Appendix 4


Date: ……………………  Serial No…………..

1- Governorate:
(i) Khartoum
(ii) Umdurman
(iii) Khartoum North

2- Locality:
(i) Jebel Awlia
(ii) Umbeda
(iii) Karari
(iv) Bahri
(v) Sharq elneil

Personal data of the farm owner:

Name (farm owner): …………………………………………………
Address:………………………………………………………………

3- Occupation:
(i) Farmer   (ii) trader   (iii) government official
(v) other (specify).

4- Education: (i) illiterate  (ii) Khalwa  (iii) primary (v) high secondary (vi) University (vii) postgraduate.

Herd data:

5- Type of the herd: (i) Pure (ii) mixed

6- Number of animals raised: (i) Cattle ……  (ii) Goat ….(iii) Sheep……
(iv) Camels ……

Sheep:

7- Breed source: (i) local market (ii) bred within the farm.
8- Age (i) < 2 year (ii) 2 to 4 years (iii) > 4 years

9- Do you vaccinate your animals against brucellosis? 
   (i) Yes  (ii) No

10- Do you have abortion cases in your farm?  
    (i) Yes  (ii) No

11- Do you know about brucellosis?  
    (i) Yes  (ii) No

**Herd management data:**

12- What type of breeding do you adopt?  
    (i) Natural insemination  (ii) Artificial insemination.

13- How do you feed and water your animals?  
    (i) In separate containers  
    (ii) Common container.

14- What is the source of the green fodder you provide to your herd?  
    (i) Grazing land.  
    (ii) Cut it from the farm.  
    (iii) Buy it from other farm.  
    (iv) Buy it from market.

15- What is the source of water that you provide to your herd?  
    (i) Common canal.  
    (ii) Wells  
    (iii) Tap water