

Fragebogen

1 Introduction

Welcome!

To participate in our survey, please read the following information thoroughly and indicate below whether you are consent to take part in the study or not.

Thank you very much.

Consent:

Contentious practices in dairy farming

Principal Investigators:

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Funding

This research is funded by the University of British Columbia – Faculty of Land and Food Systems.

Recruitment

Participation in this project is open to anyone over 18 years of age. You were recruited to participate in this study using Amazon's Mechanical Turk service.

Study Procedures

After answering a few demographic questions, you will be invited to provide your thoughts on a contentious practice in dairy farming. This survey should take about 10-15 minutes to complete. This survey collects only answers to questions and analysis of data is limited to this survey.

Risks

There are no known risks associated with this study.

Confidentiality

We will not collect any information that allows us to identify or contact you individually. The data you provide will be stored in a secure database and will only be accessible to the research team.

This survey is hosted by Questback. The privacy and security of the survey service provider can be found at: <http://www.questback.com/security-statement>

Consent

I am over 18 years of age and I understand my participation in this study is entirely voluntary and that I may choose to quit at anytime. I understand that any information I provide will be anonymous and will only be stored and analyzed for the purposes of this research.

☐ I consent to participate in this study.

If you have any questions or concerns about what we are asking of you, please contact one of the study leaders listed above. If you have concerns about your treatment or rights as a research subject, you may contact the Research Subject Information line in the UBC Office of Research Services at 604.822.8598 or email at: RSIL@ors.ubc.ca.

2.1 Residency State

Thank you for participating.

To start, please tell us a little about yourself.

In which country do you currently reside?

Please select
United States of America
Other

2.2.1 Residency State 2

Which state are you currently living in?

Please select
Alabama
Alaska
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
Florida
Georgia
Hawaii
Idaho
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maine
Maryland
Massachusetts
Michigan
Minnesota
Mississippi
Missouri
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Nebraska
Nevada
New Hampshire
New Jersey
New Mexico
New York
North Carolina
North Dakota
Ohio
Oklahoma
Oregon
Pennsylvania
Rhode Island
South Carolina
South Dakota
Tennessee
Texas
Utah
Vermont
Virginia
Washington
West Virginia
Wisconsin
Wyoming

2.3 Gender

What is your sex?

- ☐ Female
- ☐ Male
- ☐ I prefer not to answer.

How old are you?

Please select

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2.4 Values

For the following, please think of your personality. We are interested in how important different principles are in your life.

Please rate the importance of the following as a life guiding principle.

	Opposed to my principles	Not important	Rather not important	Rather important	Important	Very important	Of supreme importance
Power, i.e. social power, authority, wealth.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Achievement, i.e., success, capability, ambition, and influence on people and events.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hedonism, i.e. gratification of desires, enjoyment in life and self-indulgence.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stimulation, i.e. daring, a varied, challenging and exciting life.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Self-Direction, i.e. creativity, freedom, curiosity, independence, and choosing one's own goals.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Universalism, i.e. broadmindedness, beauty of nature and arts, social justice, a world at peace, equality, wisdom, unity with nature, and environmental protection.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Benevolence, i.e. helpfulness, honesty, forgiveness, loyalty, and responsibility.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tradition, i.e. respect for tradition, humbleness, accepting one's portion in life, devotion, and modesty.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conformity, i.e. obedience, honoring parents and elders, self-discipline, and politeness.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Security, i.e., national security, family security, social order, cleanliness and reciprocation of favors.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.5 Belief in animal mind

In the next section we move from how you view yourself, to how you view animals - specifically cows.

Please indicate how much you think the following statements are true.

	No, definitely not.	No.	No, probably not.	I am not sure.	Yes, probably.	Yes.	Yes, definitely.
Cows are conscious and aware of what is happening to them.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cows are capable of experiencing a range of feelings and emotions (e.g., pain, suffering, contentment, maternal affection, aggression, fear, frustration, loneliness, and boredom)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cows are able to think to some extent to solve problems and make decisions about what to do.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cows are more mechanically responding to instinctive urges without awareness of what they are doing.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cows have limited mental ability to see cause and effect of an action.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cows experience emotions less intensely than humans.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.6.1 Cow Calf Introduction

In the next part we want to ask you some questions about dairy farming. Please read the following text thoroughly as the information given is

necessary for answering the next section.

On dairy farms cows are kept for the purpose of producing milk for human consumption. In order to produce milk, **a cow needs to give birth to a calf** approximately once a year. **Once born, there are two main ways calves can be handled:**

1. The calf is separated from the cow within the first few hours of birth and moved to a separate barn so that there is no contact between cow and calf ("**early separation**").

OR

2. The calf stays with the cow for some days or weeks and is then moved to a separate barn and there is no contact between cow and calf from then on ("**later separation**").

2.6.2 Cow Calf Introduction 2

In the next part we want to ask you some questions about dairy farming. Please read the following text thoroughly as the information given is necessary for answering the next section.

On dairy farms cows are kept for the purpose of producing milk for human consumption. In order to produce milk, **a cow needs to give birth to a calf** approximately once a year. **Once born, there are two main ways calves can be handled:**

1. The calf stays with the cow for some days or weeks and is then moved to a separate barn and there is no contact between cow and calf from then on ("**later separation**").

OR

2. The calf is separated from the cow within the first few hours of birth and moved to a separate barn so that there is no contact between cow and calf ("**early separation**").

2.7 separation Yes No

There are arguments for and against both practices (early vs. later separation of cow and calf). Although you may not know these arguments, what is your initial opinion on how calves should be separated?

- ☐ They definitely should be separated later.
- ☐ They should be separated later.
- ☐ They probably should be separated later.
- ☐ I am not sure.
- ☐ They probably should be separated early.
- ☐ They should be separated early.
- ☐ They definitely should be separated early.

2.8 Cow-Calf arguments

Below you see a list of arguments for and against early separation other people have told us.

Please specify the extent to which you agree with each of them.

	I strongly disagree.	I disagree.	I tend to disagree.	I neither agree nor disagree.	I tend to agree.	I agree.	I strongly agree.
Cows and calves enjoy being together.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Cows and calves experience few emotions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The cow has an emotional attachment to her calf.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The attachment between cow and calf is different from that between human mother and child.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Early separation of cow and calf causes distress for both.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is better for cow and calf to separate early because later separation is very hard on the mother.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Early separation of cow and calf does not improve calf health.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Early separation reduces disease transmission from the cow to the calf.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
By allowing calves to nurse freely from the cow, the calf has better access to milk.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
By separating cow and calf early, the farmer can ensure that the calf receives adequate colostrum (the first milk which is important for calf health).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
With later separation there is a risk that the cow injures the calf.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The cow helps to protect the calf from threats and injury.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The calf's suckling can damage the cow's teats.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	I strongly disagree.	I disagree.	I tend to disagree.	I neither agree nor disagree.	I tend to agree.	I agree.	I strongly agree.
Frequent suckling by the calf helps prevent common cow diseases.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A cow that is together with her calf produces more milk.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If the cow nurses her calf, she won't release her milk to the farmer.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nature tells us the cow enjoys the companionship of her calf for a certain time.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Even when separated early from the cow, calves can develop normal social behavior.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Early cow-calf separation is done to reduce labor for the farmer and does not consider the welfare of the calf and cow.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Farmers treat their cows with respect because cows are their livelihood.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For farms that separate cows and calves early it is hard to change practices.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Housing systems on dairy farms can be changed to maximize benefits for cows and calves.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Data quality check: please tick off 'I agree'.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.9 separation Yes No 2

After considering the previous arguments, how do you think calves should be separated?

- ☐ They definitely should be separated later.
- ☐ They should be separated later.
- ☐ They probably should be separated later.
- ☐ I am not sure.

- ☐ They probably should be separated early.
- ☐ They should be separated early.
- ☐ They definitely should be separated early.

2.10 General perception theme

What do you think about the topic of separation of cow and calf in general?

	I strongly disagree.	I disagree.	I tend to disagree.	I neither agree nor disagree.	I tend to agree.	I agree.	I strongly agree.
I think the discussion about when cow-calf separation is done on dairy farms is an important one.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The discussion about cow-calf separation on dairy farms is an annoyance.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am indifferent about the discussion on cow-calf separation on dairy farms.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.11 Connection agriculture

Thank you for participating so far!

Please indicate what connection you have with agriculture. (Multiple answers possible)

- ☐ I have no connection to agriculture.
- ☐ I spent holidays or vacations on a farm.
- ☐ I have seen pictures or movies about farms.
- ☐ I am regularly in contact with agriculture through friends neighbors, hobbies etc.
- ☐ Someone in my family works in agriculture.
- ☐ I work or worked in agriculture.
- ☐ Other

2.12 Commercial farm and pet

Have you ever been on a commercial dairy farm, i.e. a dairy farm where farmers work as main occupation?

- ☐ No, never.
- ☐ Yes, once.
- ☐ Yes, a few times.
- ☐ Yes, I am regularly on a commercial dairy farm.

Have you ever owned a pet?

- ☐ No, never.
- ☐ Yes, in the past but it was more than five years ago.
- ☐ Yes, in the last five years I owned at least one pet.
- ☐ I currently own at least one pet.

2.13.1 Pet Yes, further questions

Which type of pet did or do you own? (Multiple answers possible)

- ☐ Dog

- ☐ Cat
- ☐ Fish
- ☐ Rodent
- ☐ Reptile
- ☐ Insect
- ☐ Amphibian
- ☐ Bird
- ☐ Pony/Horse/Donkey
- ☐ Other

To what extent do you agree with the following statements about you and your pet/s?

	I strongly disagree.	I disagree.	I tend to disagree.	I neither disagree nor agree.	I tend to agree.	I agree.	I strongly agree.
Making me laugh is part of my pet's job.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I talk to my pet about things that bother me.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My pet gives me a reason for getting up in the morning.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My pet is an equal in my family.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My pet is constantly at my side.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In many ways, my pet is the best friend I have.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.14 Rural-Urban

Which best describes where you are currently living?

- ☐ Urban
- ☐ Suburban
- ☐ Rural (not on a farm)
- ☐ Rural (on a farm)

Which best describes where you lived most of your childhood?

- ☐ Urban
- ☐ Suburban
- ☐ Rural (not on a farm)
- ☐ Rural (on a farm)

2.15 Consumption Dairy products

Are you on a vegetarian or vegan diet?

- ☐ No.
- ☐ I do not eat meat but fish.
- ☐ Yes, vegetarian, i.e. I don't eat any kind of meat and fish.
- ☐ Yes, vegan, i.e. I don't eat any kind of animal products including e.g. meat, fish, milk and eggs.

2.16 Marriage and Children

Do you have children?

- ☐ No.

- ☐ Yes, one.
- ☐ Yes, two.
- ☐ Yes, three.
- ☐ Yes, more than three.

What best describes your highest level of education?

- ☐ High school graduate
- ☐ Vocational or apprenticeship degree
- ☐ Undergraduate degree
- ☐ Master's degree
- ☐ PhD
- ☐ Professional degree (e.g. DVM, MD, LL.B. or JD)
- ☐ Other

2.17.1 Age Children**How old is the youngest of your children?**

Please select

Less than 6 months

6 to 11 months

1 - 5 years

6 - 10 years

10-15 years

Older than 15 years.

Did you or the mother of your children respectively, breastfed at least one of your children?

- ☐ No.
- ☐ Yes.
- ☐ I don't know.

3 End of survey

You have finished the survey.
Thank you for participating!

If you are interested in the findings of this study, please send an email to: gesabusch@gmail.com

The code for your compensation via MTurk is:

3SG7

Please write down this code and enter it on the MTurk page.

4 Endseite
