important (7)	Of supreme importance (23)
Social power, authority, wealth - Power (1)	0	0	0	0	0	0	0
Success, capability, ambition, influence on people and events - Achievement (2)	0	0	0	0	0	0	0
Enjoyment in life, self- indulgence, gratification of desires - Hedonism (3)	0	0	0	0	0	0	0
Daring, a varied and challenging life, an exciting life - Stimulation (4)	0	0	0	0	0	0	0
Creativity, freedom, curiosity, independence, choosing one's own goals - Self- direction (22)	0	0	0	0	0	0	0
Broad- mindedness, beauty of nature and arts, social justice, a world at	0	0	0	0	0	0	0

peace, equality, wisdom, unity with nature, environmental protection - Universalism (16)							
Helpfulness, honesty, forgiveness, loyalty, responsibility - Benevolence (17)	0	0	0	0	0	0	
Respect for tradition, humbleness, accepting one's portion in life, devotion, modesty - Tradition (18)	0	0	0	0	0	0	
Obedience, honoring parents and elders, self- discipline, politeness - Conformity (19)	0	0	0	0	0	0	
National security, family security, social order, cleanliness, reciprocation of favors - Security (20)	0	0	0	0	0	0	
End of Block:	Schwartz Val	1105					

**Start of Block: Farmer Motivations** 



Q15.1 What do you consider to be the main measure of success on your farm? Please drag th
following to order them from 1 (most important) to 10 (least important).
Improving soil quality (1)
Personal satisfaction (2)
Participating in my community (4)
Maintaining a healthy herd (5)
Profitability of the farm (6)
Making a living (7)
Keeping the farm (8)
Caring for the environment (9)
Family (10)
Appearance of the farm (11)
End of Block: Farmer Motivations

**Start of Block: Systems Thinking** 

Q16.1 How much do you agree with the following statements?

	Strongly agree (1)	Somewhat agree (2)	Neither agree nor disagree (3)	Somewhat disagree (4)	Strongly disagree (5)
I like to have a well-defined goal for my operation, and make decisions that bring me closer to it (1)	0	0	0	0	0
A successful farmer concentrates on production and is not sidetracked by outside interests or activities (2)					
At a landscape level, decisions are made elsewhere, so my choices don't have a huge effect (3)					
I try to make management decisions so that my operation can mimic nature as much as possible (4)		0			
Economic viability overrides all other farming considerations (5)	0	0	0	0	0
A healthy farm is self-	0	0	$\circ$	0	0

sustaining and needs few inputs to be profitable (6)				
My management decisions have a big impact on the local ecosystem and community (7)	0	0	0	0
We may not be able to solve every problem yet, but science and technology will eventually offer a solution for every problem (8)	0		0	0
Everything on my operation is connected, and even small decisions can have cascading effects in unpredictable way (9)	0			0
End of Block:	Systems Thinking	g		

Start of Block: Intro to information and support

Q17.1 We know that our relationships and networks are important for our wellbeing, providing support and information. We call this relational wellbeing. The next block will ask about where you find information and support related to grazing.

I have not participated in any learning activities in the past 12 months focused on

grazing (10)

Select all that	apply.
	Facebook (1)
	Google or similar online searches (2)
	Instagram (3)
	Michigan State University Extension (4)
	Other State University Extension (5)
	Tik Tok (6)
	Twitter (7)
	YouTube (8)
	Other (i.e. blogs) (9)

at apply	regularly read arry or the following publications to learn about grazing: Select air
	Acres USA (1)
	American Cattlemen Magazine (2)
	Beef Magazine (3)
	Beef Today (4)
	Drovers Magazine (5)
	Feedlot Magazine (6)
	Graze Magazine (7)
	High Plains Journal (8)
	Livestock Today/Weekly (9)
	Michigan Farm News (10)
	Midwest Livestock (11)
	Progressive Cattle (12)
	Working Ranch Magazine (13)
	Other, please specify: (14)
	I don't read any agriculture publications to learn about new grazing methods (15)

Q18.4 Do you regularly talk to people to learn about grazing? Select all that apply.						
	Ag Lender (1)					
	Ag Retailer (2)					
	Cattleman's Association (3)					
	Extension Agents (11)					
	Farm Business Advisors (4)					
	Input suppliers (Feed reps, Animal health sales reps) (5)					
	Other Farmers / Peers (6)					
	State USDA Experts (7)					
	Veterinarian (8)					
	Other, please specify: (9)					
	I don't regularly speak with people to learn about grazing (10)					
End of Block	: Information and Support					
Start of Bloc	k: Intro to overall WB					
Q19.1 Finally, let's think about these pieces all together. We're going to ask you to think about your past, current, and future levels of wellbeing, taking into account your purpose, physical and mental health, prosperity, life satisfaction, and relationships.						
End of Block	:: Intro to overall WB					
Start of Plac	k: OVERALL WR					

Q20.1 How would you describe your current level of wellbeing?
C Excellent (1)
O Very good (2)
○ Good (3)
O Fair (4)
O Poor (5)
O Very poor (6)
Q20.2 How would you describe your level of wellbeing 5 years ago?
O Excellent (1)
<ul><li>Excellent (1)</li><li>Very good (2)</li></ul>
O Very good (2)
<ul><li>Very good (2)</li><li>Good (3)</li></ul>
<ul><li>Very good (2)</li><li>Good (3)</li><li>Fair (4)</li></ul>

vellbeing in 5 years?	
<ul><li>Excellent (1)</li><li>Very good (2)</li></ul>	
○ Good (3)	
O Fair (4)	
O Poor (5)	
O Very poor (6)	
Q20.4 Please think about how important each of the domains of well-being are to your personal vellbeing. Please drag and rank them from most important (1) to least important (6)  Physical Health (1)  Mental Health (2)  Prosperity (3)  Purpose and meaning (4)  Satisfaction with life (5)  Relationships (6)	ป
Start of Block: Demographics	
Q21.1 As normal in surveys, it helps to have some basic demographic information about you when we analyze the data - as a reminder, everything in this survey remains confidential and will never be associated with your name.	

Q20.3 Now think about 5 years from now. Which answer do you think will best describe your

Q21.2 How old are you?
O Under 18 (1)
O 18-24 years old (2)
O 25-34 years old (3)
○ 35-44 years old (4)
○ 45-54 years old (5)
○ 55-64 years old (6)
○ 65+ years old (7)
Q21.3 What is your current marital status?
○ Single (1)
○ Married (2)
O Living with a partner or significant other (3)
○ Widowed (4)
O Divorced (5)
○ Separated (6)

Q21.4 What is the highest level of education you have completed?
O Some high school or less (1)
O High school diploma or GED (2)
O Some college, but no degree (3)
Associates or technical degree (4)
O Bachelor's degree (5)
O Graduate or professional degree (MA, MS, MBA, PhD, JD, MD, DDS etc.) (6)
O Prefer not to say (7)
Q21.5 Are you of Spanish, Hispanic, or Latino origin?
○ Yes (1)
O No (2)

Q21.6 Choose one or more races that you consider yourself to be		
	White or Caucasian (1)	
	Black or African American (2)	
	American Indian/Native American or Alaska Native (3)	
	Asian (4)	
	Native Hawaiian or Other Pacific Islander (5)	
	Other (6)	
	Prefer not to say (7)	
Q21.7 What was your total household income before taxes during the past 12 months?		
O Less than \$25,000 (1)		
\$25,000-\$49,999 (2)		
\$50,000-\$74,999 (3)		
\$75,000-\$99,999 (4)		
\$100,000-\$149,999 (5)		
\$150,000 or more (6)		
O Prefer not to say (7)		
End of Block	: Demographics	