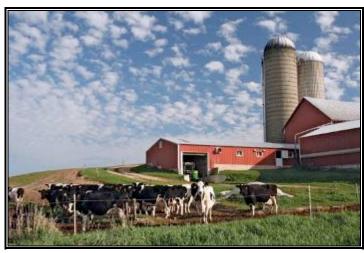
# Feeding Strategies on Wisconsin Dairy Farms: Economic, Production, and Environmental Outcomes













<u>Participation in the study is **voluntary**</u>. All answers to questions in this survey will be kept <u>strictly confidential</u>, and the results will only be used in statistical summaries. Individual farm information will not be identified in any publication. University of Wisconsin-Madison, Social and Behavioral Sciences, IRB Protocol Number SE-2009-0401.

## Consent forms need to be signed prior to the start of the interview

We welcome your comments and suggestions Contact: Victor E. Cabrera 608-265-8506 <u>vcabrera@wisc.edu</u> Contact: Brad Barham 608-265-3090 <u>barham@aae.wisc.edu</u>

ENUMERATOR:	
Date of Survey:	
SURVEY STARTING TIME:	SURVEY ENDING TIME:
FARMER ID#:	

	A. FARM BUSINESS STRUCTURE AND DECISION MAKERS
A.1.	How is your farm business managed? In other words, how are the day to day farm decisions made (Check the one choice that applies best from the following list) Individual Partnership Hired management Other Total respondent
A.2.	Are you an important decision maker on the farm?
	YES , for how many years?
A.3.	How many other people are important decision makers on this operation?
A.4.	<ul> <li>Do you milk your dairy cattle at more than one location?</li> <li>□ 1 = YES</li> <li>□ 0 = NO, SKIP TO A.5</li> <li>A.4.1. Do you consider the cows in the different location(s) part of the same herd?</li> <li>□ YES, for the rest of the survey we would like you to answer the questions for the whole herd SKIP TO A.5</li> <li>□ NO, continue</li> <li>A.4.2. Do you use the same land to feed those different herds?</li> <li>□ YES, for the rest of the survey we would like you to talk about the different herds as if they would be only one and tell us about all of the land used for the different herds.</li> </ul>
	☐ NO, for the rest of the survey we would like you to focus only on your main herd and the land you use to feed it.
	How many cows you milk at the other location?  How far away is the other location?
A.5.	Do you use grazing?  □ 1 = YES, continue to A.6  □ 0 = NO, <b>SKIP TO A.7</b> if they do not graze
A.6.	How often are cows moved to a fresh pasture during the primary grazing season (May 1 to Oct 15)?
<b>A.7.</b>	Are you or have you been certified organic? $\Box 0 = \text{No}$ , we have never been certified
	$\Box$ 1 = Yes, we are currently certified organic. What year did your farm become certified?
	$\square$ 2 = We are transitioning into organic. What year did you start transitioning?

 $\square$  3 = We used to be certified, but are no longer certified as of (month and year)

#### **A.8.** LAND

**A.8.1.** For the cropping season of 2010, how many acres of crop and pasture did you own/rent/operate?

		Cropland (acres)	Pasture (acres)
	Land owned	A811a	A812a
+	Land rented	A811b	A812b
-	Land rented out	A811c	A812c
Total =	Land operated	A811d	A812d

<b>.8.2.</b> How many a	cres of woodland do	o you have?
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- **A.8.3.** How many acres of non agricultural land besides woodland do you have?
- **A.8.4.** In January 2010, how many acres did you have in the Conservation Reserve Program?

В.	P1	$\mathbf{F}\mathbf{O}$	PI	$\mathbf{F}$	$\mathbf{ON}$	THE	FAL	<b>2M</b>
D.			4 -	1 1 1				Z   V

**B.1.** YOU AND YOUR FAMILY (INCLUDE NON-FAMILY MEMBERS WHO LIVE IN THE FARM HOUSE AND WORK ON THE FARM)

**Codes:** 

**B.1.1.** Let's talk about family members and other people who live in the farm house and work on the farm. Use the following codes to fill the table below. Indicate off-farm work <u>only</u> for individuals over 18.

	Relationship: 1: Respondent; 2. Respondent-Spouse; 3: Child of Respondent; 4: Parent of Respondent;									
<b>5</b> :	5: Sibling of Respondent; 6: Cousin of Respondent; 7: Other Family; 8: Other (specify:).									
1:	Education: 1: Less than high school; 2: High school diploma or equivalency (GED); 3: Tech school, apprenticeship or some college; 4: University Short Course; 5: Completed 4 year degree (BA or BS) 6: Graduate school.									
#	Name (first name, last name)	Participating in interview	Principal decision maker	Role/ Relation- ship	Age	Gender	Education	Off- farm work		
1		□ YES □ NO	□ YES □ NO			□ M □ F		□ YES □ NO		
2		□ YES □ NO	□ YES □ NO			□ M □ F		□ YES □ NO		
3		□ YES □ NO	□ YES			□ M □ F		□ YES □ NO		
4		□ YES □ NO	□ YES			□ M □ F		□ YES □ NO		
5		□ YES □ NO	□ YES □ NO			□ M □ F		□ YES □ NO		
6	6									
	<b>B.1.2.</b> Were you raised on a far $\square$ 1 = YES; $\square$ 2 = NO, but I spent si $\square$ 3 = NO, and I did not	ignificant time								

				What kin	nd of operation (chec	k all that app	ly) How l	_
as or da	ssistant, in r salaried	re you ever an ntern, apprentice worker on a ? (full or part-	□ YES	$\Box 2 = Gra$ $\Box 3 = Org$	<b>C</b> ,			
de as or da	ecision n ssistant, in r salaried	s the other main naker ever an itern, apprentice worker on a ? (full or part-	□ YES	$\Box 2 = Gra$ $\Box 3 = Org$	•		_)	
					OPLE WHO WORK ion for ALL individ			
`arm	fa n Tasks (in	rm with the code	es below apply): 1: M	Milking; 2	of all family member: Feeding; 3: Calf car		•	
arm	fa  Tasks (in eaning; 7:	rm with the code	es below  apply): 1: 1  Manure ha	Milking; 2:	: Feeding; <b>3</b> : Calf car Other (specify:		•	
'arm	fa  Tasks (in eaning; 7:	rm with the code  nclude all that a  Maintenance; 8:	es below  apply): 1: 1  Manure ha	Milking; 2:	: Feeding; <b>3</b> : Calf car Other (specify:		ork; <b>5</b> : Pastur	
arm	fa Tasks (in eaning; 7: FAMI	rm with the code  nclude all that a  Maintenance; 8:	es below  apply): 1: 1  Manure ha	Milking; 2:	: Feeding; <b>3</b> : Calf car Other (specify:	re; <b>4</b> : Field w	ork; <b>5</b> : Pastur	
'arm	fa Tasks (in eaning; 7: FAMI	rm with the code  nclude all that a  Maintenance; 8:	es below  apply): 1: 1  Manure ha	Milking; 2:	: Feeding; <b>3</b> : Calf car Other (specify:	re; <b>4</b> : Field w	ork; <b>5</b> : Pastur	
'arm	fa Tasks (in eaning; 7:  FAMI #	rm with the code  nclude all that a  Maintenance; 8:	es below  apply): 1: 1  Manure ha	Milking; 2:	: Feeding; <b>3</b> : Calf car Other (specify:	re; <b>4</b> : Field w	ork; <b>5</b> : Pastur	
`arm	fa Tasks (in eaning; 7:  FAMI # 1 2	rm with the code  nclude all that a  Maintenance; 8:	es below  apply): 1: 1  Manure ha	Milking; 2:	: Feeding; <b>3</b> : Calf car Other (specify:	re; <b>4</b> : Field w	ork; <b>5</b> : Pastur	

**B.3.2.** Fill in the table with information of all NON FAMILY PAID FARM WORKERS. Group people by common farm tasks.

## **NON FAMILY PAID** FARM WORKERS

Farm tasks	Number of people	Total hours/week	Weeks/year
1: Milking			
2: Feeding			
3: Calf care			
4: Field work			
5: Pasture work			
6: Cleaning			
7: Maintenance			
8: Manure handling			
9: Other (specify:)			
<b>10</b> : Other (specify:)			
11: Other (specify:)			

			C	. I	<b>AIRY</b>	HE	RD AN	ID I	MANA	GEN	MENT			
C.1.	Dairy hero		ny dairy	cows	s (lactati	ng an	nd dry) d	o yo	u have? _					_
	<b>C.1.2.</b> Ho	w ma	ny heife	rs do	you hav	e?								
	<b>C.1.3.</b> Ho	w ma	ny dairy	bulls	for natu	ıral s	ervices d	lo yo	u have?					
C.2.	Do you ha	ve an	v cross ł	oreed	in vour	dairv	herd?							
> <b></b> -	□NO		-					)						
	$\square$ YES,													
							·							
C <b>.3.</b>	Please fill cows) and					breed	l cows in	you	r dairy h	erd:	number (	of an	imals (la	actating and d
		Но	olstein	Red	Holstein	Gu	ernsey	J	ersey	Ay	rshire		Brown Swiss	Milking Shorthorn
cow	mber of vs (lactating dry)													
lact	erage ating cow y weight													
C <b>.4.</b>	What is th	e stru	cture of	your	dairy he	rd? F	ill in the	tabl	e with the	e nur	nber of c	ows	in each	group.
	Un-we heifer (calv	S (#)	Open H		Bred He		1 <sup>st</sup> lact	(#)	2 <sup>nd</sup> , 3 <sup>rd</sup> lact. (		5 <sup>th</sup> , 6 lact. (		7 <sup>th</sup> lact	
C <b>.5.</b>	How many	/ lacta	ations do	es an	average	cow	on your	farn	n have be	fore	you deci	de to	cull it?	
C <b>.6.</b>	What is th	e avei	rage len	gth of	the dry	perio	d for you	ar he	rd?			da	ıys	
C <b>.7.</b>	What is th	e avei	rage leng	gth of	the lacta	ation	for your	hero	1?			lays		
C <b>.8.</b>	What is th	e calv	ing inte	rval ii	n your he	erd? _				days	1			
C <b>.9.</b>	How many	/ time	s do you	ı milk	per day	?			times					
C.10.	What is th	e rolli	ing herd	avera	ige of yo	our he	erd (RH <i>A</i>	A)? :			(□ lb/co	w/ye	ear or $\square$	lb/cow/day)
			-		- •		`				-	•		• /

		Year 2009			Year 2010		
	_	December (09)	January	February	March	April	May
Milk Price Received	(\$/cwt milk)						
Milk	☐ lb/month☐ lb/cow/d						
Check month filled for	or items below						
Butterfat	(%)						
Protein	(%)						
Somatic cell count	(x 1,000)						
Milk urea nitrogen	(mg/dl)						
				Year 2010	(continue)		
		June	July	August	September	October	Novembe
Milk Price Received	(\$/cwt milk)				-		
Milk	☐ lb/month☐ lb/cow/d						
Check month filled f	or items below						
Butterfat	(%)						
Protein	(%)						
Somatic cell count	(x 1,000)						
Milk urea nitrogen	(mg/dl)						
	NO, how many YES, describe YES, March	dry cows do yo your seasonal pr	ogram by f	illing the tab		odes below.	
			V	hen do they	calve?	-	
				ows	Heifers	-	
	Calving s	season 1 (months				_	
	-	season 2 (months				_	

C.14.	What do you do with the animals that of	do not fit in	to your seasonal	program? (Che	eck all that apply)
	Cows			Heifers	
	☐ 1 = Sold for dairy ☐ 2 = Held for next calving seas ☐ 3 = Sold for meat ☐ 4 = Other:	on	☐ 1 = Sold for ☐ 2 = Held for ☐ 3 = Sold for ☐ 4 = Other:	dairy next calving se	ason
C.15.	Please provide a breakdown of the met	thods used t	to breed your co	ws and heifers?	(Check all that apply)
	Insemination method Natural Service Artificial insemination Synchronization and timed an Clean-up bull	rtificial inse		Cows H	leifers  □ □ □ □ □
C.16.	What was the percentage of cows getti	ng pregnan	t at the first inse	mination servic	e in 2010?
C.17.	How many cows aborted in 2010?				
C.18.	What is the average age of first calving	g of your he	eifers?	months	
C.19.	How many animals left the herd (were	culled or d	ied) in 2010 and	what were the	reasons?
		Cows	Bred heifers	Open heifers	Un-weaned heifers
Тс	otal number of animals left				
Lo	ow production				
Lo	ow fertility/did not get pregnant				
	alving-related problems (e.g. dystocia, ilk fever, metritis)				
	esh cow problems (ketosis, DA, cess loss of body condition)				
M	astitis				
La	aminitis / lameness				
Inj	jury				
Pn	eumonia or Diarrhea				
Ot	her health problems:				
Di	ed				

C.20. How many animals have been purchased or sold for dairy purposes in 2010?								
		Cows	Un-weaned heifers	Open heifers	Bred heifers			
	# animals purchased							

# animals sold

## D. FEEDING MANAGEMENT

In this part of the survey, we will talk about your feeding management. It will help if you have feed analysis reports.

**D.1.** Use the following table to list and describe how you divide your herd into separate feeding groups?

#	Description of the feeding group	Average # of animals	Use of pasture?
1			□ YES □ NO
2			□ YES □ NO
3			□ YES □ NO
4			□ YES □ NO
5			□ YES □ NO
6			□ YES □ NO
7			□ YES □ NO
8			□ YES □ NO
9			□ YES □ NO
10			□ YES □ NO

D.2.	For this question, we would consider the dry cows as Ol For each feeding group, if group. If mixed feeds are i	NE fee ill in	eding g one <u>ta</u>	roup a	nd the lelow. I	lactatir Please	ng cow	s as Ol the la	NE (at a	most T g grou	WO) f	eeding	groups	١.
	N	ame o	of feed	ing gr	oup: _					_				
	Number of animal	$s \rightarrow$												
			1	2	3	4	5	6	7	8	9	10	11	12
				l .					<i>'</i>			zing ti		12
Pasture	Quantity (lb/cow/day)  Percentage (% total feed)  Hours (hour/day)													
			Fee		ount fi o/cow/			s, Con	centr	ates a	nd oth	ner Suj /day a	pplem	ents
		    		J/COW/	uay as	o ieu	20	010	<u> </u>	otai id	yuay a	s ieu		
	Name and description of feed	Purchased? Yes ⊠	1	2	3	4	5	6	7	8	9	10	11	12
			[ ]											
ıte			   											
Concentrate			   											
Cone			   											
Forages			     											
Fo			   											
in			   											
Vit and min			     											
Vit a			     											

			2.2											
	Number of animal			ing gr	oup: _									
	Number of animal	.5 ->						20	10					
			1	2	3	4	5 From 6	6	7	8	9	10	11	12
Pasture	Quantity (lb/cow/day) Percentage (% total feed) Hours (hour/day)			re	ed am	ount 1	rom g	grazing	gacuv	ily ar	ia gra	zing ti	me	
	(nour/day)	<u>/////</u>	Fee					s, Con	centr			er Suj		ents
	N 11 2	ed? 1			o/cow/	day as	ted	20	010	<u> </u>	otai ib	/day a	s ted	
	Name and description of feed	Purchased? Yes ⊠	1	2	3	4	5	6	7	8	9	10	11	12
										<u> </u>				
ate														
Concentrate														
Cor														
es														
Forages														
1 min														
Vit and min														

Name of feeding group:    Number of animals	time	12
1   2   3   4   5   6   7   8   9   10	time	
1 2 3 4 5 6 7 8 9 10	time	
Feed amount from grazing activity and grazing	time	
Quantity (lb/cow/day)   Percentage (% total feed)   Hours (hour/day)	upplement	\ta
Name and description of feed		)tc
Name and description of feed   Section   Sec		
Name and description of feed    Solid   Solid	as icu	118
Concentrate		
Concentrate	11 1	12
Concentrate		
Concentrat		
8		
Forages — — — — — — — — — — — — — — — — — — —		
· · · · · · · · · · · · · · · · · · ·		
Vit and min		
\Air \Air \air \air \air \air \air \air \air \a		

	1
Name of the mix	Composition

D.	3. Fill in the table below the names of the purcha	about the fee used feeds fro	ed purcha om tables	ased (for feedi D.2.	ng in	2010). Sta	art by con	npleting t	the row with
	Unit codes = Pounds, 2 = Tons, 3 = Bu pounds/bales), 6 = I	shels, <b>4</b> = Sr Load (	nall squa pou	re bales ( nds/load); 7 =	p Othe	ounds/bale er:	s), <b>5</b> = Ro	ound bales	S
	Name of feed and description	Total quantity in 2010	Unit	Total cost (\$)	OR	Average price (\$/unit)	Dry Matter (%)	Crude Protein (% of DM)	Phosphorus (% of DM)
tes									
ntra									
Concentrates									
C									
SS									
Forages									
Fo									
Vit and Min									
and									
Vit									
									1.0

D.4.	•	u have and use a TN No, <b>SKIP TO D.5</b> Yes	MR m	ixer to	prepare	yo	ur rations?			
	□ All □ On	period of the year d the year ly during the grazin ly during the winter	g seas		eed for y	oui	r herd?			
	□ Oth	ner:						_		
	<b>D.4.3.</b> What	animal feeding grou	ıp (fro	m D.1	l), do yo	u fe	eed mixed rat	ion?		
D.5.	☐ Almost never, <b>SKIP TO D.7</b> ☐ Once a year ☐ Twice a year ☐ Between twice and five times a year ☐ More than five times a year									
D.6. D.7.	☐ Cheaper al ☐ Cheaper al ☐ A way to p ☐ A way to r ☐ A way to r ☐ Other, exp	try alternative feeds' ternative to corn ternative to soybear provide additional number duce nutrient excreduce feed costs lain:	n mea utrien etion	l ts sucl	ı as fat, ı	min				
	BST	Monensin	Ι	Dietary	/ fat	A	Amino acid su	pplement	Other:	
	YES □ NO	☐ YES ☐ NO			□NO		□ YES [	□NO		
D.8.		ve animal nutrition a e table below how r			per year	the	se services ar	e provided		
					Feed analys		Ration balancing		on on new feed natives feeds	
	Veterinaria	an								
	County extension agent									
	County ex									
	Dairy or li	tension agent								
	Dairy or li	tension agent vestock nutritionist								

Health conditions	Is this or ha ever been problem	1 a l li Yes	, explain your feeding s to address this concern	iix the problem?
1= Milk Fever	☐ YES ☐ NO			☐ YES ☐ NO
	□YES			☐ PARTIALLY ☐ YES
2= Ketosis	□ NO			□ NO □ PARTIALLY
	☐ YES			☐ YES
3= Mastitis	□NO			□ NO □ PARTIALLY
4= Twisted Stomach or	☐ YES			□ YES
Displaced abomasum	□NO			□NO
	□YES			☐ PARTIALLY ☐ YES
5= Laminitis/lameness	□ NO			□ NO □ PARTIALLY
	□ YES			☐ YES
6= Rumen acidosis	□NO			□NO
	□YES			☐ PARTIALLY ☐ YES
7= Diarrhea				□ NO
,	□NO			□ PARTIALLY
	☐ YES			□ YES
8= Other ()	□NO			□ NO □ PARTIALLY
10. Are you using any of the		Do you use thi indicator on you farm?	s If yes, how many t	r feeding program? imes in 2010 I your ration
Milk production or other sources)		Do you use thi indicator on you farm?  □YES □NO	s If yes, how many to have you changed	r feeding program? imes in 2010 I your ration
Milk production (		Do you use thi indicator on you farm?	s If yes, how many to have you changed	r feeding program? imes in 2010 I your ration
Milk production (or other sources)		Do you use thi indicator on you farm?  □YES □NO □YES	s If yes, how many to have you changed	r feeding program? imes in 2010 I your ration
Milk production (or other sources) Milk fat test	(from DHIA	Do you use thi indicator on you farm?  □YES □NO □YES □NO □YES	s If yes, how many to have you changed	r feeding program? imes in 2010 I your ration
Milk production or other sources) Milk fat test Milk protein test	(from DHIA	Do you use thi indicator on you farm?  □YES □NO □YES □NO □YES □NO □YES □NO □YES	s If yes, how many to have you changed	r feeding program? imes in 2010 I your ration

	E. PASTURE MANAGEMENT
E.1.	Do you estimate pasture production?  □ 0 = NO □ 1 = YES → How often?  How? Check all that apply: □ Visual estimate □ Height □ Historical yields □ Pasture stick □ Pasture plate meter □ Clipped samples □ Other:
E.2.	Do you estimate pasture residual dry matter?  □ 0 = NO □ 1 = YES → How often?  How? Check all that apply: □ Visual estimate □ Height □ Historical yields □ Pasture stick □ Pasture plate meter □ Clipped samples □ Other:
E.3.	How do you provide access to water for grazing animals on pasture? (Check all that apply)  ☐ None-they return to milking/housing facilities for water  ☐ Use water wagon to transport water to paddocks  ☐ Water piped to paddocks-grazing season only (above ground or shallow buried pipe)  ☐ Water piped to paddocks, permanent, year round system  ☐ Natural water sources (creeks, springs, streams, ponds, etc.)  ☐ Other
E.4.	Do you utilize a follower herd to manage pasture?  □ 0 = NO □ 1 = YES→ Describe.
E.5.	How would you describe your lanes or walkways for cows between milking facility and pastures? Check all that apply:  None used Unimproved dirt lanes Improved dirt lanes (graded) Improved gravel lanes Other Other

	<b>S</b>			LEGUMES						
0 = None		8	8 = Quackgrass	0= none						
1 = Annu	al (Italian) ryeş	grass	9 = Small grains (oats, wheat, rye, barley	1 =Alfalfa						
2 = Festul	lolium		10 = Smooth bromegrass	2 = Alsike clover						
	icky bluegrass		11 = Sorghum sudangrass	3 = Birdsfoot trefoil						
4 = Mead	ow fescue		12 = Tall fescue	4 = Kura clover						
5 = Orchardgrass			13 = Timothy	5 = Red clover						
	nial ryegrass		4 = Native warm season grass 6 = White clover							
7 = Reed	canarygrass		15 = Other forage grass	7 = Other:						
	at do you cons choices?	sider to be	the best grasses and legumes for your opera	tion? Why are these grasses yo						
	1 <sup>st</sup> Choice		Why are these grasses and legumes yo	our top choices?						
Grass										
Legume										
2 <sup>nd</sup> Choice Why are these grasses and legumes your top choices?										
Grass										
Legume										
	3 <sup>rd</sup> Choice		Why are these grasses and legumes yo	our top choices?						
Grass										
Legume										
E.7. Wh	at grasses and	legumes h	ave you tried that you would not use again, v	vhy?						
	What speci			•						
Grasses	What speed	ics: (code.	willy would you not us	e them ugum.						
Legumes										
7 Q XX7L	ot gragge or 1s	agumag xxa	u would like to try, why?							
E <b>.8.</b> Wh	at grasses of le	eguilles yo	u would like to try, why?							
	What speci	ies? (codes	Why are you interested in t	rying this species?						
Grasses										

	A	nimal Feeding Gro	oup
	1	2	3
Avg. body weight during grazing season, lb			
SPRING (April-June):			
□ acres □ acres/head			
Initial turn-in date, 2009			
Initial turn-in date, 2010			
Pastures, paddocks, strips, or subdivisions			
Days in each pasture, paddock, strip, or subdivision			
Spring pasture rest interval, days			
Target turn in grazing height, inches			
Γarget residual grazing height, inches			
SUMMER (July-August):			
□ acres □ acres/head			
# Pastures, paddocks, strips, or subdivisions			
Days in each pasture, paddock, strip, or subdivision			
Summer pasture rest interval, if different than spring, days			
Summer target turn in grazing height, (if different than spring, inches)			
Summer target residual grazing height, (if different than spring, inches)			
FALL (September-December):		1	l
□ acres □ acres/head			
# Pastures, paddocks, strips, or subdivisions			
Days in each pasture, paddock, strip, or subdivision			
Fall pasture rest interval, days			
Fall target turn in grazing height (if different than spring or summer), inches			
Fall target residual grazing height (if different than spring or summer), inches			
Last date grazed in 2009			
Last date you expect to graze in 2010			

$\mathbf{F}$	IAND		ACEMENT	AND	CDODDING	OPERATION
г.		JIVIAIN.	ALTRAVIRANI	ANI	CROPPING	OPERALION

F.1.	Describe the <u>crop sequences</u> (rotations) that you use in your farm. Make sure you indicate comanure crops interwoven in the summer / fall between the main crops. Use a slash (/) to scrop and cover crop the same year. If the same crop is in the sequence for several years, write of the year after the code. Then tell us how many acres you have in each crop sequence.  This in an example of a 5 year rotation: Corn, Soybean/Winter rye, Corn Silage, Alfalfal, Alfalfal, Alfalfal, Corn, Soybean/Winter rye, Corn Silage, Alfalfal, Alfalfal, Alfalfal, Alfalfal, Alfalfal, Corn, Soybean/Winter rye, Corn Silage, Alfalfal, Corn, Soybean/Winter rye, Corn Silage, Corn, Soybean/Winter rye, Corn Silage, Corn, Soybean/Winter rye, Corn, Soybean/Winter										
	Crop sequence 1:						;	acres			
	Crop sequence 2:						;	acres			
	Crop sequence 3:						;	acres			
F.2.	For each crop seq crop sequence	-	·								
Тур	e of harvest Code: 1	= Hay; <b>2</b> =	Haylage or Si	lage; $3 = Gra$	ain; 4 = Gree	en chop; $5 = 0$	Grazed; <b>6</b> =	Not harvested			
			CRO	P SEQUEN							
Nan	ne of the crop	Total	Harvest	Acres harvested	Number of cuts	Yie		% of dry			
		acres	(Code)	narvested	or cuts	Quantity	Units	matter			
-											

CROP SEQUENCE 2										
Name of the crop	Total	Harvest	Acres	Number	Yie		% of dry			
	acres	Code	harvested	of cuts	Quantity	Units	matter			
CROP SEQUENCE 2										
		CRO	P SEQUEN	CE 2						
Name of the crop	Total	Harvest	Acres	Number	Yie		% of dry			
Name of the crop	Total acres				Yio Quantity	eld Units	% of dry matter			
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						
Name of the crop		Harvest	Acres	Number						

**F.3.** What types of pastures and grazeable forages do you use? (Use the following <u>Pasture/Forage codes</u> to complete the table)

Pasture / Forage Category	Grasses	Legumes
1=Unimproved or native permanent	0= None	0= None
pastures	1= Annual (Italian) ryegrass	1=Alfalfa
2=Improved permanent pastures	2= Festulolium	2=Alsike clover
(have had legumes or grasses	3=Kentucky bluegrass	3= Birdsfoot trefoil
planted at some time)	4= Meadow fescue	4=Kura clover
3=Cropland converted to pastures	5= Orchardgrass	5=Red clover
4=Hayfields in cropping rotation also	6= Perennial ryegrass	6=White clover (also Ladino clover)
used as pasture for all or part of	7= Reed canarygrass	7=Other legume
grazing season	8= Quackgrass	/-Other legume
5=Annual forage crops	9= Small grains (oats, wheat, rye, barley)	
6=Warm season native grass pastures	10= Smooth bromegrass	
7= Woodland pastures ( $\geq$ 40% trees)	11= Sorghum sudangrass	
8=Crop residues	12= Tall fescue	
9=Other (get description from farmer	13= Timothy	
to clarify:	14= Native warm season grass	
to clarity.	15= Other forage grass	

Pasture	Pasture/	s/	Maj	Major plant species:		Pasture used by whi group (Those descri	Harvested	
#	Forage category (codes)	Acres	Grasses (codes)	Legumes (codes)	% legumes	Primary feeding group	Other feeding groups	Yields
				, ,		0 1		Ton of dry matter/acre
P1								
P2								
Р3								
P4								
P5								
P6								
P7								
P8								
P9								
P10								

crops identif	ried in F.2 and p	asture identif	ied in	F.3.					
		Crops by type of harvest (e.g: corn silage, corn grain)							
Seeds	☐ \$/acre ☐ Total \$								
Fertilizers	☐ \$/acre ☐ Total \$								
Weed control	□ \$/acre □ Total \$								
Pest control	□ \$/acre □ Total \$								
Irrigation	□ \$/acre □ Total \$								
Custom harvesting	□ \$/acre □ Total\$								
Custom labor	☐ Hours ☐Hour/acre								
	\$/hour								
Storage & Transportation	☐ \$/acre ☐ Total \$								
					F	asture			
		Grazing			Hay	Silage	e/Haylage	Gr	een chop
Seeds	□ \$/acre □ Total \$								
Fertilizers	□ \$/acre □ Total \$								
Weed control	☐ \$/acre ☐ Total \$								
Pest control	□ \$/acre □ Total \$								
Irrigation	☐ \$/acre ☐ Total \$								
Custom harvesting	☐ \$/acre ☐ Total \$								
Custom labor	☐ Hours ☐Hour/acre								
	\$/hour								
Maintenance for pasture (fencing and water supply)	□ \$/acre □ Total \$								
Storage & Transportation	☐ \$/acre ☐ Total \$								
	_		•						25

G. MANURE A	ND NUTRIENT	MANAGEME	NT
Please check the choices in the following	ng list that describe	the manure and nut	rient practices on the
<b>G.1.1.</b> We handle (collect, store and fi	eld-apply):		
☐ Solid manure only;			
☐ Liquid manure only;			
☐ Both solid and liquid manure	e.		
<b>G.1.2.</b> We own a <u>solid</u> spreader			
$\square$ NO SKIP TO G.1.3			
$\square$ YES:			
<b>G.1.2.1.</b> The average amo			oad;
G.1.2.2. The spreader has	s been calibrated on	the farm:	
□YES;			
$\square$ NO.			
<b>G.1.3.</b> We own a <u>liquid</u> spreader			
□ NO SKIP TO G.1.4			
□ YES:	,	1000 **	/1 1
G.1.3.1. The average amo			ons/load;
G.1.3.2. The spreader has	s been calibrated on	the farm:	
□YES; □NO.			
□NO.			
<b>G.1.4.</b> We keep track of where, when	and how much manu	are was applied with	n (check one only):
☐ mental records only;		······ ··· ··· ··· ··· ···	())
☐ written records only;			
□ both mental and written reco	ords.		
<b>G.1.5.</b> On our farm, manure is applied	to the following lan	ıd:	
	NEVER	RARELY	REGULARLY
G.1.5.1. Wood land			
G.1.5.2. Pastures			
G.1.5.3. Alfalfa fields			
<b>G.1.5.4.</b> First year corn after alfalfa			
<b>G.1.6.</b> The greatest distance we haul n	nanure to our land is	; m	iles.
<u> </u>			
-			
<b>G.1.7.</b> For calendar year 2010, please have and have not applied man		er of acres of cropl	and and pasture when

	Cropland	Pastures
Mechanical manure application (acres)		
No mechanical manure application (acres)		

<b>G.1.8.</b> Explain the reasons	for not applying manure	on cropland or pasture b	by entering the number of
acres below (enter "	0" if it is not a reason):		
<b>G.1.8.1.</b> High	soil phosphorus test:	Acres of cropla	and Acres of pasture;
G.1.8.2. Steep	and dangerous slopes:	Acres of cropla	and Acres of pasture;
<b>G.1.8.3.</b> Sink	holes:	Acres of cropla	and Acres of pasture;
<b>G.1.8.4.</b> Close	to a lake or a stream:	Acres of cropla	and Acres of pasture;
<b>G.1.8.5.</b> Too f	ar (hauling distance):	Acres of cropla	and Acres of pasture;
<b>G.1.8.6.</b> Other	::	Acres of cropla	and Acres of pasture;
<b>G.1.8.7.</b> Pract (fence		Acres of croplan	nd Acres of pasture;
<b>G.1.9.</b> Do you test any of the	ne following for nutrient	content?	
	EVERY YEAR	EVERY 5 YEARS	WE DON'T TEST
<b>G.1.9.1.</b> Soils (cropland)			
<b>G.1.9.2.</b> Soils (pastures)			
<b>G.1.9.3.</b> Manure (solid)			
<b>G.1.9.4.</b> Manure (liquid)			
G.1.10. Do you have a certifapplied:  □ NO; □ YES, since: (year	_	t plan that describes whe	ere, when and how manure is

	-				_	an average compos	
	manure	spreader		ıl; <b>2</b> = Indoor bedde	ed pack; 3= So	lid manure stack; 4	= Solid stack from
	v-groun	d concret	e manure pit	; <b>2</b> = Earthen basin nd; <b>6</b> = Other:		round manure tank	; <b>4</b> = Liquid from
	than 3	days; <b>1</b> =		ays to a week; 2= o a year; 20= More		week and one mont	th; <b>3</b> = Up to three
Frequence 1= Daily;	•	_		Spring; <b>5</b> = Summer	r; <b>6</b> = Fall; <b>7</b> = V	Vinter	
Man	nire	Max	Frequency		Manure N	Jutrient composition	(if known)
stora (cod	age	capacity (code)	of hauling (code)	Total amount hauled per year	Nitrogen content	Phosphate (P <sub>2</sub> O <sub>5</sub> ) content	Potash (K <sub>2</sub> O) content
Solid N	Manures	5		in tons		Lbs/ton [	<b>\_</b> %
				. 1000 11		1. /1000 11	
Liquid	Manur	es		in 1000 gallons		.bs/1000 gallon	□ %

<b>G.3.</b> How is the farm manure	generally hauled and	spread from each sto	rage unit defined	above?
Mode of application code: 1=broadcast with solid spread	er: <b>3</b> =Surface applied	d by tank wagon, true	ck or tractor: <b>4</b> =i	irrigation. 5=Injected
at the time of application; <b>6</b> =0	, 11	a of turns wagon, iras	on or macros, I	inguion, e injected
		:	14 1 <b>2</b> — i	4 i4l i - 72 l
Surface applied incorporation	•	•	-	orated within 72 hrs.
Management / Labor code: 1	1-011-1a1111 1a001, 2- C	ustom mre, <b>3</b> – omer.		
Manure Storage applic	Mode of manure ration code (indicate all that apply)	If surface applied incorporation cod	Manager	ment / Labor code
-				
<b>G.4.</b> In 2010, have you purch	ased sold or traded a	ny manure or by-prod	luct of on-farm m	nanure treatment?
□ NO; SKIP to G.5				
$\square$ YES $\rightarrow$ Complete the	table by row to descri	ribe type, amount, pri	ce received or pa	id (or value).
Manure or by-product of ma LM = Liquid manure; SM = S			'ammagt: 0 - Oth	
LIVI – Liquid manure, SIVI – S	ond manure, FWI – F	outry manure, C – C	ompost, <b>O</b> – Ou	iei
Type of manure/by-prod (check <u>only one</u> per row		saction type aly one per row)	Amount ☐ ton ☐ gallon	Price (or value)
□LM □C □SM □PM □O:	☐ Purchased☐ Sold	☐ Traded away		
□LM □C □SM □PM □O:	☐ Purchased☐ Sold	☐ Traded away		
□LM □C □SM □PM □O:	□ Purchased □ Sold	☐ Traded away		

G.5.	Identify whether you have the following types of areas where manure may remain uncollected for long
	periods of times and how often manure is collected from these areas. For each feeding management
	group identified above, fill the table with the month (codes) and hours per day that the animal group
	spends in the areas. Round to one decimal place on the hours per day (e.g., 20 min. = 0.3 hr).

### Frequency of Collection and Storage of Manure Code:

0 = Never or less than once a year; 1 = once a year; 2 = twice a year (e.g., spring and fall); 4 = once every season; 12 = once a month: 52 = once a week; 365 = daily.

## Month of the Year Code:

1= Jn.; 2= Fb.; 3= Mr; 4 = Ap.: 5 = My; 6 = Jn; 7 = Jul.; 8 = Aug; 9 = Sept.; 10 = Oct.; 11 = Nov; 12 = Dec.

Do you have this type of area on the farm?		How often do you collect	Averag	e time spent by	e time spent by each feeding group in each are Feeding group		
(If yes, then fill in the rig the Table)	ght side of	and store the manure per year? (Code)		1			
Walking lanes or alleys to	□ YES →		Months				
pasture	□ NO		Hrs/day				
Concrete or dirt outdoor	□ YES →		Months				
feeding alley	□ NO		Hrs/day				
Concrete or dirt outdoor exercise lot (with or	□ YES →		Months				
without feed bunk)	□NO		Hrs/day				
Outdoor bedded pack with natural windshield (e.g.,	□ YES →		Months				
out-wintered in woods)	□ NO		Hrs/day				
Other areas:	□ YES →		Months				
	□ NO		Hrs/day				

**G.6.** Describe crop fertilization for the major (up to three) crop sequences you have on your farm (as defined in F.1) using the fertilizer codes listed below.

Manure and Fertilizer Code:

Manure/Organic Ferti	ilizers	N fertilizer	Phosphate fertilizers (P <sub>2</sub> O <sub>5</sub> )	
Liquid dairy manure:	LM	Anhydrous Ammonia 82-0-0:	AA	Phosphoric acid 0-54-0: PA
Solid dairy manure:	SM	Urea 46-0-0:	U	Tri Super phosphate 0-45-0: TSP
Separated Liquid	SL	Nitrogen Solution 28-0-0:	NS	
Separated Solids	SS	Ammonium Nitrate 33-0-0:	AN	
Poultry manure.	PM	Ammonium sulfate 21-0-0:	AS	
Other 1:	O1	Other 2:	O2	Other 3: O3

Other fertil	lizers	Potash (K <sub>2</sub> 0)		Blend	
Compost Kelp	CM KP	Potassium Chloride 0-0-62:	PC	Mono Ammonium Phosphate. 11-52-0 Di Ammonium Phosphate 18-46-0	MAP DAP
		Other 4:	O4	Other 5:	O5

#### **Units Code:**

1 = tons/acre; 2 = loads/acre; 4 = 1000 gallons/acre.

**Table G.6. Manure and Commercial Fertilizer Application to Crops in 2009-2010 for 2010 Crops.** (Enumerator: Feel free to enter Units codes or actual units in the Table).

		Crop sequence 1 (rotation)							
2010 Crop →									
	Code	Rate	Units	Code	Rate	Units	Code	Rate	Units
	a) Mai	nure app	lications						
Fall 2009 (Sept., Oct., Nov.)									
Winter 2009/10 (Dec., Jan., Feb.)									
Spring 2010 (March, Apr., May)									
Post-harvest: Fall/Winter 2010 (Sept., Oct., Nov., Dec.)									
	b) Oth	er fertili	zers						
Fall 2009 (Sept., Oct., Nov.)									
Winter 2009/10 (Dec., Jan., Feb.)									
Spring 2010 (March, Apr., May)									
Post-harvest Fall/Winter 2010 (Sept., Oct., Nov., Dec.)									

			Cro	p se	quence	1 (rotat	ion), co	ntin	ued		
2010 Crop →				0							
	Code	Rate	Units	Ø	Code	Rate	Units	Ø	Code	Rate	Units
	a) Ma	nure app	lications	S							
Fall 2009 (Sept., Oct., Nov.)											
Winter 2009/10 (Dec., Jan., Feb.)											
Spring 2010 (March, Apr., May)											
Post-harvest: Fall/Winter 2010 (Sept., Oct., Nov., Dec.)											
	b) Oth	ner fertili	izers						<u>'</u>		
Fall 2009 (Sept., Oct., Nov.)											
Winter 2009/10 (Dec., Jan., Feb.)											
Spring 2010 (March, Apr., May)											
Post-harvest Fall/Winter 2010 (Sept., Oct., Nov., Dec.)											
				<u> </u>		2	<i>(</i> , , , ;	`			
_				Cr	op seq	uence 2	(rotatioi	1)			
2010 Crop →				<u> </u>							
	Code	Rate	Units	V.C.C.I	Code	Rate	Units		Code	Rate	Units
	a) Ma	nure app	lications		Ī			777			1
Fall 2009 (Sept., Oct., Nov.)											
Winter 2009/10 (Dec., Jan., Feb.)											
Spring 2010 (March, Apr., May)											
Post-harvest: Fall/Winter 2010 (Sept., Oct., Nov., Dec.)											
b) Other fertilizers											
Fall 2009 (Sept., Oct., Nov.)											
Winter 2009/10 (Dec., Jan., Feb.)											
Spring 2010 (March, Apr., May)											
——————————————————————————————————————				<i>(///</i> /							

				Crop seq	uence 3	(rotation	n)		
2010 Crop →									
	Code	Rate	Units	Code	Rate	Units	Code	Rate	Units
	a) Mai	nure app	lications	5					
Fall 2009 (Sept., Oct., Nov.)									
Winter 2009/10 (Dec., Jan., Feb.)									
Spring 2010 (March, Apr., May)									
Post-harvest: Fall/Winter 2010 (Sept., Oct., Nov., Dec.)									
	b) Oth	er fertili	izers						<u> </u>
Fall 2009 (Sept., Oct., Nov.)									
Winter 2009/10 (Dec., Jan., Feb.)									
Spring 2010 (March, Apr., May)									
Post-harvest Fall/Winter 2010 (Sept., Oct., Nov., Dec.)									

G.7. For the year 20 $\square$ NO; <b>SKIP</b> to			re/organic	fertilize	rs or co	mmerc	ial fertilizer	s on <u>pastur</u>	<u>res</u> ?
☐ YES, Descri			using the f	fertilizer	and ur	nit code	es listed belo	ow and the	nastures as
defined earlier. Describ									
then complete the table				1			1		J .
Table G.7. Pasture Fe	ertilization	•	Ž						
2010 Pastures	Group of	f Pasture 1	Group of	f Pastur	e 2 G	roup o	f Pasture 3	Group of	Pasture 4
(See Table F.3) →									
(500 14510 1.5)									
	Rate	Units	Rate	Uni		Rate	Unit	Rate	Unit
a) Manure/O	rganic fertil	izers or Cor	nmercial fe	ertilizer	BEFOI	RE 201	0 grazing s€	eason starte	ed
Fertilizer code:	-								
Fertilizer code:	_								
b) Total Ma	 nure/Organi	c fertilizers	or Comme	ercial fe	rtilizer ]	DURIN	<u> </u> JG 2010 gra	zing seasoi	<u> </u> n
						Doran	10 2010 814		
Fertilizer code:	-								
Fertilizer code:	-								
Fertilizer code:	_								
c) Manure/Org	anic fertilize	ers or Comr	nercial fert	tilizer A	FTER 2	2010 gı	razing seaso	n ends / en	ded
Fertilizer code:									
	-								
Fertilizer code:	-								
C. Q. Da vou amily f				-ii			i	2222	
<b>G.8.</b> Do you apply for	•		•	0 1	sode du	ring in	e grazing se	ason?	
□ YES→ □I	Every time,	□Some	of the time	;					
$\square$ NO,									
Manure and Fertilize	r Code:								
Manure/Organic Fe	rtilizers	N fertilize	er			P	hosphate fe	rtilizers (F	$P_2O_5$
Liquid dairy manure:	LM	Anhydrou	s Ammoni	a 82-0-0	): AA		nosphoric ac		PA
Solid dairy manure:	SM	Urea 46-0	-0:		U	T <sub>1</sub>	ri Super pho	sphate 0-4	5-0: TSP
Separated Liquid	$\operatorname{SL}$	Nitrogen S	Solution 28	3-0-0:	NS		1 1	1	
Separated Solids	SS	_	m Nitrate 3		AN				
Poultry man.	PM		m sulfate 2		AS				
Other 1:	O1	Other 2:			O2	O	ther 3:		О3
O41	D-4I-	(IZ (N)							
Other fertilizers	Potash	· · · · · · · · · · · · · · · · · · ·	. 0 0 (2.		Blend		: Dll.	-4- 11 50	0 MAD
Compost CM Kelp KP	Potassit	um Chloride	0-0-62:				ium Phosph		0 MAP DAP
Kelp KP	Other 4	: <u> </u>			Other 5		Phosphate	10-40-0	O5
<b>Units Code: 1</b> = tons	${\text{/acre}}$ ; $2 = 10$	ads/acre; 4	= 1000 gal	lon/acre	) <u>.                                    </u>				
			·		·		·	·	

	H. FARMER-FARMER INTERACTIONS								
Н.1.	How many nonfarm neighbors adjoin your farm operation?								
Н.2.	How many neighboring farms adjoin your farm operation?								
Н.3.	Identify direction of <b>neighboring farm 1</b> : $\square$ N $\square$ S $\square$ E $\square$ W <b>H.3.1.</b> Do you know the landowner(s) well? $\square$ 1= Yes; $\square$ 0 = No								
	<b>H.3.2.</b> Does the landowner farm? $\Box$ 0 = No, <b>SKIP TO H.3.3</b> $\Box$ 1= Yes;								
	H.3.2.1. Is it a dairy farm? $\Box 1 = Yes;$ $\Box 0 = No$								
	H.3.2.2. Are they farming using organic methods?  □ 0 = No □ 1= Yes, When did they begin the organic certification process?Year □ 2 = Don't know								
	H.3.3. What is the primary use of YOUR land that is adjacent to this neighbor?  □ 1 = Cropland □ 2 = Pasture □ 3 = Woodland □ 4 = Wetland □ 5 = Other:								
	H.3.4. What is the primary use of THEIR land that is adjacent to your land?  ☐ 1 = Cropland ☐ 2 = Pasture ☐ 3 = Woodland ☐ 4 = Wetland ☐ 5 = Other:								
	H.3.5. Have you ever worked together or shared information about farming or land use with this neighbor?  □ 1 = Never □ 2 = Occasionally in past □ 3 = Occasionally still □ 4 = Regularly □ 5 = A lot								

	<b>H.3.6.</b> Do you have	any problems with this neighb $\square$ 0 = No; <b>SKIP TO H.4</b>	oor that affect your farm operation?
		$\Box$ 1= Yes, what are they?	□ 1 = Fencing
			$\square$ 2 = Erosion, run-offs
		(Check all that apply)	$\square$ 3 = Pollen or pesticides drift
			$\Box$ 4 = Odor complaints
			$\Box$ 5 = Lack of cooperation
			$\Box$ 6 = Other:
Н.4.	-	neighboring farm 2: □ N [ w the landowner(s) well? □ 1= Yes;	$\square$ S $\square$ E $\square$ W
		$\square$ 0 = No	
	H.4.2. Does the land	downer farm?	
		$\square$ 0 = No, <b>SKIP TO H.4.3</b>	
		$\Box$ 1= Yes;	
	H.4.2.1	I. Is it a dairy farm?	
		$\square$ 1= Yes;	
		$\square 0 = N_0$	
	H.4.2.2	2. Are they farming using orga	nic methods?
		$\square 0 = N_0$	
		□ 1= Yes, When did they be  □ 2 = Don't know	egin the organic certification process?Year
	<b>H.4.3.</b> What is the p	orimary use of your land that is	adjacent to this neighbor?
	1	$\Box$ 1 = Cropland	,
		$\square$ 2 = Pasture	
		$\square$ 3 = Woodland	
		$\Box$ 4 = Wetland	
		$\Box$ 5 = Other:	
	<b>H.4.4.</b> What is the p	orimary use of their land that is	adjacent to your land?
		$\Box$ 1 = Cropland	
		$\square$ 2 = Pasture	
		$\square$ 3 = Woodland	
		$\Box$ 4 = Wetland	
		$\Box$ 5 = Other:	
	<b>H.4.5.</b> Have you eneighbor?	ver worked together or share	ed information about farming or land use with this
	merghoor.	☐ 1 = Never	
		$\square 2 = Occasionally in past$	
		$\Box$ 3 = Occasionally still	
		$\Box 4 = Regularly$	
		$\Box 5 = A \text{ lot}$	

	<b>H.4.6.</b> Do you have	any problems with this neighb $\square$ 0 = No; <b>SKIP TO H.5</b>	or that affect your farm operation?
		$\Box$ 1= Yes, what are they?	□ 1 = Fencing
		,	$\Box$ 2 = Erosion, run-offs
		(Check all that apply)	$\square$ 3 = Pollen or pesticides drift
			$\Box$ 4 = Odor complaints
			☐ 5 = Lack of cooperation
			$\Box$ 6 = Other:
Н.5.		neighboring farm 3: $\square$ N	
	H.5.1. Do you know	w the landowner(s) well?  ☐ 1= Yes; ☐ 0 = No	
		□ 0 − NO	
	H.5.2. Does the land		
		$\square$ 0 = No, SKIP TO H.5.3	
		$\square$ 1= Yes;	
	Н.5.2.1	I. Is it a dairy farm?	
		$\square$ 1= Yes;	
		$\square 0 = N_0$	
	Н.5.2.2	2. Are they farming using orga	nic methods?
	11,0,2,2	$\Box 0 = No$	me meaneds.
			egin the organic certification process?Year
		$\square$ 2 = Don't know	S
	II 5 2 What is the m	winners was afreeze land that is	adiacent to this maighbor?
	<b>n.5.5.</b> what is the p	primary use of your land that is $\Box 1 = Cropland$	adjacent to this neighbor?
		$\Box$ 2 = Pasture	
		$\Box$ 3 = Woodland	
		$\Box$ 4 = Wetland	
		$\Box$ 5 = Other:	
			1 10
	<b>H.5.4.</b> What is the p	primary use of their land that is $\Box 1 = Cropland$	adjacent to your land?
		$\Box$ 2 = Pasture	
		$\square$ 3 = Woodland	
		$\Box$ 4 = Wetland	
		$\Box$ 5 = Other:	
	<b>H.5.5.</b> Have you eneighbor?	ver worked together or share	ed information about farming or land use with this
	-	$\square$ 1 = Never	
		$\square$ 2 = Occasionally in past	
		$\square$ 3 = Occasionally still	
		$\Box 4 = \text{Regularly}$	
		$\Box$ 5 = A lot	

	<b>H.5.6.</b> Do you have a	any problems with this neighbing $\square 0 = \text{No}$ ; <b>SKIP TO H.6</b>	oor that affect your farm operation?	
		$\Box$ 1= Yes, what are they?	□ 1 = Fencing	
		, ,	$\square$ 2 = Erosion, run-offs	
		(Check all that apply)	$\square$ 3 = Pollen or pesticides drift	
			$\Box$ 4 = Odor complaints	
			$\Box$ 5 = Lack of cooperation	
			$\Box$ 6 = Other:	
Н.6.	Identify direction of r	neighboring farm 4: 🗆 N 🏾		
11.01		the landowner(s) well?		
	,	$\square$ 1= Yes;		
		$\square 0 = No$		
	H.6.2. Does the land	owner farm?		
		$\square$ 0 = No, <b>SKIP TO H.6.3</b>		
		$\square$ 1= Yes;		
	Н.6.2.1.	Is it a dairy farm?		
		$\square$ 1= Yes;		
		$\square 0 = N_0$		
	Н.6.2.2.	Are they farming using organ	nic methods?	
		$\square$ 0 = No		
			egin the organic certification process?	Year
		$\square$ 2 = Don't know		
	<b>H.6.3.</b> What is the pr	imary use of your land that is	adjacent to this neighbor?	
		$\Box$ 1 = Cropland		
		$\square$ 2 = Pasture		
		$\square$ 3 = Woodland		
		$\Box$ 4 = Wetland		
		$\Box$ 5 = Other:		
	H.6.4. What is the pr	imary use of their land that is	adjacent to your land?	
		$\Box$ 1 = Cropland		
		$\square$ 2 = Pasture		
		$\square$ 3 = Woodland		
		$\Box 4 = Wetland$		
		$\Box$ 5 = Other:		
	-	er worked together or share	ed information about farming or land use v	vith this
	neighbor?			
		$\square 1 = \text{Never}$		
		$\square$ 2 = Occasionally in past		
		$\square$ 3 = Occasionally still		
		$\Box$ 4 = Regularly		
		$\Box$ 5 = A lot		

	<b>H.6.6.</b> Do you have any pr		or that affect your	farm operation?		
		= No; <b>SKIP TO H.7</b> = Yes, what are they? (Check all that apply)	$\square$ 2 = Erosion, ru $\square$ 3 = Pollen or p $\square$ 4 = Odor comp $\square$ 5 = Lack of coordinates	esticides drift plaints		
Н.7.	What farmers do you in cooperative members, chur		ng information (i	include neighbors,	family,	friends,
	Immediate Neighbors fro	m Above (First names	only)			
	□ Neighbor 1:					
	□ Neighbor 2:					
	□ Neighbor 3:					
	□ Neighbor 4:					
	Other Neighbors					
	Family					
	Friends					
	Others					

- **H.8.** Please choose 5 of the individuals named above who are or have been **most influential** on the way you **manage your farm** or in helping you make your farm work well. Give each of the top five individuals a <u>unique name/number</u>. Try to include at least one individual who farms using the same system as you (conventional, organic and/or uses managed grazing methods).
  - **H.8.1.** Fill the table below for the 5 person you choose.

	Person 1	Person 2	Person 3	Person 4	Person 5
Name/Code					
When did you begin interacting					
with them about farming?	H8.1.1a	H8.1.2a	H8.1.3a	H8.1.4a	H8.1.5a
If they are organic, what year certified? Or, were					
they certified before you?	H8.1.1b	H8.1.2b	H8.1.3b	H8.1.4b	H8.1.5b
If managed grazier, about what year did they start? Or, did					
they start before you?	H8.1.1c	H8.1.2c	H8.1.3c	H8.1.4c	H8.1.5c

**H.8.2.** Fill the table below about the five people you choose. Use the following codes to fill the table: Interaction Types and Frequency (0 = Not at all; 1=Sometimes; 2=Frequently; 3=A lot) except for

	Person 1	Person 2	Person 3	Person 4	Person 5
First Name					
Learning/Sharing Info About					
Feeding	H8.2.1a	H8.2.2a	H8.2.3a	H8.2.4a	H8.2.5a
Learning/Sharing Info on					
Herd Management	H8.2.1b	H8.2.2b	H8.2.3b	H8.2.4b	H8.2.5b
Learning/Sharing Info About					
Crop or Pasture Management	H8.2.1c	H8.2.2c	H8.2.3c	H8.2.4c	H8.2.5c
Sharing Costs of Crop Agent,					
Vet Other Custom Services (C, V, OCS) (Eg. V1)	H8.2.1d	H8.2.2d	H8.2.3d	H8.2.4d	H8.2.5d
Purchase, Sale, or Exchange	110.2.14	110.2.24	110.2.5 4	110.2.14	110.2.0
of Grain (P, S, E w/#) (Eg. P1)	H8.2.1e	H8.2.2e	H8.2.3e	H8.2.4e	H8.2.5e
Purchase, Sale, or Exchange	110.2.10	110.2.20	110.2.30	110.2.40	110.2.36
of Forage (P, S, E w/#)				***************************************	¥¥0. <b>0</b> .50
Example P1	H8.2.1f	H8.2.2f	H8.2.3f	H8.2.4f	H8.2.5f
Purchase, Sale, or Exchange of Heifers (P, S, E w/#)					
of Heneis (1, 8, E wiii)	H8.2.1g	H8.2.2g	H8.2.3g	H8.2.4g	H8.2.5g
Co-Purchasing Inputs					
	H8.2.1h	H8.2.2h	H8.2.3h	H8.2.4h	H8.2.5h
Sharing Equipment					
	H8.2.1i	H8.2.2i	H8.2.3i	H8.2.4i	H8.2.5i
Sharing Processing or					
Transportation (P, T)	H8.2.1j	H8.2.2j	Н8.2.3ј	H8.2.4j	H8.2.5j
Sharing Family or Hired					
Labor (F, H)	H8.2.1k	H8.2.2k	H8.2.3k	H8.2.4k	H8.2.5k
	□YES	□YES	□YES	□YES	□YES
Urgent Help	□NO He 2.11	□NO	□NO	□NO	□NO
	H8.2.11 □YES	H8.2.21 □YES	H8.2.31 □YES	H8.2.41 □YES	H8.2.51 □YES
Social Support	□NO	□NO	□NO	□NO	□NO
* *	H8.2.1m	H8.2.2m	H8.2.3m	H8.2.4m	H8.2.5m

<b>H.9.1.</b> Please name any farmer organizations or cooperatives that you are a member of and ho have been a member. If the answer is none, <b>GO TO H.9.2</b> .						
Organizations or Cooperatives'	name	Years	as member			
H9.1.1		H9.1.2	2			
H9.1.3		H9.1.4	1			
H9.1.5		H9.1.6	<u> </u>			
<b>H.9.2.</b> Cooperatives <b>H.9.2.1.</b> Please na have since		es (in H.9.1) that you v	were a member of since			
Cooperatives' name		Year Joined	Year Exited			
H9.2.1a		H9.2.1b	H9.2.1c			
H9.2.1d		H9.2.1e	H9.2.1f			
$\square 0 = N_0$	0	s (in H.9.1) sell organi	c dairy products?			
$\square 0 = N_0$		s (in H.9.1) sell organi H9.2.2a	c dairy products?  H9.2.2b			
$\Box 0 = N_0$ $\Box 1 = Y_0$ <b>H.9.3.</b> Please name any comm	es, please identify unity organizations ar basis with other	H9.2.2a  s, churches or gathering farmers. For each on Indicate if there are conventional, org	H9.2.2b g places (e.g. local dinerate, ask how long they have the formers who are ganic or managed			
□ 0 = No □ 1 = Yo  H.9.3. Please name any comm you interact on a regul participating.	o es, please identify unity organizations	H9.2.2a  s, churches or gathering farmers. For each on the conventional, organization of the conventional, organizations (Mark Conventional)	H9.2.2b  g places (e.g. local diner he, ask how long they have			
☐ 0 = No ☐ 1 = You  H.9.3. Please name any comm you interact on a regul participating.	es, please identify unity organizations ar basis with other	H9.2.2a  s, churches or gathering farmers. For each on the conventional, organization of the conventional, organizations (Mark Conventional)	H9.2.2b g places (e.g. local diner le, ask how long they have re farmers who are ganic or managed c, O or MG for all			

H9.3.8

H9.3.9

H9.3.7

## I. ECONOMIC INFORMATION

## **I.1.** Sales and Inventory

**I.1.1.** Live dairy animals purchased and sold in 2010. Fill the table below

Type of animal	Number purchased	Price purchased (\$/animal)	Number Sold	Price sold (\$/animal)
Male calves				
Female calves				
Open heifers				
Bred heifers				
Culled cows				
Replacement cows				
Dairy bulls (for reproduction)				
Other:				

**I.1.2.** Other livestock purchased or sold in 2010 for commercial farm purposes. Fill the table below

Type of animal	Number of animals at the beginning of 2010	Number purchased	Price purchased (\$/animal)	Number Sold	Price sold (\$/animal)
Beef cows/heifers					
Bulls					
Steers					
Feeder calves					
Sows or pigs					
Sheep or Goats					
Horses					
Poultry					
Other					

I.1.3. Crop and Forage Sales and	I.1.3. Crop and Forage Sales and Inventory (Jan and Current). Fill in the table for each crop or forage							
Type of crops	Quantity Sold	Unit	Total sales (\$)	OR	Average price (\$/unit)	Inventory Jan 2010	Inventory Today	
Grain Crop	2014				F 11 (4. 11 1)			
Corn grain:								
Oat:								
Barley:								
Wheat:								
Winter rye								
Triticale:								
Soybean:								
Other:								
Silages and haylages								
Corn silage:								
Alfalfa silage seeding year:								
Alfalfa/Small grains silage seeding year:								
Established Alfalfa for haylage:								
Mixed silage: mainly Legumes								
Mixed silage: mainly Grasses								
Red Clover								
Sorghum Sudan Grass								
Other:								
Hay								
Alfalfa Hay:								
Mixed hay: mainly legumes								
Mixed hay: mainly grasses								
Grass Hay								
Other:								
Cover crops and green manure								
Hairy Vetch:								
Winter Rye:								
Red Clover:								
Sweet clover:								
Buckwheat:								
Other:								
			I	<u> </u>			<u> </u>	

I.2.	Did this operation receive any government payments in 2010? (exclude Commodity Credit Corporation loans)  ☐ YES (continue) ☐ NO (SKIP TO I.7)
I.3.	What is the total dollar amount of government payments this operation received in 2010?
	<b>I.3.1.</b> How much was received in direct payments (as defined under the 2002 Farm Act)?\$
	I.3.2. How much was received in counter-cyclical payments (as defined under the 2002 Farm Act)? \$
	I.3.3. How much was received in conservation payments? (Include Conservation Reserve Program
	(CRP), Wetlands Reserve Program (WRP), cost share for nutrient management, and
	Environmental Quality Incentive Program (EQIP) payments)?\$
	<b>I.3.4.</b> How much was received in loan deficiency payments (LDPs), marketing loan gain, and net value of commodity certificates?
	<b>I.3.5.</b> How much was received from all other federal or state agricultural program payments? ( <b>Include</b>
	disaster and market loss payments, national dairy market loss payments, and any other Federal,
	state or local programs. <b>Exclude</b> federal crop insurance payments)
I.4.	How much of this (item I3) was milk income loss contract payments?
I.5.	How much of this (item I3) was a cost share subsidy for organic certification?
I.6.	What is your estimate of the total dollar amount your landlord(s) received in government payments for
	the acres you rented from them?
I.7.	In 2010, what was the total income received by you (the operator) and all partners for
	I.7.1. Custom work, machine hire, and other agricultural services provided for farmers and others
	(unless it is for a separate business)?
	<b>I.7.2.</b> Recreational services such as hunting, fishing, etc.?
	I.7.3. Federal crop insurance payments?
	I.7.4. Other income which is closely related to the agricultural operation? (include sales of farm
	machinery and vehicles. Also include grazing of livestock, sales of forest products, insurance
	indemnity payments other than Federal Crop Insurance payments, patronage dividends and
	refunds from cooperatives, animal boarding, tobacco settlements, state fuel, tax refunds, profits
	and losses. This may be a negative (-) number for losses.)
	and losses. This may be a negative (-) number for losses.)

<b>I.8.</b> Other Family Income Sour	ces and Well-being Measures
--------------------------------------	-----------------------------

**I.8.1.** Off-farm labor

For all family members that work off farm, fill out the following table. If necessary, use the earnings codes below the table.

#	Name	Hours worked per week	Total Earnings per year	OR	Earnings (code)	Health Insurance benefits
1						□YES □NO
2						□YES □NO
3						□YES □NO
4						□YES □NO
5						□YES □NO
6						□YES □NO

**Earnings Codes:** 

Eur mings courst										
Code	Dol	Dollar range								
1			None							
2	1	to	499							
3	500	to	999							
4	1,000	to	1,999							
5	2,000	to	2,999							
6	3,000	to	3,999							
7	4,000	to	4,999							
8	5,000	to	7,499							
9	7,500	to	9,999							
10	10,000	to	14,999							
11	15,000	to	19,999							

~ .								
Code	Dol	Dollar range						
12	20,000	to	24,999					
13	25,000	to	29,999					
14	30,000	to	34,999					
15	35,000	to	39,999					
16	40,000	to	49,999					
17	50,000	to	59,999					
18	60,000	to	79,999					
19	80,000	to	99,999					
20	100,000	to	124,999					
21	125,000	to	149,999					
22	150,000	to	174,999					

Code	Dol	lar ra	nge
23	175,000	to	199,999
24	200,000	to	224,999
25	225,000	to	249, 999
26	250,000	to	374,999
27	375,000	to	499,999
28	500,000	to	999,999
29	1,000,000	to	1,249,999
30	1,250,000	to	1,499,999
31	1,500,000		and over

I.8.2.	How much in	total did	you or o	other adu	lts from	your	family	living i	in your	house	earn	from a	any (	of
	the following	(use valu	e codes	from tab	le above	e as ne	cessary	y)?						

onowing	(use value codes from table above as necessary):
I.8.2.1.	Operating another farm or ranch

**I.8.2.2.** Land rental\_\_\_\_\_

**I.8.2.3.** Income from disability, military or other retirement, Social Security, unemployment, Veteran's benefits, other public retirement and public assistance.

I.8.2.4.	Investment income	(Interest and	dividend)?	
		(	,	

**I.8.2.5.** Other off-farm sources (including other businesses but not labor income already included above) \_\_\_\_\_\_.

I.8.3.	What family	members	in your	household	are covered	l by healt	h insurance?	(include	Medicare,
	Medicaid, or	veteran be	enefits).						

	Covered	Not covered	Not applicable
Self			
Spouse			
Dependent children			

## J. ASSESSMENT OF FARM MANAGEMENT AND SATISFACTION

## **J.1.** Farm Management Assessment

**J.1.1.** Indicate how easy/difficult are the following aspects of your dairy operation overall. <u>Circle</u> the most appropriate score.

		N/A	Very l	Easy		Neutral		Very Difficult	
J.1.1.1.	Finding grains	N/A	1	2	3	4	5	6	7
J.1.1.2.	Finding forages	N/A	1	2	3	4	5	6	7
J.1.1.3.	Finding replacement heifers	N/A	1	2	3	4	5	6	7
J.1.1.4.	Finding labor for the farm	N/A	1	2	3	4	5	6	7
J.1.1.5.	Organic certification paperwork	N/A	1	2	3	4	5	6	7
J.1.1.6.	Keeping animals healthy	N/A	1	2	3	4	5	6	7
J.1.1.7.	Finding knowledgeable veterinarians	N/A	1	2	3	4	5	6	7
J.1.1.8.	Weed and pest management	N/A	1	2	3	4	5	6	7
J.1.1.9.	Soil fertility management	N/A	1	2	3	4	5	6	7
J.1.1.10.	Manure management	N/A	1	2	3	4	5	6	7
J.1.1.11.	Purchased fertilizers, seeds & other crop inputs	N/A	1	2	3	4	5	6	7
J.1.1.12.	Financing farm operation and investments	N/A	1	2	3	4	5	6	7

**J.1.2.** How satisfied are you with the following aspects of your dairy farm operation? <u>Circle the most appropriate score</u> on a scale of 1-7, with 1 being very dissatisfied and 7 being very satisfied

	Very Dissatisfied		Neutral			Very satisfied	
Stress level	1	2	3	4	5	6	7
Herd health	1	2	3	4	5	6	7
Physical demands of farm work	1	2	3	4	5	6	7
Lifestyle for the family on the farm	1	2	3	4	5	6	7
Opportunities for children to join the farm	1	2	3	4	5	6	7
Price received for milk	1	2	3	4	5	6	7
Time off from farm work	1	2	3	4	5	6	7
Net farm income	1	2	3	4	5	6	7

**J.1.3.** How satisfied are you with your family's quality of life on the farm? <u>Circle the most appropriate score</u> on a scale of 1-7, with 1 being very dissatisfied and 7 being very satisfied

Very Diss	atisfied		Neutral		Very satisfie		
1	2	3	4 5		6	7	

**J.1.4.** To what degree do you attribute your quality of life on the farm with your current farm management system

Not conne	ected at all		Neutral	tral Highly c		connected
1	2	3	4	5	6	7

	i, on a	verage	e, to	reman	n econ	omically	y V
\$cwt. Given this price, what is the	ne max	imum	feed	price	you	can pay	ar
economically viable?							
Organic							
<b>J.2.1.</b> Are you or have you been certified organic ( <i>Circ</i>	cle the a	approp	riate i	numbe	r)		
$\square$ 0 = No, we have never been certified, <b>SKIP</b> $\square$		1	CONT	<b></b>	1 TO 1		
$\Box$ 1 = We used to be certified, but are no longer $\Box$ 2 = Yes, we are currently certified organic, Si				INUI	7 10 J	.2.2	
<b>J.2.2.</b> What year did your farm become certified organ	ıc?		_				
<b>J.2.3.</b> Why did you decide not to continue as an organi	ic produ	icer? _					
<b>J.2.4.</b> Why are you no longer an organic producer?							
Disagree (SD), 2= Disagree (D), 3= Neutral (IN/A= not applicable (then, proceed to I3.), <b>Then</b>				5 = S	trongly	Agree	(SA
10/11 not applicable (men, proceed to 15.), The	ı, SIXII	103					
I am no longer an organic producer because:	SD	D	N	A	SA	N/A	
	1	2	3	4	5	N/A	
It is not profitable for feed or other cost reasons	-						
It is not profitable for feed or other cost reasons  It is not profitable because of productivity loss	1	2	3	4	5	N/A	
-		2 2	3	4 4	5 5	N/A N/A	
It is not profitable because of productivity loss	1						
It is not profitable because of productivity loss It is not profitable because of lack of certain buyer	1 1	2	3	4	5	N/A	
It is not profitable because of productivity loss It is not profitable because of lack of certain buyer Herd health concerns	1 1 1	2 2	3	4 4	5 5	N/A N/A	
It is not profitable because of productivity loss It is not profitable because of lack of certain buyer Herd health concerns Weed and pest management concerns	1 1 1 1	2 2 2	3 3 3	4 4 4	5 5 5	N/A N/A N/A	
It is not profitable because of productivity loss It is not profitable because of lack of certain buyer Herd health concerns Weed and pest management concerns Amount of labor required Not enough support and technical assistance	1 1 1 1 1 1	2 2 2 2 2	3 3 3 3	4 4 4 4	5 5 5 5	N/A N/A N/A N/A	
It is not profitable because of productivity loss It is not profitable because of lack of certain buyer Herd health concerns Weed and pest management concerns Amount of labor required	1 1 1 1 1 1	2 2 2 2 2	3 3 3 3	4 4 4 4	5 5 5 5	N/A N/A N/A N/A	
It is not profitable because of productivity loss It is not profitable because of lack of certain buyer Herd health concerns Weed and pest management concerns Amount of labor required Not enough support and technical assistance	1 1 1 1 1 1	2 2 2 2 2 d?	3 3 3 3 3	4 4 4 4 4	5 5 5 5 5	N/A N/A N/A N/A	
It is not profitable because of productivity loss It is not profitable because of lack of certain buyer Herd health concerns Weed and pest management concerns Amount of labor required Not enough support and technical assistance  J.2.5. How many years did it take for your farm to get J.2.6. How long have you been predominantly utilizing	1 1 1 1 1 1 certifie	2 2 2 2 2 d?	3 3 3 3 3	4 4 4 4 4	5 5 5 5 5	N/A N/A N/A N/A	
It is not profitable because of productivity loss It is not profitable because of lack of certain buyer Herd health concerns Weed and pest management concerns Amount of labor required Not enough support and technical assistance  J.2.5. How many years did it take for your farm to get J.2.6. How long have you been predominantly utilizing J.2.7. Did transition costs to organic impact your net in	1 1 1 1 1 1 certifie g organ ncome?	2 2 2 2 2 d?	3 3 3 3 3	4 4 4 4 4	5 5 5 5 5	N/A N/A N/A N/A	
It is not profitable because of productivity loss It is not profitable because of lack of certain buyer Herd health concerns Weed and pest management concerns Amount of labor required Not enough support and technical assistance  J.2.5. How many years did it take for your farm to get J.2.6. How long have you been predominantly utilizing J.2.7. Did transition costs to organic impact your net in  0 =No, Transition costs were negligible, SKI  0 =No, We saved money immediately, SKIP	1 1 1 1 1 1 certifie g organ ncome? P TO J TO J.2	2 2 2 2 2 d?	3 3 3 3 4 hods?	4 4 4 4	5 5 5 5 5	N/A N/A N/A N/A	
It is not profitable because of productivity loss It is not profitable because of lack of certain buyer Herd health concerns Weed and pest management concerns Amount of labor required Not enough support and technical assistance  J.2.5. How many years did it take for your farm to get J.2.6. How long have you been predominantly utilizing J.2.7. Did transition costs to organic impact your net in □ 0 =No, Transition costs were negligible, SKI	1 1 1 1 1 1 certifie g organ ncome? P TO J TO J.2	2 2 2 2 2 d?	3 3 3 3 4 hods?	4 4 4 4	5 5 5 5 5	N/A N/A N/A N/A	
It is not profitable because of productivity loss It is not profitable because of lack of certain buyer Herd health concerns Weed and pest management concerns Amount of labor required Not enough support and technical assistance  J.2.5. How many years did it take for your farm to get J.2.6. How long have you been predominantly utilizing J.2.7. Did transition costs to organic impact your net in  0 =No, Transition costs were negligible, SKI  0 =No, We saved money immediately, SKIP	1 1 1 1 1 1 certifie g organ ncome? P TO J TO J.2 ONTIN	2 2 2 2 2 d?	3 3 3 3 3 hods?	4 4 4 4 4	5 5 5 5 5	N/A N/A N/A N/A	to
It is not profitable because of productivity loss It is not profitable because of lack of certain buyer Herd health concerns Weed and pest management concerns Amount of labor required Not enough support and technical assistance  J.2.5. How many years did it take for your farm to get J.2.6. How long have you been predominantly utilizing J.2.7. Did transition costs to organic impact your net in  0 =No, Transition costs were negligible, SKIP  0 =No, We saved money immediately, SKIP  1=Yes, we had substantial transition costs Co	1 1 1 1 1 1 certifie g organ ncome? P TO J TO J.2 ONTIN	2 2 2 2 2 d?	3 3 3 3 3 hods?	4 4 4 4 4	5 5 5 5 5	N/A N/A N/A N/A	to
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J.2.12. Please explain why you are an organic producer  1 = Strongly Disagree (SD), 2= Disagree (D), 3  (SA) and N/A= not applicable, please explain w	3= Neut	ral (N)	4 = A	Agree	(A), 5		gly Ag
I am an organic producer because:	SD	D	N	A	SA	N/A	•
Profitability due to price premium	1	2	3	4	5	N/A	•
Profitability due to lower cost of production	1	2	3	4	5	N/A	
Lifestyle associated with organic production	1	2	3	4	5	N/A	
Desire to better care for the animals and the land	1	2	3	4	5	N/A	
Desire to stay away from large debt	1	2	3	4	5	N/A	
Like the physical tasks involved	1	2	3	4	5	N/A	
Did not want to expand to managing a large herd	1	2	3	4	5	N/A	
☐ 0 = No, we have never used managed grazing ☐ 1= We used to, but are no longer doing so CO ☐ 2= Yes, we are currently using managed graz What year did you start using it?	ONTIN zing,	UE T(	) J.3.2				
$\Box$ 1= We used to, but are no longer doing so $CC$ $\Box$ 2= Yes, we are currently using managed graz	ONTIN  zing,  SKIF  ur farm?	UE TO J	) J.3.2				
☐ 1= We used to, but are no longer doing so CO☐ 2= Yes, we are currently using managed graze.  What year did you start using it?  J.3.2. What year did you start managed grazing on you  J.3.3. When did you stop being a managed grazier?	ONTIN  zing,  SKIF  ur farm?  ed grazio	ete the	1.3.6 table	using			ee (SA)
☐ 1= We used to, but are no longer doing so CO☐ 2= Yes, we are currently using managed graze.  What year did you start using it?  J.3.2. What year did you start managed grazing on you J.3.3. When did you stop being a managed grazier?  J.3.4. Why did you decide not to continue as a managed.  J.3.5. Why are you no longer using managed grazing?  1 = Strongly Disagree (SD), 2= Disagree (D), 3= Neurand N/A= not applicable, Then, SKIP TO J4  I am no longer a managed grazier because:	ontinizing, skipskip ur farm?  ed grazio Completral (N),  SD	ete the 4= Aş	table gree (A	using A), 5 =	= Stron SA	gly Agr	ee (SA)
☐ 1= We used to, but are no longer doing so CO☐ 2= Yes, we are currently using managed graze.  What year did you start using it?  J.3.2. What year did you start managed grazing on you J.3.3. When did you stop being a managed grazier?  J.3.4. Why did you decide not to continue as a managed.  J.3.5. Why are you no longer using managed grazing?  1 = Strongly Disagree (SD), 2= Disagree (D), 3= Neu and N/A= not applicable, Then, SKIP TO J4  I am no longer a managed grazier because:  It is not profitable because of productivity loss	ontinizing, SKIF ur farm? ed grazio Completral (N),	ete the 4= As	table gree (2)	using A), 5 =	SA 5	gly Agr	ee (SA)
☐ 1= We used to, but are no longer doing so CO☐ 2= Yes, we are currently using managed grazed.  What year did you start using it?	ONTINIZING, ZING, SKIF  ur farm?  ed grazio Completral (N),  SD 1 1	ete the 4= As	table gree (2)	using A), 5 =	SA 5 5	gly Agr N/A N/A N/A	ee (SA)
□ 1= We used to, but are no longer doing so Co □ 2= Yes, we are currently using managed grazing.  What year did you start using it?  J.3.2. What year did you start managed grazing on you  J.3.3. When did you stop being a managed grazier?  J.3.4. Why did you decide not to continue as a manage.  J.3.5. Why are you no longer using managed grazing?  1 = Strongly Disagree (SD), 2= Disagree (D), 3= Neu and N/A= not applicable, Then, SKIP TO J4  I am no longer a managed grazier because:  It is not profitable because of productivity loss  Work related physical tasks (e.g. fencing, water)  Not enough support and technical assistance	ontinizing,  SKIF  ur farm?  ed grazid  Completral (N),  SD  1 1 1	ete the 4= A <sub>3</sub>	table gree (A	using A), 5 = A 4 4 4	SA 5 5 5	N/A N/A N/A N/A	ee (SA)

<b>J.3.6.</b> Did the transition to managed grazing lower your net income?
$\square$ 0 = No, Net income losses were negligible, <b>SKIP TO J.3.8</b>
$\square$ 1 = No, We saved money immediately, <b>SKIP TO J.3.8</b>
$\square$ 2 = Yes, We had substantial net income loss when transitioning <b>CONTINUE TO J.3.7</b>
<b>J.3.7.</b> What percentage or amount of your net income did you give up to become a managed grazier (due to lower productivity or higher costs)?
For how many years did you experience this loss?
<b>J.3.8.</b> Currently, by how much or what percentage do you think managed grazing increases your annual net farm income?
<b>J.3.9.</b> What is the main reason you first converted to managed grazing?

**J.3.10.** Why are you a grazier? Complete the table <u>using the scale</u>:

1 = Strongly Disagree (SD), 2= Disagree (D), 3= Neutral (N), 4= Agree (A), 5 = Strongly Agree (SA) and N/A= not applicable

I am a managed grazier because:	SD	D	N	A	SA	N/A
Profitability due to lower cost of production	1	2	3	4	5	N/A
Lifestyle associated with grazing production	1	2	3	4	5	N/A
Desire to better care for the animals and the land	1	2	3	4	5	N/A
Desire to stay away from large debt	1	2	3	4	5	N/A
Labor saving benefits	1	2	3	4	5	N/A
Did not want to expand herd size	1	2	3	4	5	N/A
Like the physical tasks involved	1	2	3	4	5	N/A
Interest in managing grasses	1	2	3	4	5	N/A

J.4.	Do you have any other comments about our study or any part of the interview that you would like to share with us?
J.5.	As part of our long-term study we will need to follow up and continue the data collection with selected farmers. This follow up would include an additional visit in year 2011 and another visit in year 2012. During these visits we would only collect samples of milk and feed and document any important managerial changes that may have occurred in your farm. Would you be willing and interested to participate in the follow up study?
	□ 2= Yes; □ 1= Give me call when the time comes □ 0 = No
	Thank You Very Much!
Surv	ey Ending Time:
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