

On-farm/household, questionnaire

Applied to: goat farms & cooperative dairy herds (buffalo and cattle)

Personal questionnaire

Questionnaire Numbers: Serum/Milk Collection Numbers:

Surveyor Name:

Survey Date Year Month Day
Survey Site County Townships Village
Surveyor

Whether By respondents I answer the questionnaire or not () ①Yes ②No

1. General Personal Data

- Name of respondent: ()
- Respondent (): ① owner ② manager ③ worker ④ family member
- Gender () ① Male ② Female
- Age ()Years old
- Nationality () ① Han ② Yi ③ Dai ④ Others (specify:)
- Educational level ()
① Primary ② middle ③ high school ④ university/collage
⑤ other (specify:)
- How long in business () years
- Number of family members: () man, () woman () children(<16)
How many of them involved in livestock business: (), man () woman
- No of hired workers currently involved in livestock business:
()man, () woman

2. Production data/socio economic

- Animal species/breed, numbers ()

Species	Target purpose	Total No	Breed 1 (specify)	Breed 2 (specify)
Cattle				
Goats				
Buffalo				
Pigs				
Others				

- Farm type ()

① cooperative ② small holder ③ other (specify:)

- Production figures

- How many calves/lambs born () per year
- Milk yield at average () per day
- How many bulls/goats for sell () per year

- Entry of animals (last 12 months)

Species	Total	Same village	Same District	Other (specify)

If it is from the own reproduction, the township and village are ()

- Exit of animals (last 12 months) (township)

Species	Total	Same village	Same District	Other (specify)

- What do you do with the milk ()

① own consumption ② sell ③ make cheese (own processing) ④ other

- Where is the produced milk supplied to? ()

① same village ② same district ③ other district

- Do you supply milk to a dairy company or milk vendor: () ① yes ② no

If yes, provide address: ()

- Land use () ①own ②rented ③purchased

- Feeding with ()

①crop ②corn ③grass and silage ④other(specify:)

- Income

- Total income (Yuan) in last 12 months

- Income (Yuan) by category in last 12 months

domestic livestock: () from crops, () from both animals, and crops() from others (specify:)

- Income trend 2010 and 2011: () ① upwards ② downwards

If change observed, what is the most important reason: ()

3. Animal health

- List observed animal diseases or symptoms in the last 12 months

Species	No of animals in stock	No of animals infected	No of Death	Disease/symptoms

- Ranking of the first 3 most important

Disease/symptoms	Loss from the disease	Action to be undertaken	Rank by importance

4. Disease prevention

- Access to Vet Services

What do you do when you find a sick animal? By () ① company vet
② local vet ③ treat on my own ④ others (specify:)

- Vaccination

Type of vaccine	From where	When applied	By whom	Performance

- Does a farm gate bio-security measure exist? () ① yes ② no

If not, why not () ① not important ② not comfortable ③ too expensive

- (4) How often is the measure of animal house cleaning performed?

Please specify: ()

- Is there a disinfection program performed in farm? () ① yes ② no

If yes, please specify: ()

- If there is a sick animal, what do you do with it? () ① Destroy ② keep it in separation ③ keep it without separation ④ sell ⑤ other
(specify:)

- If you have a news that a disease is occurring in your township or village, what do you do with your animal farm? Please specify: ()

- What do you do with a dead animal body? ()

① sell for slaughter ② meat for family consumption ③ deep bury with disinfection ④ others
(specify)

- Quarantine for newly-introduced animals,

If you introduce a new animal, do you have a quarantine measure? ()
① yes ② no

If yes, please specify how: () and why: ()

① avoid disease ② follow regulations ③ advice from vet ④ other

If not, why not: ()

① not important ② not comfortable ③ too expensive ④ other

- If a newly-introduced animal is sick, what do you do with it? ()
 ① keep it in separation ② keep it without separation ③ give it back to the former owner ④ report to officers ⑤ other
- When you have a plan to introduce animals, what do you most concern?
 ① breed ② price ③ disease ④ other
- When you introduce animals, do you ask for an animal health certificate?
 ① yes ② no
- If yes, which disease are of your concern
 If no, why not? Please specify: ()
- Do you share pasture (communal grazing) or equipment (e.g. for milking) with other farmers/villagers ① yes ② no

5. Reproductive disorders

- Survey of abortion history (over last 12 months)

Type	No	When (month)	Status of pregnancy			Comments
			early	mid	late	
Heifer						
Cow						
Goat (1st pregnancy)						
Goat (>2nd pregnancy)						

- How does the fetus look like: ()
 ① fresh ② leathery ③ rotten ④ unknown
- What are the possible cause of the abortion: ()
 ① trauma ② new animals introduced ③ other (specify:)

④ unknown

- What do you do with the aborted materials? ()
① deep burying ② feed to dog ③ others (specify:)

④ unknown

- If ever, did you use gloves when you handled the abortion materials/fetus?
() ① yes ② no

if no, why not? () ① not comfortable ② too expensive ③ not needed

- How do handle the problem of observed abortion in animals? ()

① inform vet ② handle on my own

- What they do with the female with abortion? ()

① still keep it ② inseminate it again ③ slaughter for meat ④ sell it

⑤ others (specify:)

- What do you do with the milk from a cow with an abortion history? ()

① still milking ② milking, but not use for human consumption ③ discharge

④ others(specify:)

6. Infertile cows/goats/buffalo (adjust by species)

- Herd structure (add goats)

Total number of cows/goats	Calves	Heifers	Bulls

- Herd fertility (cows)(adjust by species)

Total no. cows/goats	Pregnant	Not pregnant for 12 months	Not pregnant for 24 months

- What do you do with cows which do not give birth in the last 2 years?(adjust for goats)

①still keep ②sell ③other

- Herd fertility (bull)

What do you use for breeding purpose?

① bull (own) ②bull (neighbor) ③AI

④other (specify:)

- Bull not successfully breeding performance (what they do with such a bull/goat): (specify:)

7. Zoonoses

- Do you know any disease which can be transmitted from animals to human?

() ① yes ② no

If yes, please kindly fill the table below

Serial	Name of diseases	Symptoms	Mode of transmission
1			
2			
3			
4			
5			

- Do you have any specific knowledge for Toxoplasmosis and Brucellosis?

() ① yes ② no

if yes, please kindly fill the table below

Name of diseases	Symptoms	Mode of transmission
Brucellosis		
Toxo		

- What are the potential risk factors for transmission of Brucellosis? ()
 ① contact to sick animal ② drink milk ③ eat meat ④ handle either milk or meat ⑤ keep pet animals
- What are the potential risk factors for transmission of Toxoplasmosis?
 () ① contact to sick animal ② drink milk ③ eat meat ④ handle either milk or meat ⑤ keep pet animals
- What are the key factors when handling milk for self consumption? ()
 ① drink fresh milk ② drink less ③ cook well ④ keep in icebox ⑤ keep in room temperature

8. Zoonoses Human(Case survey)

- What symptom do you endurance?
 ○ fever () ①yes ②no
 If yes, fever lasted for () days, the temperature was ()°C
 ○ sweating () ①yes ②no
 ○ joint & muscular pain () ①yes ②no
 ○ testes inflammation () ①yes ②no
- Livestock contact history (tick the relevant one)
 ○ pasture cattle or goats ()

- butcher ()
 - artificial insemination ()
 - vet ()
 - skin lamb with bare hands ()
 - other (specify:)
- Possible transmitted route (tick the relevant one)
 - occupational contact with infected animals ()
 - ingesting raw milk ()
 - ingesting cheese ()
 - contact with *Brucellosis* patients ()

9. Environment

- Transportation:(Km) from main roads, (Km) from village, (Km) from the nearest farm.
- Water supply from() ① well ② tap water ③ a shared river ④ rainwater
- Does the office, production area and workers living area separated? () ① yes ② no
- Does there is a waste-processing areas in your farm? ()
 - ① yes ② no
- How do you deal with the manure? ()
 - ① sell to organic fertilizer company ② self use (manure to own land) ③ discard ④ other (specify:)