

QUESTIONNAIRE FOR FARMERS, FARM WORKERS AND VETERINARIANS

This questionnaire (interview) is designed to collect information about the prevalence and risk factors of brucellosis and abortions in cattle and goats. These data will be used to inform policy makers and service providers to improve monitoring and surveillance of infectious diseases. This interview will take 5 min. The owner's names, farm's name, and names of farm workers will be kept confidential.

This questionnaire contains 4 sections: information about the interview, respondent address and information, herd management, and knowledge of the diseases by respondents.

I. Information about the interview

1.1. Interview language:-----

1.2. Interviewer name: -----

	Day/month/year
Date of first interview attempt	
Date and time arranged for second interview attempt	
Date and time arranged for third interview attempt	
Date of interview	
Date form checked by supervisor	
Date entered in computer	

II. Respondent information

2.1. Sectors of origin

Rwimiyaga Karangazi Bigogwe Kinigi Ndera

2.2. Cell and village of origin / GPS

CellVillage.....GPS.....

2.3. Sex of respondents: Female Male

2.4. Are you? Herd owner farm worker sector veterinarian district veterinarian

2.5. How long have you been in this job < 1 year 2 - 3 years 4-5 years > 5 years

2.6. Education level: Tertiary education Secondary education Primary None

III. HERD MANAGEMENT

3.1. How many cattle do you have on this farm/sector/district? Less than 10 Between 11-20

Between 21-30 between 31 – 40 between 41 – 50 Above 50

3.2. What are the species present on this farm? Cattle Goats Sheep Dog

3.3. What is the purpose of cattle production?

Meat Milk Mixed Prestige

3.4. What is the market of milk produced?

Own consumption Inyange industries cooperatives others

If others which ones?

3.5. Milking procedures: manual milking machine

3.6. Do you boil your milk before selling or before home consumption? Yes No

3.7. Do you make cream milk at home? Yes No

3.8. Do you make butter, cow oil from milk at home? Yes No

3.9. If your answer is yes, do you boil milk before? Yes No

3.10. Do you use cow oil at home? Yes No

3.11. If yes do you mix with food or fly the food? Mix fly

3.12. Is there any cohabitation between wildlife and domestic animals? Yes No

If yes go to question 3.13 if no go to question 3.14

3.13. Which kind of wildlife animals do you always see in contact with domestic animals?

Buffalos zebra gazelles elephants others

If others please mention them

3.14. How often do you see wildlife animals?

Regularly sometimes rarely

3.15. In which season or month do you see wildlife animals living the park?

Heavy sunny (June – September) light rainy (October – December)

light sunny (January – February) heavy rainy season (March – may) regularly

3.16. Do you share water sources with others? Shared personal

3.17. What is the source of water? REG rain river other

If others please mention

IV. KNOWLEDGE OF THE DISEASES

4.1. Are you aware of the transmission of contagious diseases from wildlife to domestic animals?

Yes No

4.2. If yes which of the following diseases do you often find in your animals?

Tuberculosis Brucellosis Typanosomiasis Anaplasmosis Easter cost fever

If others which ones:

4.3. Do know brucellosis? Yes no

4.4. Did you ever face infertility cases in your herd? Yes no

4.5. Can brucellosis affect humans? Yes no

4.6. Did you ever get sick of brucellosis or disease similar to Malaria? Yes no

4.7. How often does calving occur? Naturally assisted c – section

4.8. If assisted do you wear protective clothes during assisted calving? Yes no

4.9. Did you ever see some abortions in your herd? Yes no

4.10. How do you dispose the abortive organs? Dogs deep burial open air

4.11. Do you vaccinate against brucellosis? Yes No

If yes when last did you vaccinate against brucellosis? Every year this year last year

4.12. Do you consult veterinarians? Yes no

4.13. Do veterinarians come regularly to collect samples? Yes no

If yes which ones?

Blood faeces foetuses abortion tissues

4.14. What type of reproduction do you use? Natural mating artificial insemination

4.15. Do you have your own bull? Yes no

4.16. Do you know other diseases that are characterized by abortions? Yes no

If yes which ones?

3.14. Do you clean & disinfect animals, stall, and pasture? Yes no

3.15. If yes how many times a month? once twice more than twice

3.16. What chemical do you usually use for cleaning & disinfection?

3.17. Where did animals come from? In country Uganda Tanzania

3.18. Did you perform any test before their entry? Yes No

If yes which one? Rose Bengal test if others please specify.....

3.19. Do you sometimes see animals crossing borders? Yes No

If yes by which means of transport? By vehicle by feet

Note: Questions highlighted in Gray are related to public health

IKINYARWANDA

IBIBAZO BIZIFASHISHWA MU KIGANIRO N' ABOROZI, ABAKOZI, N'ABAVUZI Z' AMATUNGO

Ibi bibazo bizifashishwa mu gushakisha amakuru ajyanye n'indwara y'amakore n' ukuramburura mu nka n' ihene. Aya makuru azafasha abashinzwe ubuhinzi n'ubworozi gukaza ingamba zo gukumira indwara zandura zifata abantu, amatungo, n'inyamaswa. Iki kiganiro kizamara iminota itanu (5). Amazina yanyu cyangwa y' ifamu azagirwa ibanga.

Ibi bibazo bigabanyijemo ibice bine (4): gahunda y' ikiganiro, umwirondoro w'ubazwa, imicungire y'ubushyo, n' ubumenyi ku ndwara z'amatungo n'abantu.

1. Gahunda

1.1. Ururimi ruzakoreshwa: -----

1.2. Izina ry' uzayobara ikiganiro:-----

	Umunsi / ukwezi/umwaka
Itariki ya mbere y'ikiganiro	
Itariki n'isaha by' ikiganiro ku inshuro ya 2	
Itariki n'isaha by' ikiganiro ku inshuro ya 3	
Itariki n'isaha by' ikiganiro nyirizina	
Itariki ibi bibazo byasuzumwe na mwarimu	
Itariki ibibazo n'ibisubizo byinjiriye muri mudasobwa	

2. Umwirondoro w'ubazwa

2.1. Umurenge ukomokamo

Rwimiyaga Karangazi Bigogwe Kinigi Ndera

2.2. Icyo akora: Umworozi Umukozi Umuveterineri w'Umurenge w'Akarere

2.3. Akagari, Umudugudu, aho aherereye (GPS)

Akagariumudugudu.....GPS.....

- 2.4. Igistina : Gore Gabo
- 2.5. Umaze igihe kingana iki muri aka kazi? umwaka 1 imyaka 2 - 3 imyaka 4

2.6. Wize ayahe mashuri? Kaminuza Ayisumbuye Abanza Nta mashuri

3. IMICUNGIRE Y' UBUSHYO

3.1. Mufite inka zingahe muri ubu bworozi / Umurenge / Akarere? Minsi y'icumi 10 Hagati 11-20
Hagati 21-30 Hagati 31 – 40 hagati 41 – 50 Hejuru ya 50

3.2. Ni ayahe matungo mufite hano? Inka ihene intama imbwa

3.3. Intego yanyu ni ukorora inka zitanga amata cyangwa umukamo?

Inyama Amata byombi icyubahiro

3.4. Niba ari umukamo, amata muyagurisha he?

Kwinywera mu rugo Inyange Koperative abandi

Niba ari abandi ni bande?

3.5. Uburyo bwifashishwa mu gukama: amaboko imashini ikama

3.6. Mubanza guteka amata mbere yo kuyagurisha cyangwa kuyanywa? Yego oya

3.7. Mujya mukore ikivuguto mu rugo? Yego oya

3.8. Mujya mukora amavuta y' inka mu rugo? Yego oya

3.9. Niba mukora ikivuguto cyangwa amavuta mujya mubanza kubiza amata? Yego oya

3.10. Mujya murya amavuta y'inka? Yego oya

3.11. Niba ari yego murayarunga cyangwa murayakarangisha? kurunga gukaranga byombi

3.12. Mujya mubona amatungo arisha ari kumwe n'inyamaswa? Yego Oya

Niba ari yego komeza ku kibazo cya 8 niba ari oya komeza ku cya 9

3.13. Ni izihe nyamaswa mukunda kubona ziri hamwe n' amatungo?

Imbogo imparage gazelle inzovu izindi

Niba hari izindi wazivuga

3.14. Izo nyamaswa uzibona kangahe?

Buri minsi rimwe na rimwe gake cyane

3.15. Mu kihe gihe cyangwa ukwezi mukunze kubona inyamaswa ziva muri pariki?

impeshyi (Kamena – Nzeli) Umuhindo (Ukwakira – Ukuboza)

Urugaryi (Mutarama – Gashyantare) Itumba (Werurwe – Gicurasi) buri gihe

3.16. Amazi y'inka (ibumbiro) hari abo murifatanyije? Yego Oya

3.17. Ayo mazi aturuka he? REG imvura umugezi ahandi

4. UBUMENYI KU NDWARA Z' AMATUNGO

4.1. Muzi ko indwara z'inyamaswa zafata n' amatungo? Yego Oya

4.2. Ni izihe ndwara mu kunze kubona mu bworozi?

Igituntu amakore indwara y'ibitotsi Gasheshe Ikibagarira
niba hari izindi ni izihe?

4.3. Muzi amakore? Yego Oya

4.4. Hari inka zanze kwima inshuro nyinshi? Yego Oya

4.5. Ese abantu barwara amakore? Yego Oya

4.6. Waba warigeze kurwara amakore cyangwa indi ndwara imeze nka Malariya? Yego Oya

4.7. Ese hari inka zigeze kuramburura? Yego Oya

4.8. Ibirambu bishyira he? Imbwa kubitaba turabyihorera

4.9. Ese inka zikunze kubyara gute? Ku bwazo zifashijwe zibazwe

4.10. Iyo muzifasha kubyara muba mwambaye akarindantoki cyangwa itaburiya? Yego oya

4.11. Muja mukungira amakore? Yego Oya

Niba ari yego uheruka gukingira ryari? Buri mwaka uyu mwaka umwaka ushize

4.12. Muja mwitabaza abavuzi b' amatungo? Yego Oya

4.13. Abavuzi b'amatungo bajya baza gufata ibizami? Yego Oya

Niba ari yego bafata ibihe bizami?

Amaraso amase ibirambu uturemangingo tw'ibirambu

4.14. Ni ubuhe buryo mukoresha mubangurira? Ikimasa Gutera intanga

4.15. Ufite ikimasa cyawe? Yego Oya

4.16. Hari izindi ndwara muzi zitera inka kuramburura? Yego Oya

Niba ari yego ni izihe?

4.17. Muja musukura ikiraro, ubwatsi n' amatungo mukoresheje umuti? Yego Oya

Niba ari yego ni kangaha mu kwezi? Rimwe Kabiri birenze kabiri

4.18. Mukoresha uwuhe muti?

4.19. Mugurira hehe inka? Mu gihugu mu Bugande muri Tanzaniya

4.20. Hari ikizamini wafashe mbere yo kugura? Yego Oya

Niba ari yego ni ibihe? Amaraso niba hari ibindi ni ibihe.....

4.21. Muja mubona inka zambukiranya imipaka? Yego Oya

Niba ari yego zambuka gute? Ziri mu modoka n' amaguru

ICYITONDERWA: IBIBAZO BIRI MU IBARA RY'IKIGINA BIJYANYE N'IBIKORWA BISHOBORA GUTUMA ABANTU BANDURA AMAKORE Y'AMATUNGO CYANGWA IMISUHA.