



Sampling Plan for Serosurveillance of FMD in India under Livestock Health & Disease Control Programme (LHDCP) - 2023



ICAR-National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI)

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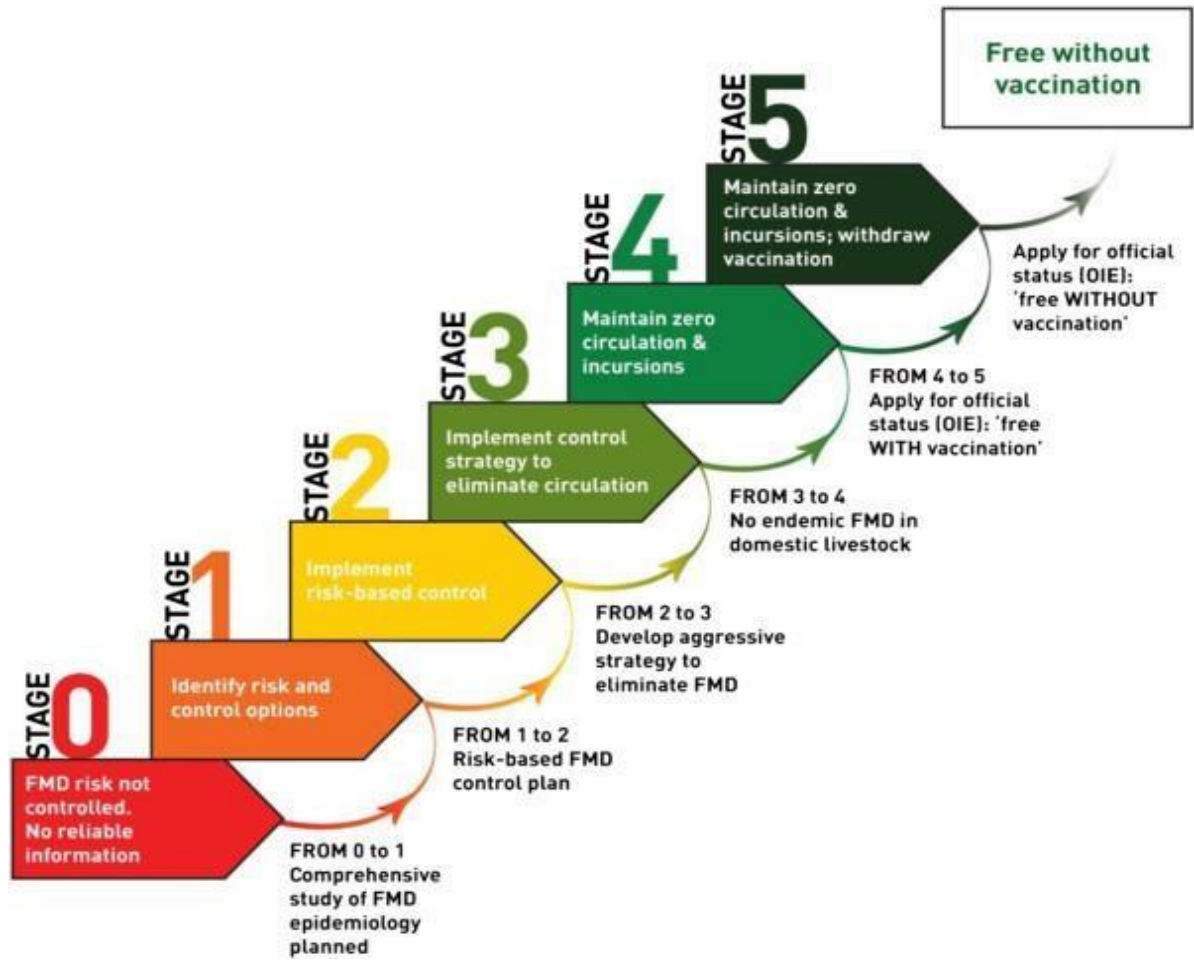
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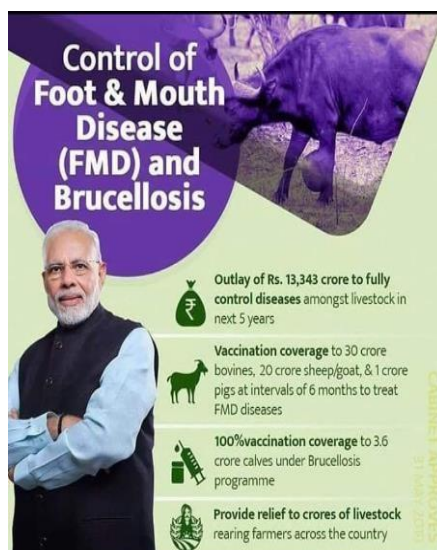
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FMD Sero-surveillance

Introduction and objectives

India is in stage 3 of the progressive control pathway of FMD. In order to contain the disease, mass vaccination program have been taken up on a country-wide scale. If India is progressing to the next stage of the PCP, it should have proper post-vaccination monitoring and surveillance in place. The mass vaccination of cattle and buffaloes takes place two times a year. FMD surveillance in India is currently focused on determining the virus circulation (finding cases) and disease prevalence in the population. Therefore, surveillance aimed at demonstrating the absence of disease or infection, does not apply to the current scenario.

In India, vaccination with an inactivated vaccine is the primary mode of FMD control. There is a challenge to identify the infected animals among the vaccinated animals based on serology for appropriate implementation of the control programme. The differentiation of these two categories of animals is important during serological surveys to detect evidence of infection. During active viral replication following FMD virus infection, arrays of non-structural proteins (NSPs) are produced that elicit anti-NSP antibodies, which is not the case in animals, which are vaccinated against FMD with an inactivated virus vaccine. This phenomenon has been exploited to measure antibodies to 3AB3, a non-structural protein, in the currently ongoing surveillance activity. For the said purpose, 3AB3 has been expressed using recombinant DNA technology, and the so-expressed recombinant protein has been used in an ELISA test to differentiate vaccinated from FMD virus infected (DIVA) animals. This indigenously developed rDIVA-FMD kit, has been validated for mass- scale comprehensive sero-surveillance as per the OIE approved guidelines and is at least four times economical than the commercial DIVA kits available on import. The diagnostic sensitivity and specificity of this kit are estimated to be 95% and 98%, respectively. The kit is now widely used throughout the country as a companion diagnostic in the National FMD control programme. Use of the DIVA assay is essential in the identification of potential disease free zones (DFZs) with vaccination in India.

With the above background, surveillance activity at the national level is planned. The sole objective of the sero-surveillance has been to measure the level of disease presence by screening the cattle and buffalo sera against non-structural proteins (NSPs), particularly 3AB3, and to identify high risk regions for planning and implementing appropriate control measures.

Sampling Strategy currently used for Sero-surveillance

All forms of epidemiological investigation require a scientific sampling plan for the collection of data on health problems. Estimation of the prevalence of a disease is a prerequisite to establish the disease control program, hence sampling the populations in order to estimate the level of disease prevalence is a common task for epidemiologists. In sampling, one should ensure that animals are representative of the target population so that the estimated value(s) are unbiased and precise (low standard error). Simple random sampling, and systematic or stratified random samplings are the most commonly used sampling methods.

In the developed world, which practices two-stage sampling, the individual livestock farm forms the primary sampling unit. However, this concept cannot be adopted in our country as farm wise details are not available to prepare a sampling frame. Additionally, in a country where small farms (2-3 animals/household) are a norm, the farm becomes too small a unit to do the sampling. In such a situation, taking the village as the primary sampling unit makes sense, as a fairly homogeneous population of animals exists in a village, and these form a natural cluster. It is argued that in a large population where animals are separated into herds (villages in our context), disease has a strong tendency to cluster. This is because the disease agent or agents (whether infectious, environmental or genetic) are generally not evenly distributed throughout the population. With rare diseases, this clustering is usually even more pronounced. As a result, only a very small proportion of herds may be affected by a particular disease-but within those affected herds, the prevalence of the disease among animals may be quite high. If a survey designed to detect the presence of disease fails to take into account the clustering of disease in the population, the results of the survey are likely to be very unreliable. This is because the probability formulae used in the surveys are based on assumption that every unit in the population has the same probability of being affected. Another problem with large-area surveys is the logistics of sampling. Both problems can be solved by employing a two-stage sampling strategy in which villages serve as primary sampling units (first stage) and individual animals within selected villages serve as secondary sampling units (second stage). In this way, the sample sizes at each stage can be adjusted to reflect the different disease prevalences (the proportion of villages affected in the first stage, and the proportion of animals affected in the village at the second stage). Two-stage sampling also means that the construction of sampling frames is much simpler. At the first stage, only a list of all villages (defined as epi unit) in the population is required, and at the second stage, only animals in each of the selected villages are to be included in the list.

In this sampling scheme, we employed two stage stratified random sampling, with district as a stratification variable for buffalo and cattle populations in different states. The present sampling strategy is a deviation from the previous sampling methodology. It is to be recalled that earlier, a total of 200 bovine serum samples (from animals 6 months- 18 months of age) per annum and per district

were arbitrarily collected from various districts of India for 3AB3-NSP based sero-surveillance activity.

The input requirements used for sampling plan were;

- a. The estimated animal level prevalence for 3AB3 NSP protein as shown in Table 1,
- b. Theoretical village level prevalence of 20%, 15%, 10% and 5% for small (states having target population up to 1.5% of total), medium (states having target population up to 5% of total), large (states having target population up to 10 % of total), very large (states having target population more than 10% of total) states respectively to provide better representation of villages within the district and state.
- c. Accounted for variations in diagnostic sensitivity and specificity for 3AB3 NSP ELISA

Two -stage stratified random sampling plan was generated at reasonably high confidence (0.95%) using in-house developed using epi-calculator under NADRES v2 by ICAR-NIVEDI, Bengaluru.). The summary of sampling plan generated using two-stage stratified random sampling scheme is presented in Table 2.

Table 1: State wise NSP antibody positivity in percent used for calculating sample size

	State/UT	Total serum samples tested	Total positive	% NSP reactors
States				
1	Andhra Pradesh	9829	2228	22.7
2	Arunachal Pradesh	270	114	42.2
3	Assam	1792	278	15.5
4	Bihar	2185	604	27.6
5	Chhattisgarh	1247	346	27.7
6	Gujarat	6655	940	14.0
7	Goa	No data available		15.0
8	Himachal Pradesh	7044	356	5.1
9	Haryana	2424	267	11.0
10	Jharkhand	1287	456	35.4
11	Karnataka	1663	598	36.0
12	Kerala	1874	334	17.8
13	Madhya Pradesh	2828	451	15.9
14	Maharashtra	2927	652	22.3
15	Meghalaya	630	72	11.5
16	Mizoram	1123	212	18.9
17	Manipur	1214	275	22.7
18	Nagaland	871	134	15.3
19	Odisha	2340	680	29.1
20	Punjab	3819	732	19.2
21	Rajasthan	180	16	8.9
22	Sikkim	No data available		15.0
23	Tamilnadu	No data available		15.0
24	Telangana	7640	563	7.4
25	Tripura	No data available		15.0
26	Uttar Pradesh	3328	260	7.81
27	Uttarakhand	No data available		15.0
28	West Bengal	84	24	28.6
Union Territories				
1	A & N Islands	2066	63	3.1
2	Chandigarh	No data available		15.0
3	Dadra and Nagar Haveli and Daman and Diu	No data available		15.0
4	Delhi	No data available		15.0
5	Jammu & Kashmir	1719	446	25.9
6	Ladakh	No data available		15.0
7	Lakshadweep	No data available		15.0
8	Puducherry	528	173	32.8

Note: For states/UT with unknown prevalence, the national three years average prevalence of 15% is used. *States where NSP -antibody prevalence is less than 5%, OIE recommended prevalence of 5% was used for preparation of sampling plan.

Table 2: Summary of state wise sampling plan using Two-stage stratified random sampling for serosurveillance of FMD in India.

STATE	NO OF DISTRICTS	NO OF BLOCKS	No of Animals to be Sampled	Average No of Samples Per Districts
Andaman & Nicobar	03	09	1115	372
Andhra Pradesh	13	127	3749	288
Arunachal Pradesh	20	38	509	25
Assam	33	82	1378	42
Bihar	38	107	3069	81
Chandigarh				
Chhattisgarh	27	55	780	29
Dadra & Nagar Haveli & Diu & Daman	3	3	192	64
Delhi	11	37	657	60
Goa	02	15	657	329
Gujarat	33	106	1534	46
Haryana	22	72	7738	352
Himachal Pradesh	12	75	1989	166
Jammu & Kashmir	20	46	819	41
Jharkhand	24	49	598	25
Karnataka	30	72	2330	78
Kerala	14	49	1183	85
Ladakh	02	08	656	328
Lakshadweep				
Madhya Pradesh	51	101	1339	26
Maharashtra	35	137	3838	110
Manipur	09	28	949	105
Meghalaya	11	36	846	77
Mizoram	08	28	1073	134
Nagaland	11	55	616	56
Odisha	30	126	3744	125
Puducherry	04	10	580	145
Punjab	22	70	4524	206
Rajasthan	33	138	2392	72
Sikkim	04	13	540	135
Tamil nadu	32	89	1429	45
Telangana	31	192	2873	93
Tripura	08	39	657	82
Uttar Pradesh	75	156	2691	36
Uttarakhand	13	81	1430	110
West Bengal	22	52	741	34
Total	706	2301	59215	84

**** 20th Livestock Census (DAHD, GoI) Animals of 6 months to 18 months of age to be sampled, irrespective of vaccination.**

Guidelines for collection of random samples

Given below is the example provided by us to the coordinating unit for sample collection.

Example: If you are asked to collect 5 samples from a village having 17 animals (cattle & buffaloes together), you are supposed to do systematic random sampling as follows;

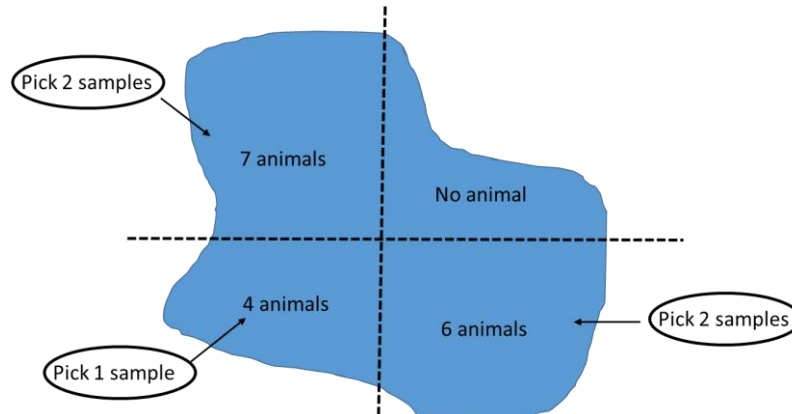
In a table, enumerate and list all the households/owners having the given species of animals. Say for example there are three owners viz., Avinash Alur, Avinash B, Avinash Sunkad in the village with 7 (5 buffaloes & 2 cattle), 6 (3 buffaloes & 3 cattle), 4 (cattle) number of animals respectively, then make the sampling frame as follows;

S. No.	Owner (Hosuehold)	Total (Cattle+Buffaloes)	Temporary ID	
1	Avinash Alur	7	AA1	
2			AA2	4 th sample
3			AA3	
4			AA4	
5			AA5	5 th sample
6			AA6	
7			AA7	
8	Avinash B.	6	AB1	
9			AB2	
10			AB3	1 st sample
11			AB4	
12			AB5	
13			AB6	2 nd sample
14	Avinash Sunkad	4	AS1	
15			AS2	
16			AS3	3 rd sample
17			AS4	

Pick a random number between 1-17 (as the village has total 17 animals)

Say, you picked 10 (S. No. 10), then identify the household/owner the pointing to the said serial number. In this case, it is house of Avinash B. Since you have to collect 5 samples from the list of 17 animals ($17/5=3.4$, round that to 3), mark every third animal in the list as shown above. Once you have identified the owners and the animals, go to the identified owners house, stand at the entrance/entry point of pen (shed), number the animals serially in a clockwise manner (remember line also makes part of the circle) starting from the one nearest to the entrance/entry point. In this case, it is third nearest animal from the entrance of the pen of Mr. Avinash B. Similarly, collect all the required samples as shown in the table. You should visit all the identified houses to collect samples.

Alternatively, you can hypothetically divide the village in to four quarters and pick the requisite number of samples from households as shown below



Standard Operating Procedure (SOP) for Collection and Dispatch of Serum

General requirements: Aseptic precautions should be observed right from collection of blood to dispatch of serum. It is advisable to wear gloves at all times (be it removal of stopper from vacutainer, centrifugation, pipetting, disposal of contaminated tubes, and clean-up of any spills) when handling the specimens. Used vacutainers, needles, and pipets must be properly disposed in accordance with biosafety/institutional requirements.

Serum Collection

Sample collection

- *Animals of 6 months to 18 months of age to be sampled irrespective of vaccination.*

Materials required

- Vacutainers 5 ml capacity (Red Top, BD catalog No. 366430)
- Desktop Centrifuge (refrigerated preferably) with swinging bucket rotor
- Sterile 15ml polypropylene centrifuge tubes
- Sterile Cryovials (preferably internal threaded)
- 2ml, 5ml pipettes or 1ml micro pipettes and 1 ml sterile pipette tips.
- Ice Buckets
- Laminar Flow cabinet

Serum Separation Procedure

- ❖ Keep the vacutainer in a slanting position after the blood is drawn (draw blood only up to 2/3 of the maximum volume) at room temperature for a minimum of 30 to a maximum of 60 minutes to allow the clot to form.
- ❖ If the blood is not centrifuged immediately after the clotting time, the tubes should be placed on ice or refrigerated. (4°C).
- ❖ Transfer the content of the vacutainer to a sterile 15 ml centrifuge tube (if you are doing this in the lab kindly use laminar flow).

- ❖ Centrifuge the blood sample at in a swing-out rotor for 20 minutes at 1100-1300 g at room temperature.

Warning: Excessive centrifuge speed (over 2000 g) may cause tube breakage

- ❖ At the end of the centrifugation transfer the serum (Recommendation: do not pour!) to a sterile labelled cryo vial (preferably internal threaded) using a pipette. Close the caps on the vials tightly.

Note: It would be wise to keep the pipet above the red blood cell layer and leave a small amount of serum in the tube so as avoid picking up red blood cells.

- ❖ Check that all aliquot vial caps are secure and that all vials are labelled.
- ❖ Place all aliquots upright in a specimen box or rack in an -20°C or colder freezer. All specimens should remain at -20°C or below prior to shipping.

Serum Shipping Instructions

- ❖ Use at least 1 inch thick walled thermocol box for shipping of serum
- ❖ The serum samples should be preferably shipped in dry ice, if not add sufficient number of ice packs which were earlier stored in -80°C. If ice packs are used for shipping, ensure that samples are placed within layer of icepacks.
- ❖ Kindly ensure that there is no leakage during shipment. To do this it wise to keep the vials in a cryo box and ship.
- ❖ Ship the serum as quickly as possible preferably by overnight courier.
- ❖ Inform NIFMD/relevant laboratory telephonically about the shipping.
- ❖ Ensure that the samples are accompanied by standard proforma attached herewith in appendix II (proforma for serum dispatch to ICAR-NIFMD /Relevant Lab)

Please contact for any clarifications on SOP and Sampling plan issues:

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3. Dr. Saravanan S, Senior Scientist - 8861735430

Proforma for serum collection in the field

Sample ID: **Date of Sampling (DD/MM/YYYY):**
Owner's Name: **Mob No.:**
Village: **Tehasil/Block:**
District: **State:**
Pincode:

Species of animals (Tick the correct one)

Cattle Buffalo

Sex (Tick the correct one)

Male Female

Age in Months (write the age)

Health status of the animal (Tick the correct one)

Apparently Healthy Diseased: Yes/No
Suspected disease (If Yes):

Vaccination History

Vaccinated/not vaccinated

Date of vaccination

Remarks if any:

Proforma for serum dispatch to ICAR-NIFMD /Relevant Lab

Ref No.:

Date:

Sender:

[illegible]

Proforma for serum dispatch to ICAR-NIFMD/Relevant Lab (contd...)

[illegible]

FMD/SEROSUR/NIVEDI/Andaman And Nicobar Islands_1/2023**Simple Random Sampling**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 228

Knowledge level = 0.5

Cluster Level = 0.016

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected= 206

Total No of Animals to be Sampled = 1115 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Nicobars	Car Nicobar	Small Lapati	0	11	11	5	0	5
Nicobars	Car Nicobar	Tamaloo	0	18	18	5	0	5
Nicobars	Car Nicobar	Big Lapati	0	22	22	5	0	5
Nicobars	Nancowry	Mildera	0	28	28	5	0	5
Nicobars	Car Nicobar	Malacca	0	33	33	5	0	5
Nicobars	Great Nicobar	Laxmi Nagar	0	43	43	5	0	5
Nicobars	Car Nicobar	Mus	0	46	46	5	0	5
Nicobars	Car Nicobar	Tapoiming	0	50	50	5	0	5
Nicobars	Car Nicobar	Chuckchucha	0	55	55	5	0	5
Nicobars	Car Nicobar	Kinyuka	0	57	57	5	0	5
Nicobars	Car Nicobar	Sawai	0	72	72	5	0	5
Nicobars	Great Nicobar	Sastri Nagar	0	77	77	5	0	5
Nicobars	Nancowry	Pilpilow	0	134	134	6	0	6
Nicobars	Great Nicobar	Campbell Bay	0	239	239	6	0	6
Nicobars	Great Nicobar	Joginder Nagar	0	252	252	6	0	6
Nicobars	Great Nicobar	7 Km Farm	0	307	307	6	0	6
Nicobars	Great Nicobar	Govinda Nagar	41	324	365	6	1	5
North And Middle Andaman	Diglipur	Narayan (Efa) Tikri	0	11	11	5	0	5
North And Middle Andaman	Mayabunder	Chainpur (Efa)	11	0	11	5	5	0
North And Middle Andaman	Rangat	Ramachandra Nagar (Rv)	0	12	12	5	0	5
North And Middle Andaman	Mayabunder	Asha Nagar (Efa)	11	2	13	5	4	1
North And Middle Andaman	Mayabunder	Ganesh Nagar I & II (Efa)	8	6	14	5	3	2
North And Middle Andaman	Rangat	Porlobjig No. 3(Jppc, Apwdc & Anifp)	0	14	14	5	0	5
North And Middle Andaman	Mayabunder	Khukari (Efa) Tabla	5	11	16	5	2	3

North And Middle Andaman	Mayabunder	South Karmatang X West of	0	19	19	5	0	5
North And Middle Andaman	Mayabunder	Lokhi Nallah	0	21	21	5	0	5
North And Middle Andaman	Rangat	Bangaon (Rv)	0	21	21	5	0	5
North And Middle Andaman	Diglipur	Elezabeth Bay (Efa)	1	21	22	5	0	5
North And Middle Andaman	Rangat	Charlungta (Fc)	0	22	22	5	0	5
North And Middle Andaman	Diglipur	Lamiya Bay (Wls)	10	14	24	5	2	3
North And Middle Andaman	Mayabunder	Buddha Nallaha (Efa)	24	0	24	5	5	0
North And Middle Andaman	Rangat	Panchawati (Efa)	0	25	25	5	0	5
North And Middle Andaman	Mayabunder	Danpur (Rv)	0	25	25	5	0	5
North And Middle Andaman	Diglipur	Diglipur (Rv)	4	22	26	5	1	4
North And Middle Andaman	Rangat	Urmilapur (Rv)	0	27	27	5	0	5
North And Middle Andaman	Diglipur	Swarajgram (Rv)	0	27	27	5	0	5
North And Middle Andaman	Mayabunder	Karanch Khari (Efa)	29	0	29	5	5	0
North And Middle Andaman	Mayabunder	Lataw (Rv)	0	30	30	5	0	5
North And Middle Andaman	Mayabunder	Kanchi Nallaha (Efa) & Bamboo Nallaha (Efa)	0	31	31	5	0	5
North And Middle Andaman	Rangat	Amkunj (Rv)	0	32	32	5	0	5
North And Middle Andaman	Mayabunder	W IXest of Karmatang	2	30	32	5	0	5
North And Middle Andaman	Rangat	Charlungta Ii (Fc)	0	32	32	5	0	5
North And Middle Andaman	Rangat	Bolcha (Efa)	30	3	33	5	5	0
North And Middle Andaman	Diglipur	Amber Chad (Efa)	0	33	33	5	0	5
North And Middle Andaman	Diglipur	Laxmipur (Efa)	0	35	35	5	0	5
North And Middle Andaman	Rangat	W (Rv) rafter's Creek	7	28	35	5	1	4
North And Middle Andaman	Mayabunder	Kamalapur (Rv)	0	35	35	5	0	5
North And Middle Andaman	Rangat	Raglachang (Nayadera) (Fc)	0	36	36	5	0	5
North And Middle Andaman	Diglipur	Jagannath Dera (Rv)	0	37	37	5	0	5
North And Middle Andaman	Rangat	Padmanabhapuram (Rv)	2	36	38	5	0	5
North And Middle Andaman	Rangat	Gol Pahar (Efa)	4	35	39	5	1	4
North And Middle Andaman	Mayabunder	Bamboo Nallaha (Efa)	0	40	40	5	0	5
North And Middle Andaman	Diglipur	Shyam Nagar	4	36	40	5	1	4
North And Middle Andaman	Rangat	Shivapuram (Rv)	0	43	43	5	0	5

North And Middle Andaman	Mayabunder	Jaipur (Rv)	0	46	46	5	0	5
North And Middle Andaman	Rangat	Bakultala Part II	0	46	46	5	0	5
North And Middle Andaman	Rangat	Shyamkund (Rv)	0	47	47	5	0	5
North And Middle Andaman	Diglipur	Sitanagar, (Efa)	0	47	47	5	0	5
North And Middle Andaman	Rangat	Bakultala (Ct)	0	48	48	5	0	5
North And Middle Andaman	Diglipur	Pilone Nallaha (Fdca)	0	50	50	5	0	5
North And Middle Andaman	Mayabunder	Sundari Khari (Efa)	36	15	51	5	4	1
North And Middle Andaman	Diglipur	Haridas Kattai (Efa)	0	53	53	5	0	5
North And Middle Andaman	Mayabunder	Chuglum Gum (Efa)	0	58	58	5	0	5
North And Middle Andaman	Mayabunder	Profullya Nagar (Rv)	5	56	61	5	0	5
North And Middle Andaman	Rangat	Mithila (Rv)	0	62	62	5	0	5
North And Middle Andaman	Rangat	Bakultala III	0	63	63	5	0	5
North And Middle Andaman	Diglipur	Borang (Rv)	2	63	65	5	0	5
North And Middle Andaman	Rangat	Thiruvanchikulam (Rv)	0	67	67	5	0	5
North And Middle Andaman	Mayabunder	Shippi Tikry (Efa)	28	40	68	5	2	3
North And Middle Andaman	Mayabunder	Paresh Nagar (Rv)	0	71	71	5	0	5
North And Middle Andaman	Rangat	Lorrojig (Fc) & Vishnu Nallaha(Apwa)	0	71	71	5	0	5
North And Middle Andaman	Diglipur	Tal Bagan (Efa)	15	58	73	5	1	4
North And Middle Andaman	Rangat	Khatta Khari (Rv)	70	6	76	5	5	0
North And Middle Andaman	Rangat	Macarthy (Efa) Valley	21	57	78	5	1	4
North And Middle Andaman	Diglipur	Radha Nagar (Efa)	0	79	79	5	0	5
North And Middle Andaman	Mayabunder	Dukennagar (Rv)	2	79	81	5	0	5
North And Middle Andaman	Rangat	Udhaygarh (Rv)	71	12	83	5	4	1
North And Middle Andaman	Diglipur	Hoari Bay (Efa)	0	83	83	5	0	5
North And Middle Andaman	Rangat	Laxmanpur (Rv)	0	86	86	5	0	5
North And Middle Andaman	Mayabunder	Pinakinagar (Rv)	2	85	87	5	0	5
North And Middle Andaman	Rangat	Panchawati (Rv)	5	83	88	5	0	5
North And Middle Andaman	Rangat	Kalsi (Rv)	0	88	88	5	0	5
North And Middle Andaman	Rangat	Cutbert Bay (Efa)	51	40	91	5	3	2
North And Middle Andaman	Rangat	Dharmapur (Rv)	0	93	93	5	0	5

North And Middle Andaman	Diglipur	Deshbandhugram (Rv)	2	92	94	5	0	5
North And Middle Andaman	Diglipur	Austin li (Efa)	6	89	95	5	0	5
North And Middle Andaman	Diglipur	Krishnapuri (Rv)	0	99	99	5	0	5
North And Middle Andaman	Mayabunder	Birsa Nagar (Efa)	40	59	99	5	2	3
North And Middle Andaman	Rangat	Khatta Khari (Efa)	69	32	101	6	4	2
North And Middle Andaman	Diglipur	Sagar Dweep (Rv)	0	105	105	6	0	6
North And Middle Andaman	Mayabunder	Karmatang X (Efa)Incl.Bihari Plot(Efa)	18	89	107	6	1	5
North And Middle Andaman	Mayabunder	Pokadera (Rv)	14	93	107	6	1	5
North And Middle Andaman	Rangat	Rangat (Rv)	0	107	107	6	0	6
North And Middle Andaman	Mayabunder	Mayabunder (Rv)	12	100	112	6	1	5
North And Middle Andaman	Rangat	Sabari (Rv)	5	111	116	6	0	6
North And Middle Andaman	Diglipur	Kalipur (Rv)	9	108	117	6	0	6
North And Middle Andaman	Mayabunder	Lucknow (Rv)	8	114	122	6	0	6
North And Middle Andaman	Rangat	Santanu (Rv)	4	119	123	6	0	6
North And Middle Andaman	Mayabunder	Harinagar (Rv)	5	118	123	6	0	6
North And Middle Andaman	Diglipur	Durgapur (Rv)	4	122	126	6	0	6
North And Middle Andaman	Diglipur	Rabindrapalli (Rv)	0	126	126	6	0	6
North And Middle Andaman	Diglipur	Srinagar (Efa)	7	121	128	6	0	6
North And Middle Andaman	Diglipur	Mohanpur (Rv)	0	131	131	6	0	6
North And Middle Andaman	Rangat	Desharatpur (Rv)	0	137	137	6	0	6
North And Middle Andaman	Rangat	Rajatgarh (Rv)	86	51	137	6	4	2
North And Middle Andaman	Diglipur	Ramnagar (Rv)	31	113	144	6	1	5
North And Middle Andaman	Diglipur	Paschim Sagar	22	122	144	6	1	5
North And Middle Andaman	Diglipur	Paranghara (Rv)	8	146	154	6	0	6
North And Middle Andaman	Diglipur	V (Rv) idyasagarpalli	0	156	156	6	0	6
North And Middle Andaman	Rangat	Kaushalyanagar (Rv)	0	178	178	6	0	6
North And Middle Andaman	Mayabunder	Pudumadurai (Rv)	26	158	184	6	1	5
North And Middle Andaman	Rangat	South Creek (Efa, Fc & Apwde)	144	40	184	6	5	1
North And Middle Andaman	Rangat	Bejoygarh (Rv)	145	47	192	6	5	1
North And Middle Andaman	Rangat	Uttara (Rv)	0	198	198	6	0	6

North And Middle Andaman	Diglipur	Keralapuram (Rv)	0	207	207	6	0	6
North And Middle Andaman	Diglipur	Milangram (Rv)	35	177	212	6	1	5
North And Middle Andaman	Mayabunder	Webi (Rv)	14	201	215	6	0	6
North And Middle Andaman	Mayabunder	Karmatang (Rv)	43	193	236	6	1	5
North And Middle Andaman	Rangat	Adojig (Rv) (Including Efa)	213	88	301	6	4	2
North And Middle Andaman	Diglipur	Bara Dabla (Efa)	10	306	316	6	0	6
North And Middle Andaman	Diglipur	Burmachad (Efa)	191	131	322	6	4	2
North And Middle Andaman	Mayabunder	Hanspuri (Rv)(Including JppCamps)	197	129	326	6	4	2
North And Middle Andaman	Rangat	Long Island (Rv)	12	366	378	6	0	6
North And Middle Andaman	Diglipur	Sitanagar (Rv)	4	402	406	6	0	6
North And Middle Andaman	Diglipur	Ramakrishnagram (Rv)	3	435	438	6	0	6
North And Middle Andaman	Diglipur	Nabagram (Rv)	14	424	438	6	0	6
North And Middle Andaman	Mayabunder	Lauki Nallaha (Efa)	108	472	580	6	1	5
South Andamans	Ferrargunj	Craikabad (Rv)	0	12	12	5	0	5
South Andamans	Port Blair	Port Blair (M CI) -Ward No.7	0	15	15	5	0	5
South Andamans	Ferrargunj	Mile Tilek (Arf)	0	16	16	5	0	5
South Andamans	Ferrargunj	Coffee Plot	0	17	17	5	0	5
South Andamans	Port Blair	Port Blair (M CI) -Ward No.10	0	19	19	5	0	5
South Andamans	Ferrargunj	Jhinga Nallaha(Jppe & Apwdc)	0	22	22	5	0	5
South Andamans	Ferrargunj	Temple Myo (Rv)	0	25	25	5	0	5
South Andamans	Ferrargunj	Govindapuram(Rv)	0	26	26	5	0	5
South Andamans	Ferrargunj	Mile Tilek (Jppc)	0	26	26	5	0	5
South Andamans	Port Blair	Rutland (Rv)	2	24	26	5	0	5
South Andamans	Ferrargunj	Pongi Balu (Fc) &Bada Balu (Efa)	0	30	30	5	0	5
South Andamans	Port Blair	Port Blair (M CI)-Ward No. 24	8	22	30	5	1	4
South Andamans	Ferrargunj	Manglutan Part II	0	30	30	5	0	5
South Andamans	Port Blair	Port Blair (M CI) -Ward No.5	0	33	33	5	0	5
South Andamans	Ferrargunj	Tirur Iv (Jppc)	0	35	35	5	0	5
South Andamans	Ferrargunj	Shore Point (Rv)	0	36	36	5	0	5
South Andamans	Ferrargunj	Mohwa Dera (Rv)	0	37	37	5	0	5

South Andamans	Port Blair	Port Blair (M CI) -Ward No.12	0	38	38	5	0	5
South Andamans	Ferrargunj	Tirur (Rv)	10	30	40	5	1	4
South Andamans	Ferrargunj	Shoal Bay 19 (Fc)	20	22	42	5	2	3
South Andamans	Ferrargunj	Aniket (Rv)	1	41	42	5	0	5
South Andamans	Ferrargunj	Muslim Basti (Rv)	0	44	44	5	0	5
South Andamans	Port Blair	Port Blair (M CI) -Ward No.9	0	44	44	5	0	5
South Andamans	Ferrargunj	Wright Myo (Rv)	0	47	47	5	0	5
South Andamans	Ferrargunj	Alipur (Rv)	0	48	48	5	0	5
South Andamans	Ferrargunj	Dhanikhari (Rv)	0	51	51	5	0	5
South Andamans	Port Blair	Port Blair (M CI) -Ward No.15	0	51	51	5	0	5
South Andamans	Ferrargunj	North Bay (Rv)	0	54	54	5	0	5
South Andamans	Ferrargunj	Jirkatang No. 2(Rv)	0	56	56	5	0	5
South Andamans	Port Blair	Neil Kendra (Rv)	0	64	64	5	0	5
South Andamans	Port Blair	Chidiyatapu (Wls)	0	67	67	5	0	5
South Andamans	Port Blair	Port Blair (M CI) -Ward No.11	0	72	72	5	0	5
South Andamans	Port Blair	Port Blair (M CI)-Ward No. 23	24	53	77	5	2	3
South Andamans	Port Blair	Port Blair (M CI)-Ward No. 22	0	81	81	5	0	5
South Andamans	Little Andaman	Butler Bay ForestCamp 4-Ii (Fdca)	0	84	84	5	0	5
South Andamans	Port Blair	BambooNallaha(Efa) Incl.KichadNalla	6	85	91	5	0	5
South Andamans	Ferrargunj	Dundas Point (Rv)	0	94	94	5	0	5
South Andamans	Port Blair	Krishna Nagar(Rv)	0	94	94	5	0	5
South Andamans	Port Blair	Bada Nallaha/BadaBalu (Efa)	0	102	102	6	0	6
South Andamans	Ferrargunj	Badmash Pahar(Rv)	0	107	107	6	0	6
South Andamans	Port Blair	Govinda Nagar(Rv)	2	108	110	6	0	6
South Andamans	Ferrargunj	Maymyo (Rv)	0	118	118	6	0	6
South Andamans	Ferrargunj	Knapuram (Rv)	4	116	120	6	0	6
South Andamans	Port Blair	Lakshmanpur (Rv)	0	124	124	6	0	6
South Andamans	Ferrargunj	Manpur (Rv)	0	131	131	6	0	6
South Andamans	Port Blair	Ram Nagar (Rv)	0	132	132	6	0	6
South Andamans	Ferrargunj	Mile Tilek (Rv) &Mile Tilek (Efa)	0	139	139	6	0	6

South Andamans	Ferrargunj	Maymyo (Efa)	0	142	142	6	0	6
South Andamans	Ferrargunj	Ograbraij (Rv)	27	124	151	6	1	5
South Andamans	Port Blair	Sippighat (Rv)	19	137	156	6	1	5
South Andamans	Ferrargunj	Hashmatabad (Rv)	0	159	159	6	0	6
South Andamans	Port Blair	Bejoy Nagar (Rv)	0	163	163	6	0	6
South Andamans	Ferrargunj	Nayashahar (Rv)	0	170	170	6	0	6
South Andamans	Ferrargunj	Colinpur (Rv)	10	169	179	6	0	6
South Andamans	Ferrargunj	Port Mouat (Rv)	6	176	182	6	0	6
South Andamans	Port Blair	Port Blair (M CI) -Ward No.17	3	187	190	6	0	6
South Andamans	Ferrargunj	Manjeri (Rv) &Line Dera (Fc)	0	195	195	6	0	6
South Andamans	Ferrargunj	Bindraban (Rv)	9	190	199	6	0	6
South Andamans	Port Blair	Port Blair (M CI)-Ward No. 21	8	200	208	6	0	6
South Andamans	Little Andaman	Rabindra Nagar(Rv)	0	209	209	6	0	6
South Andamans	Little Andaman	Vivekanandapuram(Rv)	0	224	224	6	0	6
South Andamans	Ferrargunj	Wimberlygunj(Rv)	10	227	237	6	0	6
South Andamans	Ferrargunj	Tusnabad (Rv)	94	149	243	6	2	4
South Andamans	Ferrargunj	Malapuram (Rv)	20	249	269	6	0	6
South Andamans	Ferrargunj	Kadakashang (Rv)	119	157	276	6	3	3
South Andamans	Port Blair	Bimilitan (Rv) &Kodiyaghat	30	253	283	6	1	5
South Andamans	Little Andaman	Butler Bay ForestCamp 4-I (Fdca)	0	300	300	6	0	6
South Andamans	Ferrargunj	Hobdipur (Rv)	36	294	330	6	1	5
South Andamans	Ferrargunj	Guptapara (Rv)	0	386	386	6	0	6
South Andamans	Ferrargunj	Shoal Bay (Rv)	18	370	388	6	0	6
South Andamans	Ferrargunj	Wandur (Rv)	0	395	395	6	0	6
South Andamans	Port Blair	Port Blair (M CI)-Ward No. 20	30	382	412	6	0	6
South Andamans	Little Andaman	Ramakrishnapur(Rv)	0	419	419	6	0	6
South Andamans	Ferrargunj	Chouldari (Rv)	5	457	462	6	0	6
South Andamans	Port Blair	Port Blair (M CI)-Ward No. 19	27	514	541	6	0	6
South Andamans	Ferrargunj	Caddlegunj (Rv) (Incl. Sona Pahar & Hazari Bagh (Jppc)	128	429	557	6	1	5
South Andamans	Little Andaman	Hut Bay (Rv)	0	1116	1116	6	0	6

South Andamans	Port Blair	Beadnabad (Rv)	6	1199	1205	6	0	6
South Andamans	Little Andaman	Netaji Nagar (Rv)	0	1295	1295	6	0	6
		TOTAL	2692	24942	27634	1115	113	1002

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

FMD/SEROSUR/NIVEDI/Andhra Pradesh_2/2023

Stratified Random Sampling:

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 150 + (Cattle + Buffalo) = 9610

Knowledge level = 0.1

Cluster Level = 0.023

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 146 (+3 Reserved villages)

Total No of Animals to be Sampled = 3749

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Anantapur	Madakasira	Gowdanahalli	122	311	433	25	7	18
Anantapur	Obuladevaracheruvu	Mukkandavarikothapalle	17	461	478	25	1	24
Anantapur	Hindupur	Kirikera	53	590	643	26	2	24
Anantapur	Kalyandurg	Bedrahalli	96	602	698	26	4	22
Anantapur	Kambadur	Karthanaparathi	431	633	1064	26	11	15
Anantapur	Narpala	Gugudu	931	834	1765	26	14	12
Anantapur	Raptadu	Bandameedapalle	128	1859	1987	26	2	24
Anantapur	Vidapanakal	Palthur	419	1796	2215	26	5	21
Anantapur	Kanekal	Kanekal	1473	1850	3323	26	12	14
Chittoor	Madanapalle	Pappireddipalle (Og)	0	158	158	24	0	24
Chittoor	Kuppam	Marapalle	0	346	346	25	0	25
Chittoor	Bangarupalem	Setteri	0	520	520	26	0	26
Chittoor	Yadamari	Periyambadi	0	539	539	26	0	26
Chittoor	Gangadhara Nellore	Veerakanellore	0	680	680	26	0	26
Chittoor	Kuppam	Kangundi	0	711	711	26	0	26
Chittoor	Irala	Morampalle	5	815	820	26	0	26
Chittoor	Sodam	Sodam	0	905	905	26	0	26
Chittoor	Kambhamvaripalle	Gyarampalle	0	1053	1053	26	0	26
Chittoor	Bangarupalem	Tekumanda	0	1123	1123	26	0	26
Chittoor	Kalikiri	Guttapalem	0	1381	1381	26	0	26
Chittoor	Ramasamudram	Arikela	2	1401	1403	26	0	26
Chittoor	Baireddipalle	Nellipatla	0	1647	1647	26	0	26
Chittoor	B.Kothakota	Gattu	13	3265	3278	26	0	26
East Godavari	Peddapuram	Peddapuram (M) - Ward No.9	198	49	247	25	20	5
East Godavari	Mamidikuduru	Lutukuru	218	122	340	25	16	9
East Godavari	Vararamachandrapuram	Kunduluru	190	273	463	25	10	15
East Godavari	Rajahmundry	Rajahmundry (M Corp.) - Ward No.50	141	325	466	25	8	17
East Godavari	Vararamachandrapuram	Chinnamattapalle	199	392	591	26	9	17
East Godavari	Gangavaram	Lakkonda	0	635	635	26	0	26
East Godavari	Y. Ramavaram	Chaparai	0	678	678	26	0	26
East Godavari	Kapileswarapuram	Addankivari Lanka	607	234	841	26	19	7
East Godavari	Kapileswarapuram	Teki	803	174	977	26	21	5
East Godavari	Razole	Sivakodu	748	296	1044	26	19	7
East Godavari	Jaggampeta	Mamidada	900	635	1535	26	15	11
East Godavari	K Gangavaram	Masakapalle	1097	923	2020	26	14	12
East Godavari*	Thallarevu	Patavala	2149	363	2512	26	22	4
East Godavari	Peddapuram	J. Thimmapuram	2465	483	2948	26	22	4
Guntur	Bapatla	Bapatla (M) WARD NO.-0033	310	15	325	25	24	1
Guntur	Pedakakani	Anumarlapudi	484	253	737	26	17	9
Guntur	Narasaraopeta	Narasaraopet (M) - Ward No.11	637	191	828	26	20	6
Guntur	Rompicherla	Annavarappadu	887	24	911	26	25	1
Guntur	Kakumanu	Kakumanu	1231	83	1314	26	24	2
Guntur	Piduguralla	Thummalacheruvu	2060	200	2260	26	24	2

Guntur	Macherla	Pasuvemula	1275	1079	2354	26	14	12
Guntur	Rompicherla	Dasaripalem	3851	147	3998	26	25	1
Krishna	Pedana	Lankalakalavagunta	322	15	337	25	24	1
Krishna	Vatsavai	Kakaravai	403	91	494	25	20	5
Krishna	Nandigama	Munagacherla	505	6	511	26	26	0
Krishna	Gudivada	Valivarthipadu (R)	627	19	646	26	25	1
Krishna	Vijayawada (Rural)	Ramavarappadu	646	13	659	26	25	1
Krishna	Nandivada	Tamirisa	747	104	851	26	23	3
Krishna	Chandarlappadu	Konayapalem	932	101	1033	26	23	3
Krishna	Thotlavalluru	Royyuru	1040	201	1241	26	22	4
Krishna	Pedana	Pedana (NP) - Ward No.1	512	806	1318	26	10	16
Krishna	Nuzvid	Pallerlamudi	2091	72	2163	26	25	1
Kurnool	Pedda Kadubur	Peekalabetta	62	156	218	25	7	18
Kurnool	Kowthalam	Podalakunta	116	314	430	25	7	18
Kurnool*	Banaganapalle	Hussainapuram	444	65	509	26	23	3
Kurnool	Adoni	Santhekudlur	232	542	774	26	8	18
Kurnool	Sanjamala	Akumalla	688	113	801	26	22	4
Kurnool	Krishnagiri	Lakkasagaram	388	613	1001	26	10	16
Kurnool	Orvakal	Meedivemula	432	766	1198	26	9	17
Kurnool	Krishnagiri	Tallagokulapadu	779	456	1235	26	16	10
Kurnool	Devanakonda	P.Kotakonda	855	1575	2430	26	9	17
Kurnool	Peapally	Jakkasanikuntla	1032	2044	3076	26	9	17
Prakasam	Hanumanthuni Padu	Neelakanta Puram	260	16	276	25	24	1
Prakasam	Zarugumalli	Narasimhanayani Khandrika	362	30	392	25	23	2
Prakasam	Maddipadu	Peda Kotha Palle	643	50	693	26	24	2
Prakasam	Peda Araveedu	Devarajugattu	709	133	842	26	22	4
Prakasam	Tarlupadu	Tarlupadu	872	47	919	26	25	1
Prakasam	Marripudi	Dharamavaram	955	192	1147	26	22	4
Prakasam	Komarolu	Daddawada	1845	109	1954	26	25	1
Prakasam	Tallur	Boddikura Padu	2192	39	2231	26	26	0
Prakasam	Chimakurthi	Rajupalem - Laxmipuram	3509	101	3610	26	25	1
Prakasam	Addanki	Kalavakuru	3797	87	3884	26	25	1
Spsr Nellore	Atmakur	Chiruvella Khandrika	193	29	222	25	22	3
Spsr Nellore	Doravarisatram	Chandanamudi	261	86	347	25	19	6
Spsr Nellore	Thotapalligudur	Peduru	488	15	503	26	25	1
Spsr Nellore	Chillakur	Chinthavaram	597	249	846	26	18	8
Spsr Nellore	Manubolu	Kolanukuduru	351	634	985	26	9	17
Spsr Nellore	Ananthasagaram	Bedusupalle	943	50	993	26	25	1
Spsr Nellore	Dakkili	Pathanalapadu	1256	22	1278	26	26	0
Spsr Nellore	Buchireddipalem	Rebala	1266	55	1321	26	25	1
Spsr Nellore *	Jaladanki	Gattupalle	1484	35	1519	26	25	1
Spsr Nellore	Manubolu	Madamanuru	1780	129	1909	26	24	2
Srikakulam	Ganguvarisigadam	Ullivalasa	10	142	152	24	2	22
Srikakulam	Kothuru	Labba	0	265	265	25	0	25
Srikakulam	Kotabommali	Sariaboddapadu	6	287	293	25	1	24
Srikakulam	Ranastalam	Garikipalem	61	312	373	25	4	21
Srikakulam	Pathapatnam	Atisurikaviti	85	359	444	25	5	20
Srikakulam	Srikakulam	Sanivada	55	460	515	26	3	23
Srikakulam	Jalumuru	Allada	0	539	539	26	0	26
Srikakulam	Regidi Amadalavalasa	Khandyam	0	811	811	26	0	26
Srikakulam	Ponduru	Tholapi	0	837	837	26	0	26
Srikakulam	Etcherla	Kongaram	29	914	943	26	1	25
Srikakulam	Ichchapuram	Ichchapuram (NP) - Ward No.4	596	622	1218	26	13	13

Srikakulam	Ichchapuram	Ichchapuram (NP) - Ward No.10	7	1343	1350	26	0	26
Visakhapatnam	Paderu	Raigedda	0	154	154	24	0	24
Visakhapatnam	Anakapalle	Maredupudi Agraharam	110	46	156	24	17	7
Visakhapatnam	G.Madugula	Andangisingi	10	263	273	25	1	24
Visakhapatnam	Dumbriguda	Kusumavalasa	7	298	305	25	1	24
Visakhapatnam	Hukumpeta	Sesaipanuku	0	329	329	25	0	25
Visakhapatnam	Dumbriguda	Koranjiguda	38	298	336	25	3	22
Visakhapatnam	Visakhapatnam	Visakhapatnam (M Corp.) - Ward No.61	232	182	414	25	14	11
Visakhapatnam	Munchingi Puttu	Vanabhasingi	109	372	481	25	6	19
Visakhapatnam	Dumbriguda	Lyganda	16	468	484	25	1	24
Visakhapatnam	Visakhapatnam	Madhuravada (OG) - Ward No.72	323	198	521	26	16	10
Visakhapatnam	Golugonda	Konkasingi	114	441	555	26	5	21
Visakhapatnam	Devarapalle	Raivada	360	235	595	26	16	10
Visakhapatnam	Gudem Kotha Veedhi	Gudem Patha Veedhi	0	658	658	26	0	26
Visakhapatnam	Makavarapalem	Kondala Agraharam	609	143	752	26	21	5
Visakhapatnam	Araku Valley	Chinalabudu	102	687	789	26	3	23
Visakhapatnam	Rolugunta	Benna Bhupala Patnam	683	163	846	26	21	5
Visakhapatnam	Ravikamatham	Medivada	753	181	934	26	21	5
Visakhapatnam	Cheedikada	Sirijam	738	275	1013	26	19	7
Visakhapatnam	Koyyuru	U.Cheedipalem	60	1494	1554	26	1	25
Visakhapatnam	Paderu	Lagisapalle	394	1187	1581	26	6	20
Visakhapatnam	K.Kotapadu	Kintada	820	916	1736	26	12	14
Visakhapatnam	Paravada	Paravada	1711	711	2422	26	18	8
Vizianagaram	Dattirajeru	Korapa Kothavalasa	18	143	161	24	3	21
Vizianagaram	Kurupam	Relliguda @ Malliguda	137	136	273	25	13	12
Vizianagaram	Bondapalle	Mudduru	44	334	378	25	3	22
Vizianagaram	Seethanagaram	Antipeta	53	335	388	25	3	22
Vizianagaram	Mentada	Khailam	208	208	416	25	13	12
Vizianagaram	Seethanagaram	Pedankalam	76	364	440	25	4	21
Vizianagaram	Pachipenta	Moduga	0	563	563	26	0	26
Vizianagaram	Bobbili	Chitrakota Boddavalasa	97	561	658	26	4	22
Vizianagaram	Vizianagaram	Malicherla (Ct)	250	771	1021	26	6	20
Vizianagaram	Bobbili	Piridi	184	844	1028	26	5	21
Vizianagaram	Pusapatirega	Konada	178	1297	1475	26	3	23
Vizianagaram	Cheepurupalle	Cheepurupalle (Ct)	1264	941	2205	26	15	11
West Godavari	Palacole	Gorintada	161	67	228	25	18	7
West Godavari	Tadepalligudem	Padala	356	62	418	25	21	4
West Godavari	Eluru	Tangellamudi (Ct)	339	82	421	25	20	5
West Godavari	Yelamanchili	Medapadu	431	233	664	26	17	9
West Godavari	Kovvur	Arikirevula	761	26	787	26	25	1
West Godavari	Gopalapuram	Guddigudem	591	211	802	26	19	7
West Godavari	Bhimadole	Amberpeta	1402	93	1495	26	24	2
West Godavari	Kukunoor	Ravigudem [Big]	682	943	1625	26	11	15
West Godavari	Kukunoor	Thondipaka	1208	1282	2490	26	13	13
West Godavari	Dwarakaturumala	Gunnampalle	2071	1392	3463	26	16	10
Y.S.R.	Kondapuram	Regadipally	184	7	191	25	24	1
Y.S.R.	Porumamilla	Boppapuram	322	0	322	25	25	0
Y.S.R.	Obulavaripalle	Govindampalle	532	21	553	26	25	1
Y.S.R.	Porumamilla	Chennareddipeta	573	8	581	26	26	0
Y.S.R.	Brahmamgarimattam	Godlaveedu	633	20	653	26	25	1
Y.S.R.	Proddatur	Peddasettipalle	1046	46	1092	26	25	1
Y.S.R.	Nandalur	Nagi Reddy Palli	1190	431	1621	26	19	7
Y.S.R.	Nandalur	Tanguturu	1483	4989	6472	26	6	20

		TOTAL	85268	74234	159502	3827	1890	1937
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*Reserved villages to be used for sampling if any selected village in given district is not accesible, having logistic problem or any other issues

a: District Name	f: Buffalo + Cattle Population	Unreserved Villages 146	3749
b: Block Name	g : Number of units to be sample	Reserved Villages 3	78
c: Village Name	h: Buffalo Proportion	Total Samples	3827
d: Buffalo Population	i: Cattle Proportion		
e: Cattle Population			

FMD/SEROSUR/NIVEDI/Arunachal Pradesh_3/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 2851

Knowledge level = 0.2

Cluster Level = 0.084

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 42 (+1 Reserved Villages)

Total No of Animals to be Sampled = 509

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Anjaw	Chaglagam	Chipra	0	46	46	12	0	12
Changlang	Bordumsa	Koriapani	0	88	88	12	0	12
Changlang	Diyun	Madhupur - I	0	205	205	13	0	13
Dibang Valley	Anini	Prabaya	0	29	29	11	0	11
East Kameng	Seijosa	Monai Seg-II	0	18	18	10	0	10
East Kameng	Bameng	Lengdi/Liang	0	46	46	12	0	12
East Kameng	Khenewa	Sangbia	0	63	63	12	0	12
East Kameng	Pakke-Kessang	Khodaso-I (Res)	0	105	105	13	0	13
East Kameng *	Bameng	Longri Rieng	0	288	288	13	0	13
East Siang	Nari	Namey Village	0	188	188	13	0	13
Kra Daadi	YANGTE	Singridola	0	43	43	12	0	12
Kra Daadi	PALIN	Yaglung-III	0	54	54	12	0	12
Kurung Kumey	NYAPIN	Dolo (East)	0	19	19	10	0	10
Kurung Kumey	Nyapin	Laba	0	58	58	12	0	12
Lohit	Sunpura	Hati Duba	0	259	259	13	0	13
Lohit	Tezu	27Th Mile	0	621	621	13	0	13
Longding	Kanubari	Kanubari H.Q.	0	155	155	13	0	13
Lower Dibang Valley	Roing	Kengkut	0	116	116	13	0	13
Lower Dibang Valley	Dambuk	Bomjir	0	280	280	13	0	13
Lower Subansiri	Dollungmukh	Lomsi	0	17	17	10	0	10
Lower Subansiri	NIICHII	Pareami	0	29	29	11	0	11
Lower Subansiri	Pistana	Tapa Happa	0	44	44	12	0	12
Lower Subansiri	NIITII	Pussang	0	45	45	12	0	12
Lower Subansiri	Dollungmukh	Lumi(Sipu)	0	130	130	13	0	13
Lower Subansiri	DIIBO	Mobyu Uru	0	173	173	13	0	13
NAMSAI	Naharlagun	Naharlagun (CT) - Ward No.1	0	417	417	13	0	13
Papum Pare	Sangdupota (Besar Nello)	Dulane	0	35	35	11	0	11
Papum Pare	DOIMUKHI	Tigdo	0	59	59	12	0	12
Papum Pare	KIMIN1	Durpa	0	89	89	12	0	12
Papum Pare	DOIMUKHI	Midpu-II (W)	0	109	109	13	0	13
SIANG	Rumgong	Mori Mongku	0	214	214	13	0	13
Tawang	Dudunghar	Khokem	0	64	64	12	0	12
Tawang	Mukto Circle	Khet	0	198	198	13	0	13
Tirap	LAZU	Tutnyu-I	0	32	32	11	0	11
Upper Siang	Geku	Komkar (Buksang)	0	69	69	12	0	12
Upper Subansiri	Nacho	Daying	0	30	30	11	0	11
Upper Subansiri	Baririjo	New Kulo	0	40	40	12	0	12
Upper Subansiri	Taliha	Pakba	0	70	70	12	0	12
Upper Subansiri	Dumporijo	Aranalo	228	646	874	13	3	10
West Kameng	Dirang	Khorung Village	0	83	83	12	0	12
West Kameng	Dirang	Barchipam	0	259	259	13	0	13
West Siang	Daring	New Daring	0	62	62	12	0	12
West Siang	Basar	Nyigam	0	81	81	12	0	12
		TOTAL	228	5676	5904	522	3	519

* Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

a: District Name	f: Buffalo + Cattle Population	Unreserved Villages 42	509
b: Block Name	g : Number of units to be sample	Reserved Villages 1	13
c: Village Name	h: Buffalo Proportion	Total Samples	522
d: Buffalo Population	i: Cattle Proportion		
e: Cattle Population			

FMD/SEROSUR/NIVEDI/Assam_4/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 150 + (Cattle + Buffalo) = 14362

Knowledge level = 0.2

Cluster Level = 0.031

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 106 (+7 Reserved Villages)

Total No of Animals to be Sampled = 1378

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Baksha	Tamulpur	Laopara	0	940	940	13	0	13
Barpeta	Sarthebari	Agdia	7	303	310	13	0	13
Barpeta	Kalgachai	Urupi	24	500	524	13	1	12
Barpeta	Barpeta	Taparbori	10	867	877	13	0	13
Barpeta*	Chenga	Changbandha NC	25	1585	1610	13	0	13
Biswanath	Gohpur	NO 2 GOJEN PATHAR	26	317	343	13	1	12
Biswanath	Gohpur	SOLENGI PATHAR	6	444	450	13	0	13
Biswanath	Biswanath	BAGHMARI T E 399/402	0	1268	1268	13	0	13
Biswanath	Biswanath	BIHMARI F V	0	2372	2372	13	0	13
BONGAIGAON	jangram	Kalikura pt II	0	445	445	13	0	13
BONGAIGAON	Sidli (pt)	Dhaligaon	0	1039	1039	13	0	13
Cachar	Sonai	Bhubankhal	125	193	318	13	5	8
Cachar	Katigorah	Karkari Pt-I	211	296	507	13	5	8
Cachar	Sonai	Dulalgram	80	492	572	13	2	11
Cachar	Katigorah	Niz-Fuilbari Pt-III	86	741	827	13	1	12
Cachar *	Katigorah	Niz-liverputa Pt-II	130	844	974	13	2	11
Chirang	Bijni (Pt)	Dangsiapara-2	0	452	452	13	0	13
Chirang	Bijni (Pt)	Chamugaon	2	1247	1249	13	0	13
DARRANG	Dalgaon(Pt)	Rowmari Chapari	0	628	628	13	0	13
DARRANG	Dalgaon(Pt)	Khataniapara	6	2894	2900	13	0	13
DHEMAJI	Dhemaji	Santipur (Nepali Basti Bodo Gaon)	0	169	169	13	0	13
DHEMAJI	Jonai	No2 Milanpur	0	214	214	13	0	13
DHEMAJI	Gogamukh	Borbam Deori 1/2	0	322	322	13	0	13
DHEMAJI	Dhemaji	Khajua Gaon	0	324	324	13	0	13
DHEMAJI	Sissiborgaon	Tangani Nalbari	0	343	343	13	0	13
DHEMAJI*	Sissiborgaon	Silasuti Brahmapaur	2	510	512	13	0	13
DHEMAJI	Jonai	Uluwani Joypur	8	580	588	13	0	13
DHEMAJI	Dhemaji	Panitula Block	0	787	787	13	0	13
DHUBRI	Golokganj (Pt)	LAKHIMARI Pt-I	0	674	674	13	0	13
DHUBRI	Dhubri	HARIARKUTI	44	840	884	13	1	12
Dibrugarh	Dibrugarh East	Timona Gaon	0	160	160	13	0	13
Dibrugarh	Dibrugarh West	Modhupur Baragharia F V	39	217	256	13	2	11
Dibrugarh	Tengakhat	Kerkoni No 1 (Kekuri No	0	431	431	13	0	13
Dibrugarh	Moran	Teloibari Bengali	0	439	439	13	0	13
Dibrugarh	Chabua	Balijan Pani Era	0	831	831	13	0	13
Dibrugarh	Tingkhong	Nemupather 69 No	0	1203	1203	13	0	13
Dima Hasao	Mahur	Grayung	453	0	453	13	13	0
Dima Hasao	Mahur	Gereso Wapu	417	300	717	13	8	5
Goalpara	Balijana	Sahari	4	336	340	13	0	13
Goalpara	Matia	Pokalagi -	0	435	435	13	0	13
Goalpara	Matia	Boro balupara	183	654	837	13	3	10
Goalpara	Lakhipur	Manaspara	0	1477	1477	13	0	13
Golaghat	Golaghat	DA-BORAH	76	423	499	13	2	11

Golaghat	Dergaon	MAMARORI GAON	53	507	560	13	1	12
Golaghat	Morangi	NO I ULTAJAN	120	1249	1369	13	1	12
Golaghat*	Bokakhat	TAMULI PATHER	0	1397	1397	13	0	13
Hailakandi	Lala	Kacharithal F V	100	584	684	13	2	11
Hailakandi	Lala	Nizvesnupur Ptl	92	1130	1222	13	1	12
Hojai	Hojai	Dakhin Kandura	0	577	577	13	0	13
Hojai	Hojai	Borpukhuri CT	0	7736	7736	13	0	13
Jorhat	Titabor	KAMABONDHA T E	0	882	882	13	0	13
Jorhat	Mariani	KATHKOTIA GAON	0	2228	2228	13	0	13
Kamrup	Kamalpur	Soneswar	0	436	436	13	0	13
Kamrup	Chamaria	10) Botiamari	2	668	670	13	0	13
Kamrup	Goroimari	29) Larua Jaan	149	540	689	13	3	10
Kamrup	Kamalpur	Alta	40	886	926	13	1	12
Kamrup	Nagarbera	8) Badla Pathar	14	3137	3151	13	0	13
Kamrup (M)	Azara	Mirzapur	0	809	809	13	0	13
Kamrup (M)	Sonapur	Sonapur Gaon (CT)	0	1729	1729	13	0	13
Karbi Anglong	Diphu	Dilai Gate	0	154	154	13	0	13
Karbi Anglong	Phuloni	Ram Nagar	0	214	214	13	0	13
Karbi Anglong	Bokajan	Bokajan (TC) - Ward No.7	0	262	262	13	0	13
Karbi Anglong	Diphu	Taralango (W) (Longki)	0	270	270	13	0	13
Karbi Anglong	Phuloni	Nepali Ghat	0	310	310	13	0	13
Karbi Anglong	Phuloni	Hembonglong	0	388	388	13	0	13
Karbi Anglong	Phuloni	Kaje Sera Mati Khula	0	495	495	13	0	13
Karbi Anglong	Bokajan	Bokajan (TC) - Ward No.5	0	541	541	13	0	13
Karbi Anglong	Silonijan	Sardoka Engti	49	756	805	13	1	12
Karbi Anglong*	Phuloni	Kuruna Bey Gaon	0	980	980	13	0	13
Karimganj	Nilambazar	Ghuramara	18	140	158	13	1	12
Karimganj	Ramkrishnanagar	Khaiagaon	4	269	273	13	0	13
Karimganj	Patharkandi	Dakhin Defalalacherra	6	309	315	13	0	13
Karimganj	Ramkrishnanagar	Damcherra Tripura Punjee	10	440	450	13	0	13
Karimganj	Badarpur	Rupasibari	218	312	530	13	5	8
Karimganj	Ramkrishnanagar	Khagargoal T E	0	1166	1166	13	0	13
Kokrajhar	Kokrajhar	Mohonpur FV	0	259	259	13	0	13
Kokrajhar	Bagribari (Pt)	Debitola Pt-IV	0	404	404	13	0	13
Kokrajhar	Kokrajhar	Samuka Forest Block	0	644	644	13	0	13
Kokrajhar	Bhowaguri	Bowraguri Baruapara Pt-I	0	763	763	13	0	13
Lakhimpur	Dhakuakhana (Pt I)	Dhenukhana pather	0	481	481	13	0	13
Lakhimpur	Narayanpur	No 2 Morisuti	15	639	654	13	0	13
Lakhimpur	Kadam	Uttar Rupahi	0	719	719	13	0	13
Lakhimpur	Naobaicha	Phukan Doloni	0	935	935	13	0	13
Lakhimpur*	North Lakhimpur	Ghagarmara	90	1342	1432	13	1	12
Majuli	Majuli	Thakursuti	0	943	943	13	0	13
Morigaon	Mayong	Faliamarihabi	0	548	548	13	0	13
Morigaon	Marigaon	Baghara Gaon	0	3728	3728	13	0	13
Nagaon	Kampur	Garubat Gaon	2	392	394	13	0	13
Nagaon	Nagaon	Katimari Grant	0	729	729	13	0	13
Nagaon	Rupohi	Pub - Chatian	0	947	947	13	0	13
Nagaon	Raha	Borua Bali	0	1227	1227	13	0	13
Nalbari	Tihu (Pt)	4 Barbari	0	599	599	13	0	13
Nalbari	Barkhetri	3 Mularghat	36	679	715	13	1	12
Sibsagar	Sibsagar	Chetia Koiboria	0	558	558	13	0	13
Sibsagar	Dimow	Bhekuri Chapari	480	2279	2759	13	2	11
Sonitpur	Dhekiajuli (Pt)	Oubari Pathar	0	338	338	13	0	13

Sonitpur	Na-Duar	No.2 Itakhola	0	455	455	13	0	13
Sonitpur	Dhekiajuli (Pt)	No.6 Jurukhri	0	620	620	13	0	13
Sonitpur	Chariduar	Mansiri	0	1253	1253	13	0	13
Sonitpur	Chariduar	Akabasti Bengali	0	1664	1664	13	0	13
Soraideu	Mahmora	Japidhora Gaon	9	449	458	13	0	13
Soraideu	Sonari	Atal Pather gaon	19	582	601	13	0	13
South Salmara	Mancachar	Dewaneralga Pt I	3	935	938	13	0	13
Tinsukia	Margherita	Margherita (CT) Ward No.4	0	172	172	13	0	13
Tinsukia	Doom Dooma	Upar Kuli Pathar	4	331	335	13	0	13
Tinsukia	Sadiya	Upper Nasai	0	393	393	13	0	13
Tinsukia	Doom Dooma	Lawpani N C	17	461	478	13	0	13
Tinsukia*	Margherita	Makum Pathar No 4	0	839	839	13	0	13
Tinsukia	Tinsukia	Kadomoni Gaon	0	1226	1226	13	0	13
Udalguri	Udalguri	Banderguri No 1	3	575	578	13	0	13
Udalguri	Udalguri	Thana Udalguri	0	724	724	13	0	13
West Karbi Anglong	Donka	Mokairam Gaon	115	365	480	13	3	10
West Karbi Anglong	Donka	W Goan atius No -2 BL	0	1513	1513	13	0	13
		TOTAL	3632	92747	96379	1469	69	1400

* Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 106
Reserved Villages 7
Total Samples 1469

1378
91
1469

FMD/SEROSUR/NIVEDI/Bihar_5/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 250 + (Cattle + Buffalo) = 12809

Knowledge level = 0.1

Cluster Level = 0.028

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 110 (+8 Reserved Villages)

Total No of Animals to be Sampled = 3069

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Buffalo Population	Cattle Population	Cattle + Buffalo Population	Number of units to sample	Buffalo Proportion	Cattle Proportion
Araria	Forbesganj	Tharia Bakia	1410	2272	3682	26	10	16
Arwal	Arwal	Dangra Ahar	394	232	626	26	16	10
Aurangabad	Barun	Ajania	129	266	395	25	8	17
Aurangabad	Nabinagar	Nabinagar (NA) - Ward No.5	85	394	479	25	4	21
Aurangabad	Kutumba	Kusma Basdiha	159	363	522	26	8	18
Aurangabad	Nabinagar	Chandar Garh	183	843	1026	26	5	21
Aurangabad	Nabinagar	Parasiya Rampur	386	832	1218	26	8	18
Banka	Katoria	Tola Bhoiri Simar	0	360	360	25	0	25
Banka	Phulidumar	Tola Banbaria	43	351	394	25	3	22
Banka	Banka	Kakwara Tola Chiutia	20	708	728	26	1	25
Banka	Rajaun	Ranitikar	153	614	767	26	5	21
Banka	Banka	Kakwara Tola Asramha	74	932	1006	26	2	24
Banka*	Amarpur	Sihuri	115	1086	1201	26	2	24
Begusarai	Dandari	Mehpatol	134	818	952	26	4	22
Begusarai	Mansurchak	Gobindpur (Part In Bachwara)	191	2174	2365	26	2	24
Bhagalpur	Narayanpur	Shankarpur Gosaindas	612	534	1146	26	14	12
Bhagalpur	Sultanganj	Akbarnagar	589	4068	4657	26	3	23
Bhojpur	Jagdishpur	Ujiyarpur	247	111	358	25	17	8
Bhojpur	Udwant Nagar	Demhan	369	320	689	26	14	12
Bhojpur	Piro	Mothibal Jangal Mahal	690	274	964	26	19	7
Bhojpur*	Barhara	Sheo Diara (Ditto)	613	1385	1998	26	8	18
Buxar	Kesath	Katkinar	444	240	684	26	17	9
Buxar	Barhampur	Hathilpur	1051	62	1113	26	25	1
Darbhanga	Darbhanga	Tethan	454	200	654	26	18	8
Darbhanga	Baheri	Behrauna	395	355	750	26	14	12
Darbhanga	Darbhanga	Chhabila	957	340	1297	26	19	7
Darbhanga	Ghanshyampur	Kortho (Part InAlinagar) *	646	1004	1650	26	10	16
Gaya	Muhra	Ghure Parsa	46	221	267	25	4	21
Gaya	Neem Chak Bathani	Saraunji	129	338	467	25	7	18
Gaya	Bodh Gaya	Harli Khurd	391	132	523	26	19	7
Gaya	Dobhi	Sundar Kumhari	0	647	647	26	0	26
Gaya	Gaya	Gaya (M Corp.) - Ward No.47	85	802	887	26	2	24
Gaya	Mohanpur	Matgarha	164	1234	1398	26	3	23
Gaya*	Fatehpur	Meari	761	786	1547	26	13	13
Gopalganj	Kuchaikote	Rampur Jiwdhar	99	226	325	25	8	17
Gopalganj	Baikunthpur	Maharani Pandohi	269	262	531	26	13	13
Gopalganj	Kuchaikote	Baliwan Sagar	109	484	593	26	5	21
Gopalganj	Gopalganj	Rampur Tengrahi	221	557	778	26	7	19
Gopalganj	Barauli	Rupan Chhap	191	633	824	26	6	20
Jamui	Chakai	Tola Rajkarangarh	0	445	445	25	0	25
Jamui	Sono	Tola Khopariadih	8	620	628	26	0	26
Jamui	Chakai	Tola Madhuri	6	871	877	26	0	26

Jamui	Jhajha	Tola Banjama	274	749	1023	26	7	19
Jamui	Jhajha	Tola Rajla Kalan	1388	2102	3490	26	10	16
Jehanabad	Kako	Basantpur Harahar	373	134	507	26	19	7
Jehanabad	Kako	Uttarsarthu	464	382	846	26	14	12
Kaimur (Bhabua)	Durgawati	Ataria	276	156	432	25	16	9
Kaimur (Bhabua)	Kudra	Phulli	184	321	505	26	9	17
Kaimur (Bhabua)	Durgawati	Chhawan	550	213	763	26	19	7
Kaimur (Bhabua)*	Nuaon	Taraitha	305	477	782	26	10	16
Katihar	Balrampur	Sirpatol	0	455	455	25	0	25
Katihar	Kadwa	Hachalpur	8	620	628	26	0	26
Katihar	Manihari	Dhuriahi	401	750	1151	26	9	17
Katihar	Barari	Marpa Balua	107	2934	3041	26	1	25
Khagaria	Parbatta	Madhopur Karari	32	1717	1749	26	0	26
Kishanganj	Pothia	Keso Jara	71	621	692	26	3	23
Kishanganj	Pothia	Chhatar Gachh	323	1706	2029	26	4	22
Lakhisarai	Barahiya	Barahiya (M) - Ward No.1	15	534	549	26	1	25
Lakhisarai	Pipariya	Ramchandrapur	1891	3202	5093	26	10	16
Madhepura	Ghailarh	Ghailarh	598	1557	2155	26	7	19
Madhepura	Ghailarh	Bhatranha	3016	3650	6666	26	12	14
Madhubani	Jhanjharpur	Kharrak	175	489	664	26	7	19
Madhubani	Jhanjharpur	Lohna	267	727	994	26	7	19
Madhubani	Madhepur	Daldal	1184	1485	2669	26	12	14
Madhubani	Babubarhi	Ghonghaur	1894	1043	2937	26	17	9
Munger	Dharhara	Tola Goraia	9	682	691	26	0	26
Munger	Dharhara	Matadih	332	1776	2108	26	4	22
Muzaffarpur	Katra	Ankhauli	185	73	258	25	18	7
Muzaffarpur	Baruraj (Motipur)	Pagahia Raiti	113	338	451	25	6	19
Muzaffarpur	Bochaha	Chak Urf Chakabdul Rahman	475	142	617	26	20	6
Muzaffarpur	Kurhani	Rajla	128	520	648	26	5	21
Muzaffarpur	Saraiya	Supna	209	628	837	26	6	20
Muzaffarpur*	Minapur	Harka Mansahi	599	654	1253	26	12	14
Nalanda	Bihar	Baibani	597	24	621	26	25	1
Nalanda	Rahui	Moratalao	859	714	1573	26	14	12
Nawada	Gobindpur	Dhanpuri	170	390	560	26	8	18
Nawada	Nawada	Jhiktaura	310	555	865	26	9	17
Pashchim Champaran	Nautan	Ramnagr	106	416	522	26	5	21
Pashchim Champaran	Sidhaw	Dhakdhaian	265	283	548	26	13	13
Pashchim Champaran	Chanpatia	Lachhu Chhapar Andar Bhaisahi	395	720	1115	26	9	17
Pashchim Champaran	Chanpatia	Turhapatti	839	1619	2458	26	9	17
Patna	Phulwari	Bitaura	115	258	373	25	8	17
Patna	Masaurhi	Masaurhi (NA) - Ward No.15	203	333	536	26	10	16
Patna	Masaurhi	Khania	267	292	559	26	12	14
Patna	Bikram	Mahajpura	699	366	1065	26	17	9
Patna	Ghoswari	Dhanak Dobh	139	1056	1195	26	3	23
Purbi Champaran	Raxaul	Kananaparshotimpur	277	132	409	25	17	8
Purbi Champaran*	Kalyanpur	Bhuan Chhapra	304	262	566	26	14	12
Purbi Champaran	Chakia(Pipra)	Sariatpur	316	283	599	26	14	12
Purbi Champaran	Madhuban	Madhuban Tola Dihu	421	561	982	26	11	15
Purbi Champaran	Harsidhi	Math Lohiyar	1396	2740	4136	26	9	17
Purnia	Dagarua	Daspatar	0	548	548	26	0	26
Purnia	Purnia East	Chhatia	1	1023	1024	26	0	26
Purnia	Banmankhi	Dharhara Milik	453	1224	1677	26	7	19

Purnia	Bhawanipur	Sahiaganj	457	2027	2484	26	5	21
Rohtas	Kochas	Amarsidehra	125	300	425	25	7	18
Rohtas	Sheosagar	Malwar	193	273	466	25	10	15
Rohtas	Kochas	Dighata	269	227	496	25	14	11
Rohtas	Sheosagar	Sukuhin	273	463	736	26	10	16
Rohtas	Sasaram	Dhaudanr	486	861	1347	26	9	17
Saharsa	Mahishi	Panchbhinda	555	914	1469	26	10	16
Saharsa	Simri Bakhtiarpur	Dhanupra	5349	4045	9394	26	15	11
Samastipur	Samastipur	Jagatsinghpur	159	274	433	25	9	16
Samastipur	Samastipur	Jitwarpur Chauth	223	862	1085	26	5	21
Samastipur	Dalsingsarai	Rampur Jalalpur	126	1181	1307	26	3	23
Samastipur*	Khanpur	Khatuaha Bahuaripatti	1570	3455	5025	26	8	18
Saran	Amnour	Dharahra Khurd	145	218	363	25	10	15
Saran	Ishupur	Nipanian	205	349	554	26	10	16
Saran	Jalalpur	Rewari	275	332	607	26	12	14
Saran	Chapra	Barhara Mahazi	157	823	980	26	4	22
Saran	Chapra	Chapra (M) - Ward No.19	31	1715	1746	26	0	26
Sheikhpura	Barbiga	Dharsani	210	341	551	26	10	16
Sheohar	Tariani Chowk	Basarpur Urf Nasirpur	68	473	541	26	3	23
Sitamarhi	Runisaidpur	Hajipur Basantpur	505	209	714	26	18	8
Sitamarhi	Charaut	Parigawan	795	780	1575	26	13	13
Siwan	Siswan	Manara	53	315	368	25	4	21
Siwan	Basantpur	Semardah	191	347	538	26	9	17
Siwan	Raghunathpur	Khujwa	168	604	772	26	6	20
Siwan*	Pachrukhi	Ukhai Purbaripatti	909	1024	1933	26	12	14
Supaul	Raghopur	Phenglas	745	1177	1922	26	10	16
Supaul	Chhatapur	Raisri	3786	4701	8487	26	12	14
Vaishali	Paterhi Belsar	Upraulurf Dharampur Dharam	97	212	309	25	8	17
Vaishali	Mahua	Lachmi Narayanpur	142	226	368	25	10	15
Vaishali	Hajipur	Senduari Gobind	96	341	437	25	5	20
Vaishali	Chehra Kalan	Bishunpur Anrra	276	179	455	25	15	10
Vaishali	Patepur	Kishunwara	253	807	1060	26	6	20
Vaishali	Hajipur	Sadullahpur Satan	1349	108	1457	26	24	2
TOTAL			57241	104195	161436	3277	1128	2149

* Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 119
Reserved Villages 8
Total Samples 3277

3069
208
3277

FMD/SEROSUR/NIVEDI/Chhattisgarh_7/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 50 + (Cattle + Buffalo) = 12313

Knowledge level = 0.2

Cluster Level = 0.055

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 60 (+2 Reserved Villages)

Total No of Animals to be Sampled = 780

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Balod	Dondi Luhara	Pingal	48	674	722	13	1	12
Baloda Bazar	Bilaigarh	Dewarbod	0	549	549	13	0	13
Baloda Bazar	Palari	Gadabhata	143	736	879	13	2	11
Balrampur	Ramanujganj	Deviganj	29	756	785	13	0	13
Balrampur	Ramanujganj	Piparpan	185	1864	2049	13	1	12
Bastar	Bastar	Khadka	8	579	587	13	0	13
Bastar	Darbha	Alwa	90	797	887	13	1	12
Bemetara	Bemetara	Chargawan	84	542	626	13	2	11
Bemetara	Nawagarh	Kuvara	59	1428	1487	13	1	12
Bijapur	Bhairamgarh	Bhatwada	0	472	472	13	0	13
Bijapur	Bhairamgarh	Chhotebodli	74	685	759	13	1	12
Bilaspur	Bilaspur	Bahtarai (Part)	53	446	499	13	1	12
Bilaspur	Takhatpur	Araiband	177	651	828	13	3	10
Dantewada	Bade Bacheli	Muler	0	676	676	13	0	13
Dhamtari	Kurud	Khapri (Silauti)	58	256	314	13	2	11
Dhamtari	Magarlod	Mohera	325	1617	1942	13	2	11
Durg	Durg	BORSI POORV	403	259	662	13	8	5
Durg	Bhilai Charoda	SIRSA BHATAPARA	407	672	1079	13	5	8
Gariyaband	Deobhog	Palsapara	7	388	395	13	0	13
Gariyaband	Rajim	Khudsa	74	497	571	13	2	11
Janjgir-Champa	Malkharoda	Saraskela	0	622	622	13	0	13
Janjgir-Champa	Baloda	Pantora	58	999	1057	13	1	12
Jashpur	Kunkuri	Bematatoli	0	619	619	13	0	13
Jashpur	Bagicha	Samarbar	311	1365	1676	13	2	11
Kabirdham (Kawardha)	Sahaspur Lohara	Bhagauta Tola	10	438	448	13	0	13
Kabirdham (Kawardha)	Pandariya	Somnapur	103	573	676	13	2	11
Kanker	Bhanupratappur	Hetarkasa	9	250	259	13	0	13
Kanker	Antagarh	Murpal	4	284	288	13	0	13
Kanker	Narharpur	Bansagar	24	412	436	13	1	12
Kanker*	Antagarh	Kaleparas	24	556	580	13	1	12
Kondagaon	Kondagaon	Polang	82	551	633	13	2	11
Kondagaon	Bade Rajpur	Badbattar	127	1211	1338	13	1	12
Korba	Korba	Dhongdraha	35	359	394	13	1	12
Korba	Pali	Jemra	126	914	1040	13	2	11
Korea	Baikunthpur	Parcha	47	446	493	13	1	12
Korea	Bharatpur	Badgaon Khurd	174	811	985	13	2	11
Mahasamund	Pithora	Sawatripurtukda	0	150	150	13	0	13
Mahasamund	Saraipali	Pretandih	6	262	268	13	0	13
Mahasamund	Mahasamund	Lohardih	55	563	618	13	1	12
Mahasamund	Mahasamund	Kanpa (Kapa)	87	664	751	13	2	11
Mungeli	Pathariya	Kewtadih	45	393	438	13	1	12
Mungeli	Lormi	Didouri	133	772	905	13	2	11
Narayanpur	Orchha	Chalcher	0	457	457	13	0	13
Narayanpur	Narayanpur	Edka	18	1448	1466	13	0	13
Raigarh	Kharsia	Gurda	10	174	184	13	1	12

Raigarh	Sarangarh	Tilaimuda	10	215	225	13	1	12
Raigarh	Baramkela	Bonda	2	355	357	13	0	13
Raigarh	Lailunga	Jhar Ama	0	458	458	13	0	13
Raigarh	Tamnar	Tangarghat	42	448	490	13	1	12
Raipur	Arang	Parsada-3(Parsada)	118	727	845	13	2	11
Raipur	Arang	Mungi	114	961	1075	13	1	12
Rajnandgaon	Khairagarh	Pircha Tola	21	223	244	13	1	12
Rajnandgaon	Mohla	Sangali	28	556	584	13	1	12
Rajnandgaon	Rajnandgaon	Mohaba	13	605	618	13	0	13
Rajnandgaon *	Khairagarh	Nawagaon Alha	54	760	814	13	1	12
Rajnandgaon	Rajnandgaon	RewaDih Ward	98	785	883	13	1	12
Sukma	Konta	Gachanpalli	0	1190	1190	13	0	13
Sukma	Chhindgarh	Chiurwada	33	1626	1659	13	0	13
Surajpur	Surajpur	Sanjay Nagar	0	842	842	13	0	13
Surajpur	Pratappur	Durati	198	1037	1235	13	2	11
Surguja	Lundra	Urdara	63	707	770	13	1	12
Surguja	Mainpat	Barima	678	1796	2474	13	4	9
		TOTAL	5184	43128	48312	806	71	735

*Reserved villages to be used for sampling if any selected village in given district is not accesible, having logistic problem or any other issues

a: District Name
b: Block Name
c: village Name
d: Buffalo Population
e: Cattle Population

f: buffalo + Cattle Population
g: Number of units to sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 60
Reserved Villages 2
Total Samples

780
26
806

FMD/SEROSUR/NIVEDI/Dadra And Nagar Haveli & Diu and Daman_8/2023

Stratified Random Sampling:

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 1 + (Cattle + Buffalo) = 70

Knowledge level = 0.3

Cluster Level = 0.045

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 23

Total No of Animals to be Sampled = 192 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Apti	0	2	2	2	0	2
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Dadra (Ct)	0	6	6	5	0	5
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Sindoni	2	15	17	7	1	6
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Ambabari	0	27	27	8	0	8
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Khadoli	6	109	115	9	0	9
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Rakholi (Ct)	0	150	150	9	0	9
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Khedpa	0	151	151	9	0	9
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Kanadi	0	159	159	9	0	9
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Surangi	0	216	216	9	0	9
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Umarkui	0	226	226	9	0	9
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Athola	0	239	239	9	0	9
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Falandi	0	239	239	9	0	9
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Bensda	0	260	260	9	0	9
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Umbervarni	0	329	329	9	0	9
Daman	Daman	Dunetha Ct	178	186	364	9	4	5
Daman	Daman	Kadaiya Ct	2	51	53	8	0	8
Daman	Daman	Bhimpore Ct	24	66	90	9	2	7
Diu	Diu	Bhucharvada	0	218	218	9	0	9
Diu	Diu	Saudwadi	0	186	186	9	0	9
Diu	Diu	Diu (M Cl) - Ward No.1	0	227	227	9	0	9
Diu	Diu	Diu (M Cl) - Ward No.4	0	180	180	9	0	9
Diu	Diu	Diu (M Cl) - Ward No.7	0	106	106	9	0	9
Diu	Diu	Zolawadi	0	57	57	9	0	9
		TOTAL	212	3405	3617	192	7	185

a: District Name

b: Block Name

c: Village Name

d: Buffalo Population

e: Cattle Population

f: Buffalo + Cattle Population

g : Number of units to be sample

h: Buffalo Proportion

i: Cattle Proportion

FMD/SEROSUR/NIVEDI/Delhi_38/2023

Stratified Random Sampling:

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 50 + (Cattle + Buffalo) = 217

Knowledge level = 0.3

Cluster Level = 0.045

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 73

Total No of Animals to be Sampled = 657

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
CENTRAL	Civil Lines	Jagat Pur Delhi	400	199	599	9	6	3
CENTRAL	Civil Lines	Wazirabad	1275	150	1425	9	8	1
CENTRAL	Civil Lines	Jharoda Majra Burari	4786	1254	6040	9	7	2
EAST	PATPARGANJ	PANDAV NAGAR	0	61	61	9	0	9
EAST	PATPARGANJ	PATPAR GANJ	50	49	99	9	5	4
EAST	Mayur Vihar	Khichri Pur	74	114	188	9	4	5
EAST	Preet Vihar	Gazi Pur	43	344	387	9	1	8
EAST	Mayur Vihar	Chilla Saroda Khadar	556	506	1062	9	5	4
EAST	KONDLI	GHAROLI	732	512	1244	9	5	4
NEW DELHI	Delhi Cantonment	Sahbad Mohd. Pur	46	130	176	9	2	7
NEW DELHI	Vasant Vihar	Rajokri	297	347	644	9	4	5
NEW DELHI	Vasant Vihar	Ghatorni	399	365	764	9	5	4
NORTH	Alipur	Zind Pur	80	73	153	9	5	4
NORTH	Narela	Holambi Kalan	95	104	199	9	4	5
NORTH	Narela	Tikri Khurd	189	115	304	9	6	3
NORTH	Alipur	Hiranki	249	242	491	9	5	4
NORTH	Alipur	Jhangola	551	42	593	9	8	1
NORTH	NARELA	ALIPUR	353	272	625	9	5	4
NORTH	NARELA	BANKNER	619	177	796	9	7	2
NORTH	Narela	Khera Khurd	860	353	1213	9	6	3
NORTH	NARELA	NARELA	821	628	1449	9	5	4
NORTH	BAWANA	BAWANA	577	914	1491	9	3	6
NORTH	Narela	Ghoga	1092	721	1813	9	5	4
NORTH	BAWANA	NANGAL THAKRAN	2546	7039	9585	9	2	7
NORTH EAST	KARAWAL NAGAR	KHAJOORI KHAS	30	38	68	9	4	5
NORTH EAST	Seelam Pur	Dayal Pur	35	35	70	9	5	4
NORTH EAST	SHIV VIHAR	SADATPUR	157	57	214	9	7	2
NORTH EAST	GOKALPUR	YAMUNA VIHAR	214	27	241	9	8	1
NORTH EAST	Karawal Nagar	Badar Pur Khadar	403	11	414	9	9	0
NORTH EAST	KARAWAL NAGAR	KARAWAL NAGAR-WEST	184	243	427	9	4	5
NORTH EAST	Karawal Nagar	Saba Pur Delhi	802	406	1208	9	6	3
NORTH WEST	SHALIMAR BAGH	HAIDERPUR	64	39	103	9	6	3
NORTH WEST	RITHALA	ROHINI-B	0	166	166	9	0	9
NORTH WEST	KIRARI	PREM NAGAR	165	114	279	9	5	4
NORTH WEST	Kanjhawala	Salah Pur Majra	257	135	392	9	6	3
NORTH WEST	KIRARI	NITHARI	216	199	415	9	5	4
NORTH WEST	TRI NAGAR	TRI NAGAR	2	814	816	9	0	9
NORTH WEST	Saraswati Vihar	Saoda	166	677	843	9	2	7
NORTH WEST	Kanjhawala	Ghewra	693	259	952	9	7	2
NORTH WEST	Kanjhawala	Jaunti	748	335	1083	9	6	3
NORTH WEST	KIRARI	KANJHAWALA	3115	1936	5051	9	6	3
SHAHDARA	SEEMA PURI	NEW SEEMAPURI	125	98	223	9	5	4

SHAHDARA	SHAHDARA	SHAHDARA	249	97	346	9	6	3
SOUTH	Mehrauli	Sultan Pur	29	64	93	9	3	6
SOUTH	DEOLI	DEOLI	189	171	360	9	5	4
SOUTH	Saket	Maidan Garhi	88	282	370	9	2	7
SOUTH	GREATER KAILASH	BHATI	684	920	1604	9	4	5
SOUTH	Mehrauli	Fateh Pur Beri	741	1123	1864	9	4	5
SOUTH	R K PURAM	VASANT KUNJ	0	2585	2585	9	0	9
SOUTH	MEHRAULI	AYA NAGAR	4559	768	5327	9	8	1
SOUTH EAST	Sarita Vihar	Aali	27	90	117	9	2	7
SOUTH EAST	TUGHLAKABAD	TUGHLAKABAD	85	59	144	9	5	4
SOUTH EAST	BADARPUR	JAITPUR	136	49	185	9	7	2
SOUTH EAST	Sarita Vihar	Meetha Pur	231	366	597	9	3	6
SOUTH WEST	Najafgarh	Surakh Pur	151	37	188	9	7	2
SOUTH WEST	Najafgarh	Qazi Pur	160	183	343	9	4	5
SOUTH WEST	Kapeshera	Kharkhari Rond	276	158	434	9	6	3
SOUTH WEST	PALAM	MANGLAPURI	291	222	513	9	5	4
SOUTH WEST	PALAM	PALAM	697	8	705	9	9	0
SOUTH WEST	Kapeshera	Paprawat	611	272	883	9	6	3
SOUTH WEST	Najafgarh	Samas Pur Khalsa	915	250	1165	9	7	2
SOUTH WEST	Kapeshera	Guman Hera	820	473	1293	9	6	3
SOUTH WEST	NAJAFGARH	NAJAFGARH	1084	680	1764	9	6	3
SOUTH WEST	Najafgarh	Mitraon	721	2067	2788	9	2	7
SOUTH WEST	Najafgarh	Surhera	808	3933	4741	9	2	7
SOUTH WEST	NAJAFGARH	DICHAON KALAN	791	7006	7797	9	1	8
WEST	Punjabi Bagh	Tilang Pur Kotla	150	95	245	9	6	3
WEST	VIKASPURI	HASTSAL	272	685	957	9	3	6
WEST	Punjabi Bagh	Bakkar Wala	911	604	1515	9	5	4
WEST	Punjabi Bagh	Tikri Kalan	2002	643	2645	9	7	2
WEST	NANGLOI JAT	NIHAL VIHAR	946	4034	4980	9	2	7
WEST	Punjabi Bagh	Kamaruddin Nagar	3850	1284	5134	9	7	2
WEST	NANGLOI JAT	NANGLOI JAT	3408	2074	5482	9	6	3
		TOTAL	49948	51582	101530	657	350	307

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population
f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

FMD/SEROSUR/NIVEDI/Goa_10/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 50 + (Cattle + Buffalo) = 163

Knowledge level = 0.3

Cluster Level = 0.045

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 73

Total No of Animals to be Sampled = 657

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
North Goa	Satari	Edorem	41	19	60	9	6	3
North Goa	Satari	Ambeli	9	62	71	9	1	8
North Goa	Tiswadi	Morambi-O Grande (Merces)	13	61	74	9	2	7
North Goa	Bardez	Sangolda	25	56	81	9	3	6
North Goa	Tiswadi	Murda (Ct)	53	43	96	9	5	4
North Goa	Bardez	Oxel	8	89	97	9	1	8
North Goa	Satari	Nanorem	17	88	105	9	1	8
North Goa	Tiswadi	Calapor (Ct)	49	60	109	9	4	5
North Goa	Satari	Birondem	5	109	114	9	0	9
North Goa	Mapusa	Mapusa (M Ct) - Ward No.4	68	50	118	9	5	4
North Goa	Satari	Carambolim Brama	37	103	140	9	2	7
North Goa	Bardez	Sodiem	12	137	149	9	1	8
North Goa	Bardez	Calangute (Ct)	47	111	158	9	3	6
North Goa	Bardez	Nadora	85	76	161	9	5	4
North Goa	Pernem	Mopa	74	90	164	9	4	5
North Goa	Satari	Pissurlem	70	124	194	9	3	6
North Goa	Bicholim	Virdi	159	39	198	9	7	2
North Goa	Bardez	Corjuem	92	111	203	9	4	5
North Goa	Bicholim	Dumacem	17	205	222	9	1	8
North Goa	Bardez	Aldona (Ct)	43	180	223	9	2	7
North Goa	Satari	Caranzol	27	226	253	9	1	8
North Goa	Bardez	Saligao (Ct)	85	203	288	9	3	6
North Goa	Bicholim	Bicholim (M Ct) - Ward No.4	79	212	291	9	2	7
North Goa	Bicholim	Piligao	98	202	300	9	3	6
North Goa	Satari	Cumarconda	38	266	304	9	1	8
North Goa	Pernem	Alorna	178	141	319	9	5	4
North Goa	Pernem	Torxem	151	207	358	9	4	5
North Goa	Pernem	Arambol (Ct)	27	336	363	9	1	8
North Goa	Satari	Poriem	173	191	364	9	4	5
North Goa	Bicholim	Sarvona	165	211	376	9	4	5
North Goa	Bicholim	Adwalpale	213	213	426	9	5	4
North Goa	Pernem	Cansarvornem	149	318	467	9	3	6
North Goa	Satari	Dongurli	143	331	474	9	3	6
North Goa	Bicholim	Cudnem	306	252	558	9	5	4
North Goa	Bicholim	Pale (Ct)	281	314	595	9	4	5
North Goa	Satari	Buimpal	223	425	648	9	3	6
South Goa	Ponda	Vagurbem	45	23	68	9	6	3
South Goa	Salcete	Cana	34	37	71	9	4	5
South Goa	Salcete	Macasana	49	24	73	9	6	3
South Goa	Salcete	Calata	13	64	77	9	2	7
South Goa	Quepem	Sulcoma	15	98	113	9	1	8
South Goa	Ponda	Cuncolim	11	104	115	9	1	8
South Goa	Mormugao	Cansaulim	8	108	116	9	1	8
South Goa	Cuncolim	Cuncolim (M Ct) - Ward No.9	96	24	120	9	7	2
South Goa	Dharbandora	Bandoli	40	86	126	9	3	6
South Goa	Salcete	Majorda	70	65	135	9	5	4
South Goa	Quepem	Avedem	19	139	158	9	1	8
South Goa	Sanguem	Curpem	23	163	186	9	1	8

South Goa	Sanguem	Dudal	52	143	195	9	2	7
South Goa	Ponda	Candepar	82	152	234	9	3	6
South Goa	Quepem	Piria	17	218	235	9	1	8
South Goa	Salcete	Duncolim	91	172	263	9	3	6
South Goa	Ponda	Savoi-Verem	38	236	274	9	1	8
South Goa	Ponda	Codar	67	209	276	9	2	7
South Goa	Dharbandora	Piliem	117	175	292	9	4	5
South Goa	Quepem	Colomba	27	266	293	9	1	8
South Goa	Quepem	Ambaulim	67	231	298	9	2	7
South Goa	Salcete	Nuvem (Ct)	95	262	357	9	2	7
South Goa	Dharbandora	Agrote	136	247	383	9	3	6
South Goa	Salcete	Carmona	171	216	387	9	4	5
South Goa	Salcete	Betalbatim	215	173	388	9	5	4
South Goa	Quepem	Adnem	199	201	400	9	4	5
South Goa	Dharbandora	Sancordem	85	330	415	9	2	7
South Goa	Salcete	Navelim (Ct)	228	251	479	9	4	5
South Goa	Salcete	Varca (Ct)	262	220	482	9	5	4
South Goa	Canacona	Agonda	87	399	486	9	2	7
South Goa	Quepem	Fatorpa	343	152	495	9	6	3
South Goa	Quepem	Bendordem	0	527	527	9	0	9
South Goa	Ponda	Siroda	388	307	695	9	5	4
South Goa	Canacona	Cola	60	788	848	9	1	8
South Goa	Dharbandora	Sangod	267	690	957	9	3	6
South Goa	Canacona	Cotigao	35	1246	1281	9	0	9
South Goa	Canacona	Poinguinim	295	1027	1322	9	2	7
		TOTAL	7107	15634	22741	657	216	441

a: District Name
b: Block Name
c: village Name
d: Buffalo Population
e: Cattle Population
f: buffalo + Cattle Population
g: Number of units to sample
h: Buffalo Proportion
i: Cattle Proportion

FMD/SEROSUR/NIVEDI/Gujarat_11/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 12483

Knowledge level = 0.2

Cluster Level = 0.028

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 118 (+9 Reserved Villages)

Total No of Animals to be Sampled = 1534

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
AHMADABAD	Detroj-Rampura	Bhonyani	694	169	863	13	10	3
AHMADABAD	Dholka	Moti Boru	973	527	1500	13	8	5
AHMADABAD	Daskroi	Singarva (CT)	3368	4469	7837	13	6	7
AMRELI	Rajula	Zanzarda	260	222	482	13	7	6
AMRELI	Savar Kundla	Jejad	258	261	519	13	6	7
AMRELI	Babra	Vavda	352	368	720	13	6	7
AMRELI	Savar Kundla	Mota Zinzuda	286	649	935	13	4	9
ANAND	Borsad	Gorel	693	892	1585	13	6	7
ANAND	Sojitra	Trambovad	3267	121	3388	13	13	0
ARVALI	Meghraj	Badartralna (Chhapra)	427	404	831	13	7	6
ARVALI	Bhiloda	Mandhari	440	734	1174	13	5	8
ARVALI	Modasa	Kolikhad	803	1014	1817	13	6	7
ARVALI *	Malpur	Ubhran	573	2123	2696	13	3	10
BANAS KANTHA	Vadgam	Kodarali	134	410	544	13	3	10
BANAS KANTHA	Palanpur	Kharodiya	307	1003	1310	13	3	10
BANAS KANTHA	Deodar	Narana	567	827	1394	13	5	8
BANAS KANTHA	Deesa	Khentva	1009	916	1925	13	7	6
BANAS KANTHA	Palanpur	Kotda (Bhakhar)	835	1412	2247	13	5	8
BANAS KANTHA	Dhanera	Rampura Chhota	989	1654	2643	13	5	8
BANAS KANTHA	Palanpur	Palanpur (Rural) (Laxmipura) (OG)	2137	1252	3389	13	8	5
BANAS KANTHA	Lakhani	Kuwana	1805	1938	3743	13	6	7
BANAS KANTHA	Deesa	Chhatrala	3214	1233	4447	13	9	4
BANAS KANTHA *	Palanpur	Chadotar	3339	2580	5919	13	7	6
BHARUCH	Netrang	Kolivada	32	297	329	13	1	12
BHARUCH	Jhagadia	Pipdara	265	132	397	13	9	4
BHARUCH	Valia	Chanderiya	169	371	540	13	4	9
BHARUCH	Vagra	Dahej	878	504	1382	13	8	5
BHARUCH	Netrang	Kambodiya	131	1757	1888	13	1	12
BHAVNAGAR	Mahuva	Bhatakda	357	23	380	13	12	1
BHAVNAGAR	Vallabhipur	Ratanpur (Ga)	320	499	819	13	5	8
BHAVNAGAR	Talaja	Sankhadasar No.1	733	311	1044	13	9	4
BHAVNAGAR	Mahuva	Mota Khuntavada	702	478	1180	13	8	5
BOTAD	Ranpur	Khokharnesh	248	955	1203	13	3	10
BOTAD	Botad	Botad (M) - Ward No.6	451	2605	3056	13	2	11
CHHOTAUDEPUR	Nasvadi	Sukapura	65	89	154	13	5	8
CHHOTAUDEPUR	Kavant	Raja Vant	91	195	286	13	4	9
CHHOTAUDEPUR	Sankheda	Akakheda	161	394	555	13	4	9
CHHOTAUDEPUR	Jetpur Pavi	Vasangadh	355	266	621	13	7	6
CHHOTAUDEPUR	BODELI	Bodeli (CT)	1149	506	1655	13	9	4
CHHOTAUDEPUR *	Kavant	Saidivasan	294	1422	1716	13	2	11
DANG	Waghai	Bhujad	184	189	373	13	6	7
DANG	Ahwa	Wasurna	161	320	481	13	4	9
DEVBHUMI DWARKA	Khambhalia	Nava Tathiya	1227	213	1440	13	11	2
DEVBHUMI DWARKA	Kalyanpur	Habardi Manipur	828	1651	2479	13	4	9
DOHAD	Limkheda	Limkheda (CT)	700	121	821	13	11	2
DOHAD	Devgadbaria	Bhut Pagala	483	887	1370	13	5	8
DOHAD	Jhalod	Mun Khosla	905	824	1729	13	7	6
DOHAD	Devgadbaria	Moti Khajuri	1600	1414	3014	13	7	6
DOHAD	Devgadbaria	Keliya	2942	2187	5129	13	7	6

GANDHINAGAR	Gandhinagar	Palaj (CT)	953	747	1700	13	7	6
GANDHINAGAR	Kalol Gandhinagar	Saij (CT)	2234	215	2449	13	12	1
GIR SOMNATH	Una	Bhadiyadar	509	881	1390	13	5	8
GIR SOMNATH	Una	Untwala	780	1103	1883	13	5	8
JAMNAGAR	Kalavad	Moridad	232	369	601	13	5	8
JAMNAGAR	Jamnagar Rural	Lakha Bavai	1593	391	1984	13	10	3
JUNAGADH	Malia Hatina	Jhunjharpur	262	239	501	13	7	6
JUNAGADH	Vanthali	Mahobatpur	280	373	653	13	6	7
JUNAGADH *	Visavadar	Bhudi	334	572	906	13	5	8
JUNAGADH	Mangrol	Darsali	290	621	911	13	4	9
KACHCHH	Rapar	Rapar (M) - Ward No.4	126	76	202	13	8	5
KACHCHH	Bhachau	Bambhanka	476	122	598	13	10	3
KACHCHH	Gandhidham	Kharirohar	376	427	803	13	6	7
KACHCHH	Nakhatrana	Tharavada	703	201	904	13	10	3
KACHCHH	Bhachau	Kanthkot	866	540	1406	13	8	5
KACHCHH	Mandvi	Layja Mota	394	1157	1551	13	3	10
KACHCHH	Bhuj	Godpar (Khavda)	1439	317	1756	13	11	2
KHEDA	Thasra	Muliyad	775	143	918	13	11	2
KHEDA	Kapadvanj	Dahiyap	854	646	1500	13	7	6
KHEDA	Kapadvanj	Vadol	2425	377	2802	13	11	2
KHEDA	Mehmedabad	Devki Vansol	3267	228	3495	13	12	1
MAHESANA	Kadi	Thadod	476	121	597	13	10	3
MAHESANA	Unjha	Amudh	734	360	1094	13	9	4
MAHESANA	Unjha	Kahoda	1079	797	1876	13	7	6
MAHESANA	Mahesana	Nanidau	1969	395	2364	13	11	2
Mahisagar	Santrampur	Hirapura	351	252	603	13	8	5
Mahisagar	Lunawada	Kakana Chamariya	519	175	694	13	10	3
Mahisagar	Santrampur	Limada Muvadi	355	372	727	13	6	7
Mahisagar	Virpur	Bharodi	354	1438	1792	13	3	10
Mahisagar *	Balasinar	Saliyavadi	2282	965	3247	13	9	4
MORBI	Tankara	Neknam	506	416	922	13	7	6
MORBI	Wankaner	Samtherva	1065	968	2033	13	7	6
NARMADA	GARUDESHWAR	Bakhar	130	128	258	13	7	6
NARMADA	Tilakwada	Bhadarwa	171	254	425	13	5	8
NARMADA	Dediapada	Kundiamba	91	671	762	13	2	11
NARMADA	Dediapada	Navagam (Dediapada)	50	856	906	13	1	12
NAVSARI	Khergam	Naranpor	138	672	810	13	2	11
NAVSARI	Chikhli	Fadvel	432	1691	2123	13	3	10
PANCH MAHALS	Kalol	Kanetiya	277	133	410	13	9	4
PANCH MAHALS	Kalol	Athamana	573	410	983	13	8	5
PANCH MAHALS	Ghoghamba	Paroli	768	873	1641	13	6	7
PANCH MAHALS	Shehera	Matariya Vyas	2806	719	3525	13	10	3
PATAN *	Patan	Dabhid	650	230	880	13	10	3
PATAN	Chanasma	Mithi Dhariyal	809	367	1176	13	9	4
PATAN	Harij	Vansa	1394	328	1722	13	11	2
PATAN	Radhanpur	Chalwada	1582	280	1862	13	11	2
PORBANDAR	Porbandar	Delodar	879	114	993	13	12	1
PORBANDAR	Ranavav	Ranavav (M) - Ward No.5	1159	760	1919	13	8	5
RAJKOT	Kotda Sangani	Shishak	246	345	591	13	5	8
RAJKOT	Jamkandorna	Khajurda	374	451	825	13	6	7
RAJKOT	Upleta	Kolki	1168	393	1561	13	10	3
RAJKOT	Jetpur	Devki Galol	924	990	1914	13	6	7
SABAR KANTHA	POSHINA	Ganer	231	682	913	13	3	10
SABAR KANTHA	Talod	Salatpur	438	801	1239	13	5	8
SABAR KANTHA	Khedbrahma	Gundel	427	888	1315	13	4	9
SABAR KANTHA	Himatnagar	Dhundhar	1085	717	1802	13	8	5
SABAR KANTHA*	Idar	Mudeti	1027	2102	3129	13	4	9
SURAT	Kamrej	Orna	356	29	385	13	12	1
SURAT	Mangrol	Pataldevi	312	360	672	13	6	7

SURAT	Mandvi surat	Gamtalav Bujrang	137	760	897	13	2	11
SURAT	Chorasi	Rajgari	1138	208	1346	13	11	2
SURAT	Mandvi surat	Naren	746	682	1428	13	7	6
SURENDRANAGAR	Chotila	Khatadi	597	131	728	13	11	2
SURENDRANAGAR	Limbdi	Katariya	710	640	1350	13	7	6
SURENDRANAGAR	Dhrangadhra	Soladi	1158	614	1772	13	8	5
SURENDRANAGAR*	Dhrangadhra	Enjar	1009	917	1926	13	7	6
TAPI	Kukarmunda	Pishavar	125	277	402	13	4	9
TAPI	Valod	Nalotha	361	426	787	13	6	7
TAPI	Vyara	Dolara	285	996	1281	13	3	10
TAPI	Dolvan	Kalakva	936	1563	2499	13	5	8
VADODARA	Dabhoi	Tharvasa	321	29	350	13	12	1
VADODARA	Karjan	Osalam	420	145	565	13	10	3
VADODARA	DESAR	Chhalier	1222	409	1631	13	10	3
VADODARA	Padra	Chansad	1014	789	1803	13	7	6
VALSAD	Dharampur	Chichozar	15	429	444	13	0	13
VALSAD	Pardi	Pardi (M) - Ward No.6	172	601	773	13	3	10
VALSAD	VAPI	Koparli	360	1167	1527	13	3	10
VALSAD*	Dharampur	Hanmatmal	415	1705	2120	13	3	10
		TOTAL	100657	88524	189181	1651	852	799

*Reserved villages to be used for sampling if any selected village in given district is not accesible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population
f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 118
Reserved Villages 9
Total Samples

1534
117
1651

FMD/SEROSUR/NIVEDI/Haryana_12/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 6090

Knowledge level = 0.1

Cluster Level = 0.011

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 302 (+11 Reserved Villages)

Total No of Animals to be Sampled = 7783

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
AMBALA	Naraingarh	Kherki Manakpur (256)	216	54	270	25	20	5
AMBALA	Ambala	Munarheri (24)	181	112	293	25	15	10
AMBALA	Naraingarh	Wasalpur (253)	288	62	350	25	21	4
AMBALA	Barara	Dhanauri (81)	248	120	368	25	17	8
AMBALA	Naraingarh	Husaini (Part) (308)	273	110	383	25	18	7
AMBALA	Barara	Sabapur (17)	324	97	421	25	19	6
AMBALA	Barara	Tandwali (231)	258	173	431	25	15	10
AMBALA	Barara	Jharu Majra (77)	314	128	442	25	18	7
AMBALA	Barara	Talheri Gujran (13)	380	73	453	25	21	4
AMBALA	Naraingarh	Panjlasa (Part)(96)	319	165	484	25	16	9
AMBALA	Barara	Phusiala (218)	305	230	535	26	15	11
AMBALA	Naraingarh	Fatehgarh (31)	509	174	683	26	19	7
AMBALA*	Ambala	Rawlan (65)	438	268	706	26	16	10
AMBALA	Naraingarh	Pulewala (197)	537	177	714	26	20	6
AMBALA	Barara	Adhoya Hindwan (235)	452	287	739	26	16	10
AMBALA	Ambala	Bhano Kheri (180)	597	281	878	26	18	8
AMBALA	Ambala	Manglai (129)	691	308	999	26	18	8
AMBALA	Ambala	Dukheri (161)	702	374	1076	26	17	9
AMBALA	Ambala	Balana (173)	953	334	1287	26	19	7
BHIWANI	Loharu	Bardu Nai	230	81	311	25	18	7
BHIWANI	Bhiwani	Dhirana Majra Devsar (25)	426	85	511	26	22	4
BHIWANI	Bhiwani	Bhiwani (M Cl) - Ward No.4	402	182	584	26	18	8
BHIWANI	Bawani Khera	Jeeta Kheri (133)	576	122	698	26	21	5
BHIWANI	Loharu	Chehar Khurd(28)	837	291	1128	26	19	7
BHIWANI	Bhiwani	Ghuskani (7)	1010	122	1132	26	23	3
BHIWANI	Tosham	Dang Khurd(29)	988	177	1165	26	22	4
BHIWANI	Loharu	Paju(32)	929	332	1261	26	19	7
BHIWANI	Bawani Khera	Alakhpura (132)	1198	162	1360	26	23	3
BHIWANI	Bhiwani	Jatai (54)	1321	155	1476	26	23	3
BHIWANI	Tosham	Baganwala(37)	1404	220	1624	26	22	4
BHIWANI	Tosham	Khanak(34)	1362	408	1770	26	20	6
BHIWANI*	Bawani Khera	Ratera (34)	1488	294	1782	26	22	4
BHIWANI	Bhiwani	Kalinga Panu Sawai (130)	1603	304	1907	26	22	4
BHIWANI	Loharu	Pahari(36)	1348	1055	2403	26	15	11
CHARKI DADRI	Dadri	Dadhi Chhilar(178)	354	45	399	25	22	3
CHARKI DADRI	Badhra	Kari Dass(44)	512	146	658	26	20	6
CHARKI DADRI	Dadri	Bigowa (155)	818	185	1003	26	21	5
CHARKI DADRI	Dadri	Norangawas Jattan(185)	877	137	1014	26	22	4
CHARKI DADRI	Dadri	Ghikara(141)	1163	130	1293	26	23	3
CHARKI DADRI	Dadri	Shiswala(85)	1409	118	1527	26	24	2
CHARKI DADRI	Badhra	Kakroli Hukmi(29)	1355	344	1699	26	21	5
CHARKI DADRI	Dadri	Birhi Kalan(93)	1688	296	1984	26	22	4
FARIDABAD	Faridabad	Faridabad (M Corp.) - Ward	197	122	319	25	15	10
FARIDABAD	Faridabad	Faridabad (M Corp.) - Ward	485	181	666	26	19	7
FARIDABAD	Faridabad	Sherpur Khadar(146)	658	191	849	26	20	6
FARIDABAD	Ballabgarh	Bijopur(35)	847	120	967	26	23	3
FARIDABAD	Faridabad	Kheri Kalan(113)	1223	293	1516	26	21	5
FARIDABAD	Ballabgarh	Ferozepur Kalan(41)	1132	557	1689	26	17	9
FARIDABAD	Ballabgarh	Chhainsa(202)	2179	1983	4162	26	14	12

FATEHABAD	Fatehabad	Khanpur(131)	155	76	231	25	17	8
FATEHABAD	Ratia	Khai(177)	402	135	537	26	19	7
FATEHABAD	Ratia	Kamana(160)	517	161	678	26	20	6
FATEHABAD	Fatehabad	Haripura	641	228	869	26	19	7
FATEHABAD	Fatehabad	Daultpur	688	217	905	26	20	6
FATEHABAD	Fatehabad	Jhalania(49)	698	250	948	26	19	7
FATEHABAD	Fatehabad	Chandrawal(90)	866	221	1087	26	21	5
FATEHABAD	Fatehabad	Bodiwali(36)	1323	461	1784	26	19	7
FATEHABAD	Ratia	Ahrwan(127)	1272	698	1970	26	17	9
FATEHABAD	Fatehabad	Sekhpur Daroli(18)	1450	778	2228	26	17	9
FATEHABAD*	Fatehabad	Dhangar(47)	2898	2658	5556	26	14	12
FATEHABAD	Fatehabad	Bhuna(63)	3040	3699	6739	26	12	14
GURUGRAM	Pataudi	Chhilarki(14)	218	30	248	25	22	3
GURUGRAM	Gurugram	Gurgaon (M Cl) - Ward No.8	247	259	506	26	13	13
GURUGRAM	Farrukhnagar	Tripari(20)	397	118	515	26	20	6
GURUGRAM	Sohna	Schjawas(170)	350	212	562	26	16	10
GURUGRAM	Pataudi	Ghudana(9)	463	144	607	26	20	6
GURUGRAM	Pataudi	Nanukalan(27)	482	126	608	26	21	5
GURUGRAM	Farrukhnagar	Kaliawas(41)	504	177	681	26	19	7
GURUGRAM	Gurgaon	Dhumaspur(86)	345	525	870	26	10	16
GURUGRAM	Farrukhnagar	Jatola(22)	834	218	1052	26	21	5
GURUGRAM	Pataudi	Uncha Majra(43)	652	562	1214	26	14	12
GURUGRAM	Sohna	Sohna (MC) - Ward No.1	1119	433	1552	26	19	7
GURUGRAM	Gurugram	Gurgaon (M Cl) - Ward No.30	1865	1500	3365	26	14	12
HISAR	Hisar	Hisar (M Cl) - Ward No.5	251	138	389	25	16	9
HISAR	Hisar	Kheri Barki(133)	869	294	1163	26	19	7
HISAR	Barwala	Barwala (MC) Ward No. 19	143	1114	1257	26	3	23
HISAR	Hisar	Singhran(219)	896	419	1315	26	18	8
HISAR	Hisar	Chikanwas(144)	1072	465	1537	26	18	8
HISAR	Hansi	Kheri Gangan(123)	1340	249	1589	26	22	4
HISAR	Hansi	Badala(102)	1595	448	2043	26	20	6
HISAR	Hansi	Hariana Gaushala	0	2075	2075	26	0	26
HISAR	Hisar	Jcora(132)	1827	336	2163	26	22	4
HISAR	Hisar	Shahpur(168)	1258	1176	2434	26	13	13
HISAR	Hisar	Bhagana(152)	2015	450	2465	26	21	5
HISAR	Narnaund	Bheni Amirpur (71)	2123	404	2527	26	22	4
HISAR	Hansi	Khanda Kheri(67)	2441	756	3197	26	20	6
HISAR *	Hansi	Umra(137)	3875	654	4529	26	22	4
HISAR	Adampur	Kalirawan(36)	2129	2705	4834	26	11	15
JHAJJAR	Jhajjar	Asadpur Khera(241)	300	59	359	25	21	4
JHAJJAR	Jhajjar	Raipur(236)	442	78	520	26	22	4
JHAJJAR	Bahadurgarh	Daboda Kalan(51)	428	168	596	26	19	7
JHAJJAR	Jhajjar	Bahamnola(270)	613	184	797	26	20	6
JHAJJAR	Bahadurgarh	Dahkora(26)	714	241	955	26	19	7
JHAJJAR	Matenhail	Bhindawas(214)	951	90	1041	26	24	2
JHAJJAR	Jhajjar	Ahri(246)	871	232	1103	26	21	5
JHAJJAR	Bahadurgarh	Majri(71)	855	319	1174	26	19	7
JHAJJAR	Jhajjar	Gawalison(114)	960	257	1217	26	21	5
JHAJJAR	Jhajjar	Kunjia(212)	1102	254	1356	26	21	5
JHAJJAR	Bahadurgarh	Kherka Gujar(57)	510	1596	2106	26	6	20
JHAJJAR	Bahadurgarh	Rohad(25)	1826	452	2278	26	21	5
JIND	Narwana	Kalta (131)	369	64	433	25	21	4
JIND	Julana	Jai Jaiwanti (39)	646	103	749	26	22	4
JIND	Safidon	Amrali Khera (18)	649	153	802	26	21	5
JIND	Safidon	Baniya Khera	702	178	880	26	21	5
JIND	Jind	Kharak Ramji (68)	1336	17	1353	26	26	0
JIND	Safidon	Paju Kalan (46)	1196	178	1374	26	23	3
JIND	Jind	Ghimana (53)	1196	293	1489	26	21	5
JIND	Narwana	Bhikhewala (91)	1369	231	1600	26	22	4

JIND	Narwana	Sulehra (63)	1426	267	1693	26	22	4
JIND	Safidon	Ratauli (62)	1435	317	1752	26	21	5
JIND	Julana	Khraintee (20)	1507	284	1791	26	22	4
JIND	Narwana	Kabarchha (124)	1917	544	2461	26	20	6
JIND	Narwana	Sudkain Khurd (123)	2037	504	2541	26	21	5
JIND	Safidon	Singhana (43)	1845	774	2619	26	18	8
JIND *	Narwana	Ujhana (50)	5253	1086	6339	26	22	4
KAITHAL	Pundri	Pundri (MC) - Ward No.2	197	96	293	25	17	8
KAITHAL	Kaithal	Janedpur (93)	273	151	424	25	16	9
KAITHAL	Kaithal	Atela (1)	519	61	580	26	23	3
KAITHAL	Kaithal	Diluwala (10)	533	71	604	26	23	3
KAITHAL	Kaithal	Sotha (78)	527	318	845	26	16	10
KAITHAL	Guhla	Thch Banhera (2)	888	189	1077	26	21	5
KAITHAL	Kaithal	Guhna (11)	1072	177	1249	26	22	4
KAITHAL	Kaithal	Barot (3)	963	392	1355	26	18	8
KAITHAL	Kaithal	Khanoda (11)	1317	345	1662	26	21	5
KAITHAL	Fatehpur Pundri	Sakra (18)	1350	499	1849	26	19	7
KAITHAL	Fatehpur Pundri	Chuhar Majra (13)	1841	435	2276	26	21	5
KAITHAL	Kaithal	Dhos (2)	1858	500	2358	26	20	6
KAITHAL	Fatehpur Pundri	Kaul (16/1)	2686	789	3475	26	20	6
KAITHAL	Fatehpur Pundri	Pai (48)	5418	1290	6708	26	21	5
KARNAL	Gharaunda	Darulaman Tatarpur (47)	137	71	208	25	16	9
KARNAL	Karnal	Dabarkipar (118)	226	129	355	25	16	9
KARNAL	Karnal	Ganjo Garhi (7)	216	173	389	25	14	11
KARNAL	Indri	Gorgarh(64)	159	231	390	25	10	15
KARNAL	Karnal	Kalampura (12)	348	151	499	26	18	8
KARNAL	Karnal	Nalwi Khurd (81)	104	403	507	26	5	21
KARNAL	Gharaunda	Raipur Jattan (19)	451	176	627	26	19	7
KARNAL	Karnal	Bazida Jattan (4)	453	228	681	26	17	9
KARNAL	Karnal	Fatehgarh (62)	408	289	697	26	15	11
KARNAL	Assandh	Jhabala (81)	651	118	769	26	22	4
KARNAL	Gharaunda	Bijna (12)	455	462	917	26	13	13
KARNAL	Nilokheri	Saga (58)	609	342	951	26	17	9
KARNAL	Karnal	Manjura (17)	635	421	1056	26	16	10
KARNAL	Assandh	Mundh (67)	834	263	1097	26	20	6
KARNAL	Karnal	Shei Khpura (95)	746	530	1276	26	15	11
KARNAL	Nilokheri	Karsadod (13)	1034	398	1432	26	19	7
KARNAL	Karnal	Pundrak (9)	928	546	1474	26	16	10
KARNAL	Gharaunda	Kalron (11)	1040	821	1861	26	15	11
KARNAL	Assandh	Balran Gran (70)	1441	600	2041	26	18	8
KARNAL *	Karnal	Jundla (44)	1551	1911	3462	26	12	14
KURUKSHETRA	Ladwa	Ladwa (MC) - Ward No.4	153	110	263	25	15	10
KURUKSHETRA	Thanesar	Salempur (85)	153	155	308	25	12	13
KURUKSHETRA	Shahbad	Haldaheri (220)	219	112	331	25	17	8
KURUKSHETRA	Thanesar	Masana (96)	173	170	343	25	13	12
KURUKSHETRA	Thanesar	Ghisarpari (148)	203	202	405	25	13	12
KURUKSHETRA	Thanesar	Isherheri (138)	272	168	440	25	15	10
KURUKSHETRA	Thanesar	Bapda (74)	231	270	501	26	12	14
KURUKSHETRA	Pehowa	Tabra (322)	305	213	518	26	15	11
KURUKSHETRA	Thanesar	Sarai Sukhi (102)	382	204	586	26	17	9
KURUKSHETRA	Pehowa	Tikri (31)	363	270	633	26	15	11
KURUKSHETRA	Pehowa	Bibipur Kalan (50)	388	274	662	26	15	11
KURUKSHETRA	Thanesar	Jhinwerheri-II (413)	280	393	673	26	11	15
KURUKSHETRA	Thanesar	Khairi (343)	311	403	714	26	11	15
KURUKSHETRA	Thanesar	Dhudhla (106)	425	292	717	26	15	11
KURUKSHETRA	Pehowa	Chammu Kalan (294)	522	234	756	26	18	8
KURUKSHETRA	Thanesar	Nawarsi (336)	432	377	809	26	14	12
KURUKSHETRA	Pehowa	Rattangarh Kakrali (8)	671	235	906	26	19	7
KURUKSHETRA	Thanesar	Ajrana Khurd (276)	596	334	930	26	17	9

KURUKSHETRA	Thanesar	Babain (145)	559	432	991	26	15	11
KURUKSHETRA *	Pehowa	Thana (56)	2737	1358	4095	26	17	9
MAHENDRAGARH	Narnaul	Narnaul (M CI) - Ward No.16	189	65	254	25	19	6
MAHENDRAGARH	Narnaul	Gujarwas(34)	271	53	324	25	21	4
MAHENDRAGARH	Narnaul	Khairani(46)	345	73	418	25	21	4
MAHENDRAGARH	Mahendragarh	Partal(39)	393	26	419	25	23	2
MAHENDRAGARH	Mahendragarh	Malra Bass(57)	422	61	483	25	22	3
MAHENDRAGARH	Narnaul	Sagarpur(36)	474	57	531	26	23	3
MAHENDRAGARH	Narnaul	Dhanota(277)	542	27	569	26	25	1
MAHENDRAGARH	Narnaul	Bayal (258)	574	55	629	26	24	2
MAHENDRAGARH	Mahendragarh	Syana(49)	704	66	770	26	24	2
MAHENDRAGARH	Mahendragarh	Zerpur(16)	662	112	774	26	22	4
MAHENDRAGARH	Mahendragarh	Pota(8)	715	79	794	26	23	3
MAHENDRAGARH	Mahendragarh	Sohla(29)	644	156	800	26	21	5
MAHENDRAGARH	Mahendragarh	Bucholi(76)	722	116	838	26	22	4
MAHENDRAGARH	Narnaul	Mohamadpur(40)	753	139	892	26	22	4
MAHENDRAGARH	Mahendragarh	Palri Panihar(38)	951	89	1040	26	24	2
MAHENDRAGARH	Mahendragarh	Bassai(47)	1341	197	1538	26	23	3
MAHENDRAGARH	Mahendragarh	Jarwa(4)	481	1092	1573	26	8	18
MEWAT	Nuh	Palri (102)	189	28	217	25	22	3
MEWAT	Nuh	Kalinjar (135)	211	7	218	25	24	1
MEWAT	Punahana	Chandanki(213)	298	39	337	25	22	3
MEWAT	Nuh	Chhapra (167)	356	6	362	25	25	0
MEWAT	Nuh	Kherla (109)	433	4	437	25	25	0
MEWAT	Nuh	Chandeni(158)	457	20	477	25	24	1
MEWAT	Nuh	Kuruli Sohna(89)	314	230	544	26	15	11
MEWAT	Nuh	Ferozepur Namak(156)	578	15	593	26	25	1
MEWAT	Ferozepur Jhirka	Gujar Nagla(121)	359	301	660	26	14	12
MEWAT	Ferozepur Jhirka	Naharika(115)	557	113	670	26	22	4
MEWAT	Punahana	Tundlaka(172)	772	55	827	26	24	2
MEWAT	Nuh	Salaheri (155)	837	47	884	26	25	1
MEWAT	Ferozepur Jhirka	Gokalpur(161)	505	393	898	26	15	11
MEWAT	Ferozepur Jhirka	Hasanpur Bilonda (89)	928	274	1202	26	20	6
MEWAT	Nuh	Khera Khalilpur(193)	1055	465	1520	26	18	8
MEWAT *	Punahana	Dudoli(221)	1445	146	1591	26	24	2
MEWAT	Nuh	Meoli(118)	1099	539	1638	26	17	9
PALWAL	Palwal	Lalpur Qadim(166)	297	17	314	25	24	1
PALWAL	Hathin	Chilli (246)	463	31	494	25	23	2
PALWAL	Hathin	Khilluka(241)	504	13	517	26	25	1
PALWAL	Hodal	Hodal MC Ward No 20	299	233	532	26	15	11
PALWAL	Hodal	Khatela	516	126	642	26	21	5
PALWAL	Palwal	Jalhaka(59)	598	50	648	26	24	2
PALWAL	Hathin	Pahari(240)	511	202	713	26	19	7
PALWAL	Palwal	Jataula(48)	682	105	787	26	23	3
PALWAL	Palwal	Baghola (44) (CT)	774	241	1015	26	20	6
PALWAL	Palwal	Dungarpur(13)	828	229	1057	26	20	6
PALWAL	Palwal	Kushak(111)	937	283	1220	26	20	6
PALWAL	Hathin	Malai(272)	1332	100	1432	26	24	2
PALWAL	Hodal	Banchari(124)	1372	272	1644	26	22	4
PALWAL	Hodal	Hodal (Rural) (Part)(93)	1667	359	2026	26	21	5
PANCHKULA	Panchkula	Bhoj Darda (321)	74	174	248	25	7	18
PANCHKULA	Panchkula	Mandpa(208)	274	115	389	25	18	7
PANCHKULA	Panchkula	Bharauli (212)	426	249	675	26	16	10
PANCHKULA	Panchkula	Hangola (265)	536	189	725	26	19	7
PANCHKULA	Panchkula	Ganauli (200)	660	277	937	26	18	8
PANCHKULA	Panchkula	Bhareli (249)	749	430	1179	26	17	9
PANCHKULA	Panchkula	Bataur (247)	847	357	1204	26	18	8
PANIPAT	Samalkha	Begumpur Tahrpur (63)	243	87	330	25	18	7
PANIPAT	Panipat	Ganjbar (31)	802	211	1013	26	21	5

PANIPAT	Samalkha	Machhroli (68)	811	230	1041	26	20	6
PANIPAT	Samalkha	Sanoli Khurd (32)	1206	102	1308	26	24	2
PANIPAT	Panipat	Dadlana (25)	1008	473	1481	26	18	8
PANIPAT	Samalkha	Dhadola (46)	1418	408	1826	26	20	6
PANIPAT	Panipat	Bursham (35)	1547	417	1964	26	20	6
PANIPAT *	Israna	Mandi (82)	1721	1119	2840	26	16	10
REWARI	Rewari	Alamgirpur (298)	112	89	201	25	14	11
REWARI	Rewari	Devlawas (154)	209	43	252	25	21	4
REWARI	Bawal	Rudh (38)	287	49	336	25	21	4
REWARI	Kosli	Murlipur (102)	341	43	384	25	22	3
REWARI	Rewari	Shekhpur Shikarpur (224)	323	117	440	25	18	7
REWARI	Rewari	Shahbajpur Khalsa (171)	377	87	464	25	20	5
REWARI	Rewari	Gopalpur Urf Pranpura (81)	477	46	523	26	24	2
REWARI	Rewari	Motla Khurd (95)	431	102	533	26	21	5
REWARI	Rewari	Kalaka (177)	391	166	557	26	18	8
REWARI	Kosli	Gujarwas (1)	520	85	605	26	22	4
REWARI	Rewari	Bolni (164)	492	121	613	26	21	5
REWARI	Bawal	Sulkha (2)	674	109	783	26	22	4
REWARI	Bawal	Mohanpur (20)	586	204	790	26	19	7
REWARI	Rewari	Fatehpuri Tappa Dahina (5)	682	190	872	26	20	6
REWARI	Rewari	Mandola (21)	793	82	875	26	24	2
REWARI	Bawal	Tankri (48)	644	269	913	26	18	8
REWARI	Rewari	Bhudla (186)	891	215	1106	26	21	5
REWARI	Rewari	Raliawas (191)	494	667	1161	26	11	15
ROHTAK	Meham	Maham(MC) - Ward No.4	259	40	299	25	22	3
ROHTAK	Maham	Bhaini Maharajpur(121)	860	129	989	26	23	3
ROHTAK	Sampla	Gijji(32)	1016	190	1206	26	22	4
ROHTAK	Sampla	Chulliana(39)	1270	336	1606	26	21	5
ROHTAK	Rohtak	Assan(56)	1239	421	1660	26	19	7
ROHTAK	Rohtak	Pilana(116)	1773	346	2119	26	22	4
ROHTAK	Rohtak	Rohtak (M CI) - Ward No.22	2155	636	2791	26	20	6
ROHTAK	Rohtak	Khidwali(85)	3074	5536	8610	26	9	17
SIRSA	Rania	Jagjeet Nagar (233)	120	220	340	25	9	16
SIRSA	Rania	Mehna Khera(225)	208	308	516	26	10	16
SIRSA	Ellenabad	Umedpura(103)	448	381	829	26	14	12
SIRSA	Sirsa	Khatranwa(317)	435	414	849	26	13	13
SIRSA	Sirsa	Raipur(33)	494	458	952	26	13	13
SIRSA	Dabwali	Malikpura (305)	537	615	1152	26	12	14
SIRSA	Rania	Nakora(128)	541	703	1244	26	11	15
SIRSA	Dabwali	Mithri(304)	709	736	1445	26	13	13
SIRSA	Sirsa	Nirban(32)	785	781	1566	26	13	13
SIRSA	Ellenabad	Beharwala Khurd(116)	459	1188	1647	26	7	19
SIRSA	Rania	Sadewala(241)	727	1066	1793	26	11	15
SIRSA	Ellenabad	Mamera(131)	714	1175	1889	26	10	16
SIRSA	Sirsa	Darban Kalan(30)	1064	1216	2280	26	12	14
SIRSA	Sirsa	Darbi(69)	1747	654	2401	26	19	7
SIRSA	Dabwali	Desu Jodha(281)	1721	1147	2868	26	16	10
SIRSA *	Sirsa	Mallekan(96)	1642	1514	3156	26	14	12
SONIPAT	Sonipat	Sonipat (M CI) - Ward No.22	191	141	332	25	14	11
SONIPAT	Sonipat	Janti Kalan(52)	163	437	600	26	7	19
SONIPAT	Ganaur	Sardhana (123)	473	151	624	26	20	6
SONIPAT	Ganaur	Siha Khera (142)	520	106	626	26	22	4
SONIPAT	Sonipat	Sevali (39)	538	197	735	26	19	7
SONIPAT	Sonipat	Aterna (44)	440	430	870	26	13	13
SONIPAT	Gohana	Gharwal Pana Tihai (3)	892	180	1072	26	22	4
SONIPAT	Ganaur	Bajana Khurd (125)	996	241	1237	26	21	5
SONIPAT	Ganaur	Teori (127)	951	309	1260	26	20	6
SONIPAT	Gohana	Mahmudpur (28)	1063	270	1333	26	21	5
SONIPAT	Ganaur	Sheikhupura (141)	1194	495	1689	26	18	8

SONIPAT	Gohana	Saragthal (60)	1495	276	1771	26	22	4
SONIPAT	Gohana	Dhanana Aladadpur (5)	1634	238	1872	26	23	3
SONIPAT	Sonipat	Pinana (149)	1619	489	2108	26	20	6
SONIPAT	Sonipat	Jakhauli (37)	828	1990	2818	26	8	18
YAMUNANAGAR	Jagadhri	Haria Bans (151)	60	181	241	25	6	19
YAMUNANAGAR	Bilaspur	Mianpur (51)	168	86	254	25	17	8
YAMUNANAGAR	Chhachhrauli	Malikpur Khadir (170)	166	119	285	25	15	10
YAMUNANAGAR	Jagadhri	Dohli (203)	85	212	297	25	7	18
YAMUNANAGAR	Jagadhri	Ambli (357)	160	189	349	25	11	14
YAMUNANAGAR	Bilaspur	Mugalwali (259)	234	120	354	25	17	8
YAMUNANAGAR	Jagadhri	Sagri (192)	198	159	357	25	14	11
YAMUNANAGAR	Jagadhri	Bapa (55)	170	198	368	25	12	13
YAMUNANAGAR	Chhachhrauli	Bauli (208)	165	247	412	25	10	15
YAMUNANAGAR	Jagadhri	Bhagwanpur (447)	329	89	418	25	20	5
YAMUNANAGAR	Jagadhri	Panjaura (363)	264	180	444	25	15	10
YAMUNANAGAR	Jagadhri	Barheri (27)	177	268	445	25	10	15
YAMUNANAGAR	Jagadhri	Bhogpur (111)	221	254	475	25	12	13
YAMUNANAGAR	Jagadhri	Nagal (158)	213	281	494	25	11	14
YAMUNANAGAR	Bilaspur	Nagal Patti Machhrauli (262)	415	149	564	26	19	7
YAMUNANAGAR *	Bilaspur	Marwa Kalan (283)	291	334	625	26	12	14
YAMUNANAGAR	Jagadhri	Karhera (30)	363	288	651	26	14	12
YAMUNANAGAR	Chhachhrauli	Darpur (17)	513	157	670	26	20	6
YAMUNANAGAR	Bilaspur	Safilpur (46)	407	312	719	26	15	11
YAMUNANAGAR	Chhachhrauli	Kalesar (1)	387	354	741	26	14	12
YAMUNANAGAR	Jagadhri	Alipur (49)	314	442	756	26	11	15
YAMUNANAGAR	Chhachhrauli	Jairampur Khalsa (98)	492	395	887	26	14	12
YAMUNANAGAR	Jagadhri	Sadhaura (51)	438	451	889	26	13	13
YAMUNANAGAR	Jagadhri	Jathlana (4)	961	521	1482	26	17	9
		TOTAL	251549	113713	365262	8069	5672	2397

* Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population
f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 302
Reserved Villages 11
Total Samples

7783
286
8069

FMD/SEROSUR/NIVEDI/Himachal Pradesh_13/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 3262

Knowledge level = 0.3

Cluster Level = 0.015

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 221

Total No of Animals to be Sampled = 1989

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Bilaspur	Jhanduta	Badgoan (4)	201	62	263	9	7	2
Bilaspur	Naina Devi	Mayoth (342)	238	38	276	9	8	1
Bilaspur	Ghumarwin	Hawan (500)	237	81	318	9	7	2
Bilaspur	Ghumarwin	Kuh (489)	274	47	321	9	8	1
Bilaspur *	Bilaspur Sadar	Bharathu (149)	264	74	338	9	7	2
Bilaspur	Naina Devi	Dolan (360)	268	93	361	9	7	2
Bilaspur	Namhol	Ghayal (11)	38	414	452	9	1	8
Bilaspur	Namhol	Niharkhan Basla (32)	211	279	490	9	4	5
Bilaspur	Jhanduta	Sunhani (207)	620	82	702	9	8	1
Bilaspur	Bharari	Barota (277)	589	120	709	9	7	2
Bilaspur	Bilaspur Sadar	Bandla (194)	217	696	913	9	2	7
Chamba	Saluni	Dhanabal (87)	16	211	227	9	1	8
Chamba	Sihunta	Godhra (266)	49	249	298	9	1	8
Chamba *	Sihunta	Pursiara (261)	3	315	318	9	0	9
Chamba	Chamba	Chuliar (48)	8	317	325	9	0	9
Chamba	Saluni	Kundal (186)	5	363	368	9	0	9
Chamba	Chamba	HuraId (62)	63	306	369	9	2	7
Chamba	Chaurah	Garh (377)	22	392	414	9	0	9
Chamba	Bharmour	Aura	0	427	427	9	0	9
Chamba	Chaurah	Siri (378)	10	484	494	9	0	9
Chamba	Saluni	Purhan (120)	44	476	520	9	1	8
Chamba	Chamba	Darwin (70)	100	609	709	9	1	8
Chamba	Chaurah	Ghulei (370)	55	682	737	9	1	8
Chamba	Chamba	Tipra (230)	416	327	743	9	5	4
Chamba	Chamba	Ghatrer (194)	121	763	884	9	1	8
Hamirpur	Nadaun	Batran(18/10)	175	28	203	9	8	1
Hamirpur	Nadaun	Bantera (18/33)	175	30	205	9	8	1
Hamirpur	Nadaun	Galhun (19/20)	178	40	218	9	7	2
Hamirpur	Nadaun	Batran Khurd (18/10)	184	34	218	9	8	1
Hamirpur	Hamirpur	Shastar (47/42)	209	16	225	9	8	1
Hamirpur	Nadaun	Kitpal (17/46)	168	66	234	9	6	3
Hamirpur	Nadaun	Bhabhrean (18/7)	199	61	260	9	7	2
Hamirpur	Galore	Kashmir (27/24)	260	15	275	9	9	0
Hamirpur *	Nadaun	Gori (18/17)	297	4	301	9	9	0
Hamirpur	Dhatwal	Loharli (34/30)	239	63	302	9	7	2
Hamirpur	Tira Sujanpur	Chabutra Khas (53/14)	244	60	304	9	7	2
Hamirpur	Nadaun	Gurehr (18/20)	328	13	341	9	9	0
Hamirpur	Nadaun	Basaral (17/43)	298	48	346	9	8	1
Hamirpur	Hamirpur	Tibbi (51/11)	285	62	347	9	7	2
Hamirpur	Dhatwal	Maharal (34/62)	332	27	359	9	8	1
Hamirpur	Dhatwal	Samthana Kalan (34/100)	341	48	389	9	8	1
Hamirpur	Bhoranj	Kakkar (43/52)	351	45	396	9	8	1
Hamirpur	Nadaun	Bela (19/38)	284	180	464	9	6	3
Hamirpur	Hamirpur	Daruhi (47/29)	435	50	485	9	8	1
Hamirpur	Bhoranj	Jahu Khurd (43/73)	247	312	559	9	4	5
Kangra	Nagrota Bagwan	Ranhun (630)	19	184	203	9	1	8
Kangra	Nagrota Bagwan	Matehr (626)	48	161	209	9	2	7
Kangra	Dharamshala	Dharmasala (M CI) - Ward No.16	14	197	211	9	1	8
Kangra *	Jawali	Mutlahr (18)	59	161	220	9	2	7

Kangra	Dhira	Gharana (142)	97	137	234	9	4	5
Kangra	Fatehpur	Takoli Girthan (78)	129	107	236	9	5	4
Kangra	Nurpur	Ladori Khas (141)	8	230	238	9	0	9
Kangra	Harchakian	Har (206)	76	164	240	9	3	6
Kangra	Fatehpur	Gholi (103)	107	135	242	9	4	5
Kangra	Jaswan	Sawana Nichla (85)	100	147	247	9	4	5
Kangra	Dera Gopipur	Nau Shehra (604)	173	75	248	9	6	3
Kangra	Khundian	Kurera (810)	163	93	256	9	6	3
Kangra	Kangra	Nandehr (431)	37	223	260	9	1	8
Kangra	Nurpur	Sadwan Khas (106)	33	242	275	9	1	8
Kangra	Kangra	Har (555)	193	87	280	9	6	3
Kangra	Baijnath	Bir Khas (1035)	0	281	281	9	0	9
Kangra	Palampur	Balla (57)	59	224	283	9	2	7
Kangra	Palampur	Ghartholi (103)	45	254	299	9	1	8
Kangra	Fatehpur	Beli (224)	270	36	306	9	8	1
Kangra	Jawali	Balah (219)	47	265	312	9	1	8
Kangra	Shahpur	Dudhamb Khas (302)	21	310	331	9	1	8
Kangra	Indora	Surajpur Jhikla (14)	11	321	332	9	0	9
Kangra	Nurpur	Garan (311)	79	253	332	9	2	7
Kangra	Jaswan	Gurnwar (103)	172	167	339	9	5	4
Kangra	Nagrot Bagwan	Sadarpur (544)	99	241	340	9	3	6
Kangra	Nurpur	Chaunki (149)	40	300	340	9	1	8
Kangra	Nurpur	Mamun Gurchhal (122)	32	318	350	9	1	8
Kangra	Jawali	Papahn (6)	154	212	366	9	4	5
Kangra	Palampur	Menjha Buhla (62)	46	365	411	9	1	8
Kangra	Nurpur	Palahri (147)	36	376	412	9	1	8
Kangra	Jawali	Ladhiar (46)	142	272	414	9	3	6
Kangra	Fatehpur	Dholpur (151)	245	245	490	9	5	4
Kangra	Nurpur	Lodhwan Khas (14)	262	247	509	9	5	4
Kangra	Dera Gopipur	Bhalwal Nichla (110)	326	188	514	9	6	3
Kangra	Nurpur	Bari (319)	109	419	528	9	2	7
Kangra	Nurpur	Kandor (337)	163	386	549	9	3	6
Kangra	Fatehpur	Bherta (96)	146	438	584	9	2	7
Kangra	Indora	Basantpur (57)	324	264	588	9	5	4
Kangra	Nurpur	Aundi Khas (100)	140	451	591	9	2	7
Kangra	Fatehpur	Re Khas (166)	251	378	629	9	4	5
Kangra	Indora	Upparli Band (78)	253	386	639	9	4	5
Kangra	Jawali	Samkaher (4)	282	443	725	9	4	5
Kangra	Indora	Kathgarh (45)	460	343	803	9	5	4
Kangra	Indora	Damtal (2)	107	761	868	9	1	8
Kangra	Indora	Majra (16)	674	337	1011	9	6	3
Kinnaur	Nichar	Surcho (30/14)	0	255	255	9	0	9
Kinnaur	Sangla	Chhitkul (63)	0	348	348	9	0	9
Kullu	Banjar	Jauri (5/17)	0	738	738	9	0	9
Kullu *	Nermand	Dethoa (16/46)	0	888	888	9	0	9
Kullu	Sainj	Kotla (1/1)	0	908	908	9	0	9
Kullu	Banjar	Chippni (14/38)	0	1177	1177	9	0	9
Kullu	Kullu	Kais (25/47)	0	2166	2166	9	0	9
Lahul And Spiti	Lahul	Shansha (3/5)	0	277	277	9	0	9
Lahul And Spiti *	Udaipur	Triloknath (216)	0	325	325	9	0	9
Mandi	Sundarnagar	Khanokhar (61)	133	70	203	9	6	3
Mandi	Karsog	Bagaila (354)	0	211	211	9	0	9
Mandi	Padhar	Jhand (554)	40	173	213	9	2	7
Mandi	Karsog	Khalogara (345)	0	240	240	9	0	9
Mandi	Jogindarnagar	Masoli (333)	2	245	247	9	0	9
Mandi	Baldwara	Chauki (572)	178	74	252	9	6	3
Mandi	Karsog	Shegill (143)	0	253	253	9	0	9
Mandi	Bali Chowki	Khauli (690)	0	257	257	9	0	9
Mandi	Nihri	Sarcha (56)	1	257	258	9	0	9

Mandi *	Padhar	Saned (533)	8	256	264	9	0	9
Mandi	Chachyot	Daran (16)	0	284	284	9	0	9
Mandi	Mandi	Dahnun (141)	35	268	303	9	1	8
Mandi	Karsog	Nanj (520)	25	293	318	9	1	8
Mandi	Thunag	Janjehli (442)	0	325	325	9	0	9
Mandi	Bali Chowki	Panjain (600)	0	326	326	9	0	9
Mandi	Jogindarnagar	Kohra (51)	0	327	327	9	0	9
Mandi	Chachyot	Dari (47)	3	330	333	9	0	9
Mandi	Padhar	Batheri (514)	124	214	338	9	3	6
Mandi	Padhar	Padhar (502)	16	323	339	9	0	9
Mandi	Bali Chowki	Khalwan (578)	0	350	350	9	0	9
Mandi	Chachyot	Tharjun (107)	0	351	351	9	0	9
Mandi	Aut	Bahandi (472)	0	364	364	9	0	9
Mandi	Mandi	Dhar (428)	0	365	365	9	0	9
Mandi	Aut	Khachhani (454)	9	379	388	9	0	9
Mandi	Kotli	Dhandal (78)	59	354	413	9	1	8
Mandi	Karsog	Delag (552)	0	417	417	9	0	9
Mandi	Mandi	Dusra Khabu (97)	66	352	418	9	1	8
Mandi	Nihri	Shojha (288)	13	409	422	9	0	9
Mandi	Padhar	Badwahan (366)	85	363	448	9	2	7
Mandi	Mandi	Marathu (104)	21	432	453	9	0	9
Mandi	Padhar	Balh Dhar (518)	131	350	481	9	2	7
Mandi	Nihri	Dagri (274)	11	501	512	9	0	9
Mandi	Mandi	Bushaihr (194)	26	524	550	9	0	9
Mandi	Mandi	Bihan Dhar (429)	66	516	582	9	1	8
Mandi	Mandi	Arthi (220)	0	633	633	9	0	9
Shimla	Shimla (Rural)	Barohi (4/61)	12	189	201	9	1	8
Shimla	Junga	Bharhech (139)	7	199	206	9	0	9
Shimla *	Chirgaon	Jakhi (118)	0	209	209	9	0	9
Shimla	Shimla (Rural)	Phail (371)	23	196	219	9	1	8
Shimla	Rohru	Karalash	0	226	226	9	0	9
Shimla	Rampur	Kumsu (176)	0	228	228	9	0	9
Shimla	Shimla (Rural)	Shenal (290)	9	219	228	9	0	9
Shimla	Theog	Sonthal (216)	3	227	230	9	0	9
Shimla	Rohru	Bahli (80)	0	238	238	9	0	9
Shimla	Chirgaon	Ranol (25)	0	250	250	9	0	9
Shimla	Cheta	Majh Gaon (168)	0	260	260	9	0	9
Shimla	Chirgaon	Diswani (131)	0	264	264	9	0	9
Shimla	Shimla (Rural)	Geah (131)	3	261	264	9	0	9
Shimla	Cheta	Mishot (162)	0	264	264	9	0	9
Shimla	Theog	Barog (224)	17	253	270	9	1	8
Shimla	Rohru	Kutara	0	275	275	9	0	9
Shimla	Rampur	Ladsa (128)	0	282	282	9	0	9
Shimla	Rampur	Ganwi (35)	0	295	295	9	0	9
Shimla	Cheta	Banah (151)	0	297	297	9	0	9
Shimla	Theog	Nahol (220)	18	295	313	9	1	8
Shimla	Junga	Nohan (178)	33	283	316	9	1	8
Shimla	Cheta	Kulag (156)	0	343	343	9	0	9
Shimla	Cheta	Kothi (144)	0	375	375	9	0	9
Shimla	Dodra Kwar	Jakha	0	378	378	9	0	9
Shimla	Chirgaon	Khasha Dhar (120)	0	395	395	9	0	9
Shimla	Junga	Dublu (180)	17	390	407	9	0	9
Shimla	Cheta	Up Muhal Shathali	0	417	417	9	0	9
Shimla	Shimla (Rural)	Saunl (299)	13	417	430	9	0	9
Shimla	Cheta	Joru Shilal (136)	0	450	450	9	0	9
Shimla	Cheta	Manjhohi (159)	0	475	475	9	0	9
Shimla	Cheta	Dhautali (137)	0	530	530	9	0	9
Shimla	Dodra Kwar	Kiterwari (7)	0	628	628	9	0	9
Shimla	Cheta	Bag (160)	0	656	656	9	0	9

Shimla	Junga	Piran (183)	89	952	1041	9	1	8
Sirmaur	Paonta Sahib	Kodewala (163)	15	187	202	9	1	8
Sirmaur	Pachhad	Lana Marag (158)	0	271	271	9	0	9
Sirmaur	Paonta Sahib	Bhungarni (100)	60	255	315	9	2	7
Sirmaur	Paonta Sahib	Majri Paharuwala (51)	104	258	362	9	3	6
Sirmaur	Paonta Sahib	Rampur Ghat (110)	32	335	367	9	1	8
Sirmaur	Renuka	Ghaton (98)	12	406	418	9	0	9
Sirmaur	Paonta Sahib	Satiwala (130)	205	222	427	9	4	5
Sirmaur	Renuka	Bhat Garh (198)	10	598	608	9	0	9
Sirmaur	Ronhat	Jasvi (176)	4	647	651	9	0	9
Sirmaur	Paonta Sahib	Bain Kuan (127)	436	224	660	9	6	3
Sirmaur	Kamrau	Barwas (23)	16	647	663	9	0	9
Sirmaur	Paonta Sahib	Toka Nagla (125)	522	323	845	9	6	3
Solan	Nalagarh	Bhatoli (3)	142	62	204	9	6	3
Solan	Darlaghat	Banli (12)	8	206	214	9	0	9
Solan *	Arki	Banan (309)	10	215	225	9	0	9
Solan	Nalagarh	Goela (384)	108	120	228	9	4	5
Solan	Arki	Nagar Sihanwan (472)	14	234	248	9	1	8
Solan	Darlaghat	Neori (15)	17	236	253	9	1	8
Solan	Nalagarh	Palasra Nihala (79)	147	113	260	9	5	4
Solan	Arki	Jiawala (442)	58	203	261	9	2	7
Solan	Baddi	Gulanwala (194)	251	13	264	9	9	0
Solan	Arki	Rauri (105)	26	249	275	9	1	8
Solan	Kasauli	Nabon (934)	57	220	277	9	2	7
Solan	Nalagarh	Nalagarh (M CI) - Ward No.1	15	271	286	9	0	9
Solan	Nalagarh	Mittian (338)	163	126	289	9	5	4
Solan	Baddi	Jhar Majri (215)	289	0	289	9	9	0
Solan	Nalagarh	Lakhanpur (114)	196	105	301	9	6	3
Solan	Baddi	Rautan Wala (166)	262	48	310	9	8	1
Solan	Nalagarh	Rampur (99)	221	96	317	9	6	3
Solan	Nalagarh	Seri (362)	297	45	342	9	8	1
Solan	Nalagarh	Barsen (111)	307	67	374	9	7	2
Solan	Darlaghat	Naugaon (221)	35	355	390	9	1	8
Solan	Darlaghat	Kolka (66)	25	401	426	9	1	8
Solan	Baddi	Dhela (178)	390	52	442	9	8	1
Solan	Nalagarh	Deoli (12)	406	49	455	9	8	1
Solan	Nalagarh	Dhang Nichli (90)	319	142	461	9	6	3
Solan	Baddi	Mandhala (190)	414	53	467	9	8	1
Solan	Nalagarh	Dhana (95)	455	93	548	9	7	2
Solan	Nalagarh	Mastanpur (22)	429	123	552	9	7	2
Solan	Nalagarh	Majra (97)	542	112	654	9	7	2
Solan	Arki	Dumehar Bikrampur (451)	73	607	680	9	1	8
Solan	Baddi	Bather (200)	494	280	774	9	6	3
Una	Haroli	Badehra (199)	1060	745	1805	9	6	3
Una	Una	Khadunni (194)	154	68	222	9	6	3
Una	Una	Nari Upperli (189)	259	73	332	9	7	2
Una	Amb	Kaloh (142)	210	133	343	9	6	3
Una	Una	Kotla Kalan Upperli (204)	177	218	395	9	4	5
Una	Una	Bans Bounsre (219)	197	205	402	9	4	5
Una	Haroli	Palakwah (469)	225	189	414	9	5	4
Una	Santokhgarh	Santokhgarh (NP) - Ward No.1	413	120	533	9	7	2
Una	Haroli	Goindpur Tarf Jaichand (530)	432	263	695	9	6	3
Una	Una	Pandogha Nichla (195)	622	207	829	9	7	2
Una	Amb	Tatera (160)	434	603	1037	9	4	5
		TOTAL	28614	63110	91724	1989	620	1369

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population
f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

FMD/SEROSUR/NIVEDI/Jammu And Kashmir_14/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 50 + (Cattle + Buffalo) = 5779

Knowledge level = 0.2

Cluster Level = 0.052

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 63 (+8 Reserved Villages)

Total No of Animals to be Sampled = 819

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Anantnag	Anantnag	Zodar	0	221	221	13	0	13
Anantnag	Dooru	BADASGAM	0	328	328	13	0	13
Anantnag	Pahalgam	BRAI	11	332	343	13	0	13
Anantnag	Pahalgam	Kohilangoojran	82	489	571	13	2	11
Anantnag	Bijbehara	Khush Roi Kalan	0	754	754	13	0	13
Badgam	Chadoora	Check Dumjoo Ganjoo	0	92	92	13	0	13
Badgam	Budgam	Odru	0	118	118	13	0	13
Badgam	Beerwah	Yaru Gund	0	219	219	13	0	13
Badgam	Budgam	QAZIBAGH	0	285	285	13	0	13
Badgam	Khansahib	Sahni Pora	0	370	370	13	0	13
Badgam	Khansahib	Bugru	0	625	625	13	0	13
Bandipora	Bandipora	Khurshi Pora (Bothu)	0	295	295	13	0	13
Bandipora	Sonawari	Gundi Jahangir	0	547	547	13	0	13
Baramulla *	Kreeri	Thindama	0	104	104	13	0	13
Baramulla	Rafiabad	Logriwal Pora	0	115	115	13	0	13
Baramulla	Sopore	Sem Pora	0	284	284	13	0	13
Baramulla	Kreeri	Murantanguari	0	292	292	13	0	13
Baramulla	Uri	Thajal	18	324	342	13	1	12
Baramulla	Rafiabad	Ruhamia	0	1681	1681	13	0	13
Doda	Bhaderwah	Sungli	0	209	209	13	0	13
Doda	Doda	Rivara	0	262	262	13	0	13
Doda *	Doda	Masri	13	499	512	13	0	13
Doda	Thathri	Sichal	244	309	553	13	6	7
Ganderbal	Kangan	Mar Gund	0	518	518	13	0	13
Ganderbal	Kangan	Fraw Haknar	0	666	666	13	0	13
Jammu	Bishnah	Nandrol	19	71	90	13	3	10
Jammu	Bishnah	Trera	0	156	156	13	0	13
Jammu	Jammu	Kah	44	195	239	13	2	11
Jammu *	Jammu	Khwas Khan	51	206	257	13	3	10
Jammu	Bishnah	Rehal Dhamalian (Rihal Dhamalian)	47	274	321	13	2	11
Jammu	Akhnoor	Jogwan	243	243	486	13	6	7
Jammu	Akhnoor	Chak Bhagwan	291	313	604	13	6	7
Jammu	Jammu	Katal Batal	125	1324	1449	13	1	12
Kathua	Hiranagar	Gurah Balu	116	114	230	13	7	6
Kathua	Kathua	Kirpaal	86	208	294	13	4	9
Kathua	Kathua	Changrah	48	469	517	13	1	12
Kathua	Bashohli	Kailtri	134	579	713	13	2	11
Kathua	Kathua	Marhin	411	477	888	13	6	7
Kishtwar	Kishtwar	Janwas	30	404	434	13	1	12
Kishtwar	Kishtwar	Karool	838	1580	2418	13	5	8
Kulgam	Kulgam	Pambi	0	385	385	13	0	13
Kulgam	Kulgam	Chanser	0	550	550	13	0	13
Kupwara *	Kupwara	Kishta	0	210	210	13	0	13

Kupwara	Kupwara	Gugtiyal	0	424	424	13	0	13
Kupwara	Karnah	Dildar	0	829	829	13	0	13
Kupwara	Handwara	Kukrusa	0	1003	1003	13	0	13
Poonch	Haveli	Jhulas	638	503	1141	13	7	6
Poonch	Surankote	Kalar Kattal	1134	150	1284	13	11	2
Pulwama	Awantipora	Midoora (Midru)	0	157	157	13	0	13
Pulwama *	Pulwama	Pulwama (NAC) - Ward No.4	0	207	207	13	0	13
Pulwama	Pulwama	Tikan Bata Pora	0	444	444	13	0	13
Pulwama	Tral	Dadh Sara	0	710	710	13	0	13
Rajauri	Kalakote	Serotah	208	196	404	13	7	6
Rajauri *	Rajauri	Androla	328	387	715	13	6	7
Rajauri	Kalakote	Dalhote	839	461	1300	13	8	5
Rajauri	Sunderbani	Chehni	475	1247	1722	13	4	9
Ramban	Banihal	Karawa	68	958	1026	13	1	12
Ramban	Ramban	Sonnbar Barhog	1210	865	2075	13	8	5
Reasi	Gool - Arnas	Thiroo	308	274	582	13	7	6
Reasi	Gool-Gulabgarh	Lar	556	411	967	13	7	6
Samba	Samba	Khathar Brahmana	44	95	139	13	4	9
Samba *	Samba	Chandli	60	224	284	13	3	10
Samba	Samba	Kaloha	83	288	371	13	3	10
Samba	Samba	Mandera	321	94	415	13	10	3
Shopian	Keller	Pir Pora	0	263	263	13	0	13
Shopian	Keller	NAGBAL KELLER	53	557	610	13	1	12
Srinagar	Srinagar (North)	PANZINARA	0	356	356	13	0	13
Udhampur	Udhampur	Mansar	290	252	542	13	7	6
Udhampur *	Ramnagar	Prey	299	520	819	13	5	8
Udhampur	Udhampur	Sanadi	326	842	1168	13	4	9
Udhampur	Ramnagar	Beermoo	606	665	1271	13	6	7
		TOTAL	10697	31078	41775	923	167	756

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 63
Reserved Villages 8
Total Samples

819
104
923

FMD/SEROSUR/NIVEDI/Jharkhand_15/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 14001

Knowledge level = 0.2

Cluster Level = 0.071

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 46 (+5 Reserved Villages)

Total No of Animals to be Sampled = 598

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Bokaro	Chandankiyari	Gamarya	49	818	867	13	1	12
Chatra	Mayur Hand	Majurhand	0	404	404	13	0	13
Chatra	Chatra	Holmgara Kalan	55	620	675	13	1	12
Deoghar	Karon	Chandajori	0	398	398	13	0	13
Deoghar	Deoghar	Gararo	0	509	509	13	0	13
Dhanbad	KARIASOL	Kulbana	0	370	370	13	0	13
Dhanbad	Gobindpur	Kurmidi	2	636	638	13	0	13
Dumka	Gopikandar	Dighaparat	0	223	223	13	0	13
Dumka	Ranishwar	Bansbana	0	393	393	13	0	13
Dumka*	Masalia	Kolarkanda	0	617	617	13	0	13
Dumka	Jama	Dhorli	1315	1520	2835	13	6	7
East Singhbhum	Chakulia	Salkagerya	6	191	197	13	0	13
East Singhbhum	Gurbandha	Naikanshol	14	271	285	13	1	12
East Singhbhum	Potka	Mako	406	340	746	13	7	6
East Singhbhum	Potka	Bagmara	0	765	765	13	0	13
Garhwa	Ranka	Ranka Khurd	6	974	980	13	0	13
Garhwa	BARGARH	Ramar	125	1559	1684	13	1	12
Giridih	Pirtanr	Kasakend	0	297	297	13	0	13
Giridih	Jamua	Ghoranjo	16	536	552	13	0	13
Giridih	Tisri	Diwanjot	8	735	743	13	0	13
Giridih*	Bengabad	Fitkuria	0	1580	1580	13	0	13
Godda	Sundarpahari	Paharpur Jagir	4	402	406	13	0	13
Godda	Godda	Chinadhab	61	1268	1329	13	1	12
Gumla	Gumla	Sawariya	371	486	857	13	6	7
Gumla	Ghaghra	Ghagra (Ct)	35	1313	1348	13	0	13
Hazaribagh	Dadi	Religara west	238	323	561	13	6	7
Hazaribagh	Churchu	Chanaro	258	681	939	13	4	9
Jamtara	Jamtara	Sildhawa	50	419	469	13	1	12
Jamtara	Nala	Nala	22	1393	1415	13	0	13
Khunti	Karra	Sarlo	49	279	328	13	2	11
Khunti*	Murhu	Gulu	370	818	1188	13	4	9
Koderma	Satgawan	Bajania	0	353	353	13	0	13
Latehar	Mahuadanr	Bhenrital Alias Samadhi	5	473	478	13	0	13
Latehar	Latehar	Parsahi	52	614	666	13	1	12
Lohardaga	Peshrar	Bonrobar	0	345	345	13	0	13
Pakur	Pakuria	Matialghati	43	252	295	13	2	11
Pakur	Amrapara	Pusurbhita	0	591	591	13	0	13
Palamu	Nilambar Pitambarpur (Lesligani)	Erva	16	349	365	13	1	12
Palamu	Bishrampur	Bishrampur(NA)- Ward No-20	361	1216	1577	13	3	10
Ramgarh	Dulmi	Goratu	72	285	357	13	3	10
Ranchi	Silli	Jhabri(Ghabari)	110	355	465	13	3	10
Ranchi*	Mandar	Kaimbo	86	683	769	13	1	12

Sahebganj	Taljhari	Jhikra Harinkol	13	235	248	13	1	12
Sahebganj	SAHIBGANJ	Sahibganj (M) - Ward No.23	133	484	617	13	3	10
Saraikela Kharsawan	Ichagarh	Jharua	92	163	255	13	5	8
Saraikela Kharsawan	Adityapur	Adityapur (NA) - Ward No.7	147	319	466	13	4	9
Simdega	Thethaitangar	Latha Khamhar	14	815	829	13	0	13
West Singhbhum	Tonto	Palatarob	14	188	202	13	1	12
West Singhbhum	Noamundi	Kontaria	5	306	311	13	0	13
West Singhbhum*	Chaibasa	Baituibir	238	223	461	13	7	6
West Singhbhum	Chaibasa	Gundipua	105	394	499	13	3	10
		TOTAL	4966	29781	34747	663	79	584

*Reserved villages to be used for sampling if any selected village in given district is not accesible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population
f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 46
Reserved Villages 5
Total Samples

598
65
663

FMD/SEROSUR/NIVEDI/Karnataka_16/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 12082

Knowledge level = 0.1

Cluster Level = 0.036

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 91 (+5 Reserved Villages)

Total No of Animals to be Sampled = 2330

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Bagalkot	Jamkhandi	Bandigani	712	733	1445	26	13	13
Bangalore Rural	Devanahalli	SIKAYANAHALLI	16	263	279	25	1	24
Bangalore Rural	Dod Ballapur	Suthahalli	5	300	305	25	0	25
Bangalore Rural	Devanahalli	Gokare	38	333	371	25	3	22
Bangalore Rural	Nelamangala	Hasurahalli	6	373	379	25	0	25
Belgaum	Khanapur	Chigule	15	204	219	25	2	23
Belgaum	Gokak	Lagameshwar	511	79	590	26	23	3
Belgaum	CHINCHALI	Chinchali-ward No.14	362	285	647	26	15	11
Belgaum	Sampgaon	Khodanapur	279	460	739	26	10	16
Belgaum	Savadatti	Shindhogi	779	526	1305	26	16	10
Belgaum	Hukeri	Gudas	924	475	1399	26	17	9
Belgaum	Belgaum	Hudali	1297	672	1969	26	17	9
Bellary	Hagaribommanahalli	K.K. THANDA	131	272	403	25	8	17
Bellary	Sandur	Chornur	196	438	634	26	8	18
Bellary	Kudligi	SASALAWADA	176	816	992	26	5	21
Bellary *	Bellary	Sindhavalam	573	855	1428	26	10	16
Bengaluru Urban	Anekal	Mahanthalingapura	0	392	392	25	0	25
Bengaluru Urban	Bangalore North	Bangalore (M Corp.) - Ward No.12	70	436	506	26	4	22
Bidar	Bhalki	Yenkura	223	286	509	26	11	15
Bidar	Bidar	Ghodepalli	492	153	645	26	20	6
Bijapur	Bijapur	Sarawad	338	301	639	26	14	12
Bijapur	Basavana Bagevadi	Ingaleshwar	270	735	1005	26	7	19
Chamarajanagar	Gundlupet	Shyanadrahalli	4	468	472	25	0	25
Chamarajanagar	Gundlupet	THENKALAHUNDI	0	631	631	26	0	26
Chikballapur	Gauribidanur	KADACHIKKANAHALLY	13	224	237	25	1	24
Chikballapur	Gauribidanur	H.Nagasandra	34	260	294	25	3	22
Chikballapur	Chikkaballapura	Renumakalahalli	56	245	301	25	5	20
Chikballapur	Chikkaballapura	Haristhala	85	259	344	25	6	19
Chikballapur	Gauribidanur	Rayanakallu	19	454	473	25	1	24
Chikmagalur	Narasimharajapura	Salur	0	526	526	26	0	26
Chikmagalur	Chikmagalur	Sindigere	73	1477	1550	26	1	25
Chitradurga	Chitradurga	Hullehal	153	389	542	26	7	19
Chitradurga	Chitradurga	Hireguntanur	255	446	701	26	9	17
Dakshin Kannad	Puttur	Paduvannur	3	632	635	26	0	26
Dakshin Kannad	Sulya	Aivarnadu	0	1698	1698	26	0	26
Davangere	Davanagere	Nerlegi	133	482	615	26	6	20
Davangere	Harapanahalli	Adavihalli	607	946	1553	26	10	16
Dharwad	Hubli	Palikop	84	448	532	26	4	22
Dharwad	Hubli	Karadikop	345	400	745	26	12	14
Gadag	Mundargi	Kakkur	53	462	515	26	3	23
Gadag*	Gadag	Huilgol	409	411	820	26	13	13
Gulbarga	Sedam	Batgera(K)	134	215	349	25	10	15
Gulbarga	Sedam	Tottanahalli	127	484	611	26	5	21

Gulbarga	Jevargi	Naribole	57	970	1027	26	1	25
Gulbarga	Sedam	Allhalli	100	1133	1233	26	2	24
Hassan	Arsikere	Donanakatte	5	203	208	25	1	24
Hassan	Arkalgud	Holalagodu	45	244	289	25	4	21
Hassan	Arsikere	Manjenahalli	64	301	365	25	4	21
Hassan	Belur	Hadlagere	1	381	382	25	0	25
Hassan	Arkalgud	Shanavinakuppe	150	469	619	26	6	20
Hassan	Arkalgud	Nygere	138	677	815	26	4	22
Haveri	Savanur	Kunimellihalli	95	455	550	26	4	22
Haveri*	Ranibennur	Airani	189	739	928	26	5	21
Kodagu	Madikeri	Katakeri (Rural)	14	331	345	25	1	24
Kodagu	Virajpet	Kirgur	16	454	470	25	1	24
Kolar	Kolar	Doddahasala	46	176	222	25	5	20
Kolar	Mulbagal	Devarayasamudra	21	245	266	25	2	23
Kolar	Mulbagal	Mannenahalli	0	282	282	25	0	25
Kolar	Bangarapet	Palamadagu	0	387	387	25	0	25
Kolar	Srinivasapur	Mudimadugu	4	616	620	26	0	26
Koppal	Koppal	Budsettinhal	131	526	657	26	5	21
Koppal	Kushtagi	Hiregonnagar	133	1148	1281	26	3	23
Mandya	Krishnarajpet	Kabbalagerepura	29	317	346	25	2	23
Mandya	Krishnarajpet	MUDANAHALLY	27	414	441	25	2	23
Mandya*	Maddur	Yadaganahalli	179	568	747	26	6	20
Mandya	Maddur	Koolagere	474	766	1240	26	10	16
Mysore	Heggadadevankote	Chamahalli	0	353	353	25	0	25
Mysore	Piriyapatna	Poonadahalli	8	620	628	26	0	26
Mysore	Mysore	Someshwarapura	2	775	777	26	0	26
Mysore	Piriyapatna	Attigodu	223	984	1207	26	5	21
Raichur	Sindhnur	Madsirwar	145	247	392	25	9	16
Raichur	Lingsugur	Desai-Bhogapur	40	488	528	26	2	24
Raichur	Lingsugur	Phoolabhavi	43	732	775	26	1	25
Raichur	Devadurga	Bhumangund	152	1017	1169	26	3	23
Ramanagara	Magadi	Udakunte	11	437	448	25	1	24
Ramanagara	Kanakapura	Halanatha	10	835	845	26	0	26
Shimoga	Sorab	Hireidagodu	136	292	428	25	8	17
Shimoga	Tirthahalli	Basavanagadde	34	412	446	25	2	23
Shimoga	Tirthahalli	Maragalale	74	440	514	26	4	22
Shimoga	Sorab	Halesoraba	337	495	832	26	11	15
Shimoga	Sorab	Mudidoddikoppa (Mudi)	375	1024	1399	26	7	19
Tumkur	Turuvekere	Harikaranahalli	85	143	228	25	9	16
Tumkur	Kunigal	Yediyur	37	227	264	25	4	21
Tumkur	Chiknayakanhalli	Davanadahosahalli	26	325	351	25	2	23
Tumkur	Turuvekere	Dwaranahalli	153	199	352	25	11	14
Tumkur	Chiknayakanhalli	Badakegudlu	215	287	502	26	11	15
Tumkur	Tiptur	Vignasanthe	252	319	571	26	11	15
Udupi	Kundapura	Yedyadi-Mathyadi	3	1168	1171	26	0	26
Udupi	Kundapura	Thagarasi	47	2972	3019	26	0	26
Uttar Kannad	Sirsi	Kadbal	54	240	294	25	5	20
Uttar Kannad*	Ankola	Aversa (Ct)	126	413	539	26	6	20
Uttar Kannad	Sirsi	Byagadde	172	379	551	26	8	18
Uttar Kannad	Siddapur	Bhankuli	59	687	746	26	2	24
Uttar Kannad	Honavar	Kudrige	147	997	1144	26	3	23
Yadgir	Shorapur	Badyapur	37	572	609	26	2	24
Yadgir	Shahpur	Kadamgera (B)	276	1878	2154	26	3	23

		TOTAL	15197	52703	67900	2460	498	1962
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*Reserved villages to be used for sampling if any selected village in given district is not accesible, having logistic problem or any other issues

a: District Name	f: Buffalo + Cattle Population	Unreserved Villages 91	2330
b: Block Name	g : Number of units to be sample	Reserved Villages 5	130
c: Village Name	h: Buffalo Proportion	Total Samples	2460
d: Buffalo Population	i: Cattle Proportion		
e: Cattle Population			

FMD/SEROSUR/NIVEDI/Kerala_17/2023

Stratified Random Sampling:

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 4336

Knowledge level = 0.2

Cluster Level = 0.036

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 91 (+7 Reserved Villages)

Total No of Animals to be Sampled = 1183

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Alappuzha	Karthikappally	Kumarapuram(GP)WardNo.4	16	99	115	13	2	11
Alappuzha	Mavelikkara	Palamel(GP)WardNo.16	3	133	136	13	0	13
Alappuzha	Mavelikkara	Bharanikkavu(GP)WardNo.1	7	132	139	13	1	12
Alappuzha	Mavelikkara	Mavelikkara Thekkekara(GP)WardNo.14	10	150	160	13	1	12
Alappuzha	Mavelikkara	Mavelikkara Thekkekara(GP)WardNo.9	0	190	190	13	0	13
Alappuzha	Karthikappally	Karuvatta(GP)WardNo.14	58	139	197	13	4	9
Ernakulam	Muvattupuzha	Pampakuda(GP)WardNo.7	0	102	102	13	0	13
Ernakulam	Kothamangalam	Pothanicad(GP)WardNo.2	2	114	116	13	0	13
Ernakulam	Aluva	Nedumbassery(GP)WardNo.4	18	102	120	13	2	11
Ernakulam	Kunnathunad	Kunnathunad(GP)WardNo.11	18	125	143	13	2	11
Ernakulam	Muvattupuzha	Elanjil(GP)WardNo.5	11	150	161	13	1	12
Ernakulam	Kothamangalam	Nellikuzhi(GP)WardNo.2	6	156	162	13	0	13
Ernakulam	Muvattupuzha	Valakom(GP)WardNo.10	13	161	174	13	1	12
Ernakulam	Kunnathunad	Mazhuvannoor(GP)WardNo.12	2	205	207	13	0	13
Ernakulam*	Kothamangalam	Kavalangad(GP)WardNo.18	12	229	241	13	1	12
Ernakulam	Kothamangalam	Kuttampuzha(GP)WardNo.12	12	240	252	13	1	12
Idukki	Devikulam	Vellathooval(GP)WardNo.12	0	160	160	13	0	13
Idukki	Udumbanchola	Nedumkandam(GP)WardNo.8	19	171	190	13	1	12
Idukki	Udumbanchola	Senapathy(GP)WardNo.13	2	198	200	13	0	13
Idukki	Devikulam	Adimali(GP)WardNo.2	37	193	230	13	2	11
Idukki *	Idukki	Vathikudy(GP)WardNo.17	4	257	261	13	0	13
Kannur	Taliparamba	Chengalayil(GP)WardNo.4	9	98	107	13	1	12
Kannur	Iritty	Padiyoor-Kalliadi(GP)WardNo.6	2	126	128	13	0	13
Kannur	Iritty	Kanichar(GP)WardNo.1	5	140	145	13	0	13
Kannur	Taliparamba	Alakkode(GP)WardNo.20	9	169	178	13	1	12
Kannur	Iritty	Ayyankunnu(GP)WardNo.4	18	171	189	13	1	12
Kannur	Taliparamba	Karivellur-Peralam(GP)WardNo.6	3	194	197	13	0	13
Kannur*	Iritty	Ulikkal(GP)WardNo.15	3	224	227	13	0	13
Kasaragod	Hosdurg	Kayyur-Chemeni(GP)WardNo.9	3	134	137	13	0	13
Kasaragod	Hosdurg	Pilicode(GP)WardNo.1	9	146	155	13	1	12
Kasaragod	Manjeswaram	Vorkady(GP)WardNo.10	0	188	188	13	0	13
Kasaragod	Vellarikkundu	EastEleri(GP)WardNo.9	4	237	241	13	0	13
Kollam	Punalur	Anchal(GP)WardNo.9	0	102	102	13	0	13
Kollam	Kottarakkara	Chithara(GP)WardNo.14	8	122	130	13	1	12
Kollam	Karunagappally	Panmana(GP)WardNo.6	31	110	141	13	3	10
Kollam	Kollam	Kalluvathukkal(GP)WardNo.16	1	147	148	13	0	13
Kollam	Kottarakkara	Veliyam(GP)WardNo.14	7	163	170	13	1	12
Kollam	Kunnathur	SooranadSouth(GP)WardNo.10	23	155	178	13	2	11
Kollam	Punalur	Edamulackal(GP)WardNo.16	0	218	218	13	0	13
Kottayam	Kottayam	Pampady(GP)WardNo.6	3	104	107	13	0	13
Kottayam	Changanassery	Vellavoor(GP)WardNo.10	1	111	112	13	0	13
Kottayam *	Vaikom	Njezhoor(GP)WardNo.10	15	122	137	13	1	12
Kottayam	Vaikom	Mulakkulam(GP)WardNo.8	10	137	147	13	1	12
Kottayam	Meenachil	Ramapuram(GP)WardNo.10	5	164	169	13	0	13

Kottayam	Meenachil	Kadanad(GP)WardNo.5	4	170	174	13	0	13
Kottayam	Kottayam	Ayarkunnam(GP)WardNo.3	19	162	181	13	1	12
Kozhikode	Koyilandi	Thurayoor(GP)WardNo.3	0	104	104	13	0	13
Kozhikode	Kozhikode	Karassery(GP)WardNo.10	16	106	122	13	2	11
Kozhikode	Vatakara	Velam(GP)WardNo.5	2	152	154	13	0	13
Kozhikode	Koyilandi	Koorachundu(GP)WardNo.13	5	149	154	13	0	13
Kozhikode	Thamarassery	Kodencherry(GP)WardNo.13	2	210	212	13	0	13
Kozhikode	Koyilandi	Koorachundu(GP)WardNo.6	23	206	229	13	1	12
Kozhikode*	Koyilandi	Perambra(GP)WardNo.1	2	275	277	13	0	13
Malappuram	Nilambur	Chaliyar(GP)WardNo.7	41	68	109	13	5	8
Malappuram	Nilambur	Vazhikkadavu(GP)WardNo.23	22	95	117	13	2	11
Malappuram	Ponnani	Thavanur(GP)WardNo.6	13	110	123	13	1	12
Malappuram	Ernad	Pandikkad(GP)WardNo.15	5	120	125	13	1	12
Malappuram	Nilambur	Amarambalam(GP)WardNo.19	0	127	127	13	0	13
Malappuram	Nilambur	Chungathara(GP)WardNo.2	12	125	137	13	1	12
Malappuram	Nilambur	Amarambalam(GP)WardNo.9	26	127	153	13	2	11
Malappuram	Ernad	Urangattiri(GP)WardNo.1	9	151	160	13	1	12
Malappuram	Ernad	Pandikkad(GP)WardNo.8	31	160	191	13	2	11
Malappuram	Nilambur	Moothedam(GP)WardNo.14	12	213	225	13	1	12
Palakkad	Alathur	Kuzhalmannam(GP)WardNo.1	2	113	115	13	0	13
Palakkad	Ottappalam	Nellaya(GP)WardNo.14	0	133	133	13	0	13
Palakkad	Palakkad	Mundur(GP)WardNo.12	22	113	135	13	2	11
Palakkad	Palakkad	Kannadi(GP)WardNo.1	3	177	180	13	0	13
Palakkad	Chittur	Nalleppilly(GP)WardNo.7	2	210	212	13	0	13
Palakkad	Chittur	Nalleppilly(GP)WardNo.15	4	213	217	13	0	13
Palakkad	Mannarkad	Agali(GP)WardNo.7	1	298	299	13	0	13
Palakkad	Chittur	Muthalamada(GP)WardNo.13	3	298	301	13	0	13
Palakkad	Chittur	Vadakarapathy(GP)WardNo.15	2	378	380	13	0	13
Palakkad*	Mannarkad	Pudur(GP)WardNo.2	0	432	432	13	0	13
Pathanamthitta	Ranni	Naranamoozhi(GP)WardNo.1	12	101	113	13	1	12
Pathanamthitta	Adoor	PandalamThekkekara(GP)WardNo.1	3	125	128	13	0	13
Pathanamthitta	Thiruvalla	Thottapuzhassery(GP)WardNo.10	20	115	135	13	2	11
Pathanamthitta	Adoor	Pallickal(GP)WardNo.20	5	164	169	13	0	13
Pathanamthitta	Adoor	Ezhamkulam(GP)WardNo.11	1	230	231	13	0	13
Thiruvananthapuram	Neyyattinkara	Poovar(GP)WardNo.15	0	104	104	13	0	13
Thiruvananthapuram	Chirayinkeezhu	Chirayinkeezhu(GP)WardNo.9	18	111	129	13	2	11
Thiruvananthapuram	Thiruvananthapuram	Venganoor(GP)WardNo.8	14	125	139	13	1	12
Thiruvananthapuram	Varkala	Chemmaruthy(GP)WardNo.9	18	129	147	13	2	11
Thiruvananthapuram	Thiruvananthapuram	Kalliyoar(GP)WardNo.21	10	141	151	13	1	12
Thiruvananthapuram	Kattakkada	Kattakada(GP)WardNo.13	4	158	162	13	0	13
Thiruvananthapuram	Neyyattinkara	Chenkal(GP)WardNo.11	14	148	162	13	1	12
Thiruvananthapuram	Kattakkada	Poovachal(GP)WardNo.11	0	182	182	13	0	13
Thrissur	Chalakkudy	Kodassery(GP)WardNo.10	12	96	108	13	1	12
Thrissur	Talappilly	Thiruvilwamala(GP)WardNo.10	11	103	114	13	1	12
Thrissur	Talappilly	Thiruvilwamala(GP)WardNo.4	0	118	118	13	0	13
Thrissur	Chalakkudy	Annamanada(GP)WardNo.3	43	100	143	13	4	9
Thrissur	Mukundapuram	Karalam(GP)WardNo.12	12	137	149	13	1	12
Thrissur	Kodungallur	Sreenarayanapuram(GP)WardNo.1	25	127	152	13	2	11
Thrissur	Mukundapuram	Muriyad(GP)WardNo.4	35	153	188	13	2	11
Thrissur*	Mukundapuram	Kattur(GP)WardNo.12	63	128	191	13	4	9
Thrissur	Kodungallur	Sreenarayanapuram(GP)WardNo.13	56	139	195	13	4	9
Thrissur	Mukundapuram	Muriyad(GP)WardNo.16	25	203	228	13	1	12
Wayanad	Vythiri	Muttill(GP)WardNo.12	19	205	224	13	1	12
Wayanad	Sulthanbathery	Noolpuzha(GP)WardNo.17	10	333	343	13	0	13
		TOTAL	1132	15758	16890	1274	85	1189

*Reserved villages to be used for sampling if any selected village in given district is not accesible, having logistic problem or any other issues

a: District Name	f: Buffalo + Cattle Population	Unreserved Villages 91	1183
b: Block Name	g : Number of units to be sample	Reserved Villages 7	91
c: Village Name	h: Buffalo Proportion	Total Samples	1274
d: Buffalo Population	i: Cattle Proportion		
e: Cattle Population			

FMD/SEROSUR/NIVEDI/Ladakh_39/2023

Stratified Random Sampling:

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 20 + (Cattle + Buffalo) = 172

Knowledge level = 0.3

Cluster Level = 0.045

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 73

Total No of Animals to be Sampled = 656

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Kargil	Sankoo	Panikhar	0	82	82	9	0	9
Kargil	Shanker Chiktan	Darkiat	0	82	82	9	0	9
Kargil	Shanker Chiktan	Heniskot	0	89	89	9	0	9
Kargil	Sankoo	Thuls Pursa	0	151	151	9	0	9
Kargil	Shanker Chiktan	Sanjak	0	159	159	9	0	9
Kargil	Shanker Chiktan	Karit	0	169	169	9	0	9
Kargil	Kargil	Thrangos	0	177	177	9	0	9
Kargil	Kargil	KARKIT CHOO	0	260	260	9	0	9
Kargil	Sankoo	Karchey Khar	0	271	271	9	0	9
Kargil	Zanskar	Ruru Moony	0	271	271	9	0	9
Kargil	Sankoo	Khows	0	289	289	9	0	9
Kargil	Kargil	Staktse	0	310	310	9	0	9
Kargil	DRASS	Yalboo	0	330	330	9	0	9
Kargil	Sankoo	Kanor	0	348	348	9	0	9
Kargil	Sankoo	Purtikchy	0	385	385	9	0	9
Kargil	Kargil	Chuliskambo	0	385	385	9	0	9
Kargil	DRASS	Rambirpur (Drass)	0	426	426	9	0	9
Kargil	Kargil	Akchamal	0	427	427	9	0	9
Kargil	Kargil	Kaksar	0	432	432	9	0	9
Kargil	Sankoo	Yuljuk	0	459	459	9	0	9
Kargil	Kargil	Tronjen (Trankuchan)	0	486	486	9	0	9
Kargil	Kargil	Yourbaltak	0	510	510	9	0	9
Kargil	Zanskar	Lungmi Rezing	0	519	519	9	0	9
Kargil	Zanskar	Hamiling	0	576	576	9	0	9
Kargil	Kargil	Wakha	0	577	577	9	0	9
Kargil	Zanskar	Abran	0	586	586	9	0	9
Kargil	Zanskar	Karshah	0	601	601	9	0	9
Kargil	Zanskar	Seni	0	634	634	9	0	9
Kargil	Sankoo	Tambis	0	642	642	9	0	9
Kargil	Kargil	Hardas	0	650	650	9	0	9
Kargil	Sankoo	Saliskot	0	673	673	9	0	9
Kargil	Zanskar	Padam	0	739	739	9	0	9
Kargil	Sankoo	Thasgam Thaine	0	951	951	9	0	9
Kargil	Sankoo	Lankarchey	0	1071	1071	9	0	9
Kargil	Zanskar	Ating	0	1129	1129	9	0	9
Kargil	Zanskar	Remala Skyagam	0	1174	1174	9	0	9
Leh Ladakh	Leh	Hamis	0	46	46	8	0	8
Leh Ladakh	Nubra	Tsaga	0	77	77	9	0	9
Leh Ladakh	Leh	Langokor	0	79	79	9	0	9
Leh Ladakh	Leh	Shang	0	116	116	9	0	9
Leh Ladakh	Leh	Himya	0	137	137	9	0	9
Leh Ladakh	Leh	Matselang	0	148	148	9	0	9

Leh Ladakh	Khalsi	Lamayouro	0	158	158	9	0	9
Leh Ladakh	Nubra	Digger	0	182	182	9	0	9
Leh Ladakh	Leh	Shara	0	186	186	9	0	9
Leh Ladakh	Leh	Stakna	0	196	196	9	0	9
Leh Ladakh	Leh	Leh (NAC) - Ward No.2	0	213	213	9	0	9
Leh Ladakh	Leh	Leh (NAC) - Ward No.5	0	235	235	9	0	9
Leh Ladakh	Nubra	Skarpuk	0	236	236	9	0	9
Leh Ladakh	Khalsi	Alchi	0	252	252	9	0	9
Leh Ladakh	Leh	Leh (NAC) - Ward No.6	0	254	254	9	0	9
Leh Ladakh	Nubra	Udmaru	0	287	287	9	0	9
Leh Ladakh	Nubra	Turtok	0	301	301	9	0	9
Leh Ladakh	Nubra	Lakjung	0	335	335	9	0	9
Leh Ladakh	Khalsi	Temisgam	0	354	354	9	0	9
Leh Ladakh	Khalsi	Skur Buchan	0	373	373	9	0	9
Leh Ladakh	Khalsi	Hemishok Pachan	0	441	441	9	0	9
Leh Ladakh	Leh	Leh (NAC) - Ward No.1	0	478	478	9	0	9
Leh Ladakh	Leh	Chuchot Shama	0	499	499	9	0	9
Leh Ladakh	Leh	Spituk (Ct)	0	513	513	9	0	9
Leh Ladakh	Leh	Likir	0	518	518	9	0	9
Leh Ladakh	Leh	Shey	0	530	530	9	0	9
Leh Ladakh	Nubra	Bogdang	0	535	535	9	0	9
Leh Ladakh	Nubra	Khemi	0	536	536	9	0	9
Leh Ladakh	Leh	Man Pangong	0	543	543	9	0	9
Leh Ladakh	Khalsi	Damkhar	0	616	616	9	0	9
Leh Ladakh	Leh	Anlay	0	618	618	9	0	9
Leh Ladakh	Nubra	Chamshan Charasa	0	663	663	9	0	9
Leh Ladakh	Leh	Nimo	0	672	672	9	0	9
Leh Ladakh	Leh	Mathoo	0	745	745	9	0	9
Leh Ladakh	Leh	Thiksey	0	886	886	9	0	9
Leh Ladakh	Nubra	Diskit	0	1007	1007	9	0	9
Leh Ladakh	Leh	Fiang	0	1038	1038	9	0	9
		TOTAL	0	32023	32023	656	0	656

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population
f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

FMD/SEROSUR/NIVEDI/Madhya Pradesh_19/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 24887

Knowledge level = 0.2

Cluster Level = 0.032

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 103 (+8 Reserved Villages)

Total No of Animals to be Sampled = 1339

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
AGAR MALWA	Badod	Sarangakhedi	378	427	805	13	6	7
ALIRAJPUR	Alirajpur	Masni	102	636	738	13	2	11
ALIRAJPUR	Jobat	Bada Itara	73	1244	1317	13	1	12
ANUPPUR	Jaithari	Semarwar	78	595	673	13	2	11
ANUPPUR	Jaithari	Gaurela	138	1210	1348	13	1	12
ASHOKNAGAR	Mungaoli	Barkheda Athai	253	325	578	13	6	7
ASHOKNAGAR	piprai	Laloi Tanka	286	699	985	13	4	9
BALAGHAT	Katangi	Agasi	122	481	603	13	3	10
BALAGHAT	Tirodi	Katedara	294	609	903	13	4	9
BARWANI	Pansemal	Gongwada	96	602	698	13	2	11
BARWANI	Niwali	Dondwada	359	2065	2424	13	2	11
BETUL	Shahpur	Gurgunda	35	508	543	13	1	12
BETUL	Chicholi	Gothana	409	1207	1616	13	3	10
BHIND	Mehgaon	Takpura	663	34	697	13	12	1
BHIND*	Gormi	Gormi (NP) - Ward No.1	676	300	976	13	9	4
BHOPAL	Berasia	Bhakhawa	346	201	547	13	8	5
BHOPAL	Huzur	Chopda Kalan	387	541	928	13	5	8
BURHANPUR	Nepanagar	Dabalikalalan	101	672	773	13	2	11
CHHATARPUR	Rajnagar	Sapoha	471	237	708	13	9	4
CHHATARPUR	Chhatarpur	Panotha	1071	618	1689	13	8	5
CHHINDWARA	Bichhua	Badosa	38	360	398	13	1	12
CHHINDWARA	Harrai	Harrai (NP) - Ward No.9	98	349	447	13	3	10
CHHINDWARA	Mohkhed	Maini Khapa Mal	61	417	478	13	2	11
CHHINDWARA	Mohkhed	Chargaon Karbal	68	677	745	13	1	12
CHHINDWARA	Chhindwara	Gangiwada	90	953	1043	13	1	12
DAMOH	Batiyagarh	Ludhora	118	354	472	13	3	10
DAMOH	Tendukheda	Taradehi Mal	286	1070	1356	13	3	10
DATIA	Datia	Sersa	618	156	774	13	10	3
DATIA	Bhander	Dhanoti	811	286	1097	13	10	3
DEWAS	Satwas	Gardijhawariya	286	306	592	13	6	7
DEWAS *	Satwas	Sendrani	233	633	866	13	3	10
DHAR	Manawar	Jatpur	284	596	880	13	4	9
DHAR	Kukshi	Padlaya	232	873	1105	13	3	10
DINDORI	Shahpura	Dhangoan Mal. (Chanti)	119	566	685	13	2	11
DINDORI	BAJAG	Kirangi Mal.	24	835	859	13	0	13
EAST NIMAR	Punasa	Badhani	309	363	672	13	6	7
EAST NIMAR	Khalwa	Nagotar	314	1281	1595	13	3	10
GUNA	Aron	Salay	217	303	520	13	5	8
GUNA	Kumbhraj	Pipalkhedi Kalan	455	522	977	13	6	7
GWALIOR	Gird	Kheriya Keshar	458	66	524	13	11	2
GWALIOR*	Gwalior	Gwalior (M Corp.) - Ward No.55	397	765	1162	13	4	9
HARDA	Timarni	Bhavras	206	335	541	13	5	8
HARDA	Timarni	Gondagaon Kalan	314	611	925	13	4	9

HOSHANGABAD	Sohagpur	Bankhedi Rewa	173	356	529	13	4	9
HOSHANGABAD	Seoni-Malwa	Rawanpipal	173	552	725	13	3	10
INDORE	Depalpur	Ahirwas	566	215	781	13	9	4
INDORE	Sawer	Kadwali Khurd	593	389	982	13	8	5
JABALPUR	Kundam	Bahnapani (Bihnapani)	11	432	443	13	0	13
JABALPUR	Sihora	Gosalpur	119	433	552	13	3	10
JHABUA	Meghnagar	Agral	212	375	587	13	5	8
JHABUA *	Petlawad	Sarangi	590	966	1556	13	5	8
KATNI	Murwara - Katni	Murwara (Katni) (M Corp.) - Ward No.44	157	421	578	13	4	9
KATNI	Badwara	Suddi	107	929	1036	13	1	12
KHARGONE	Bhagwanpura	Galtar	200	704	904	13	3	10
KHARGONE	Kasrawad	Bhilgaon	354	736	1090	13	4	9
MANDLA	Bichhiya	Dungra Ryt.	149	421	570	13	3	10
MANDLA	Bichhiya	Kosampani	89	646	735	13	2	11
Mandsaur	Shamgarh	Junapani Dhoranya	173	381	554	13	4	9
Mandsaur *	Bhanpura	Dudhakhedi	329	461	790	13	5	8
MORENA	Joura	Nidhan	865	43	908	13	12	1
MORENA	Ambah	Mal Basai	1613	245	1858	13	11	2
NARSINGHPUR	Gadarwara	Jhikoli	88	339	427	13	3	10
NARSINGHPUR	Gotegaon	Surwari	148	503	651	13	3	10
NEEMUCH	Jawad	Morka	323	279	602	13	7	6
NEEMUCH	Manasa	Khankhedi	615	300	915	13	9	4
PANNA	Devendranagar	Rjor Pukha	186	484	670	13	4	9
PANNA	Devendranagar	Gukhaur	451	813	1264	13	5	8
RAISEN	Goharganj	Sarakiya	139	296	435	13	4	9
RAISEN	Begamganj	Dhandhiya	349	979	1328	13	3	10
RAJGARH	Narsingharh	Senwas	171	146	317	13	7	6
RAJGARH	Sarangpur	Deoliman Jagir	402	102	504	13	10	3
RAJGARH	Sarangpur	Nipanyatula	386	755	1141	13	4	9
RAJGARH *	Jirapur	Lasudiya Kheraj	966	269	1235	13	10	3
RATLAM	Bajna	Amarpura Khurd	92	366	458	13	3	10
RATLAM	Ratlam	Rattagarh Kheda	434	550	984	13	6	7
REWA	Teonthar	Atarsuiya	51	254	305	13	2	11
REWA	Hanumana	Sardaman	39	391	430	13	1	12
REWA	Teonthar	Darimanpurwa	304	154	458	13	9	4
REWA	Sirmour	Khairhan	80	640	720	13	1	12
REWA	Huzur	Maidani	349	594	943	13	5	8
SAGAR	Khurai	Golni	52	344	396	13	2	11
SAGAR	Sagar	Sagar (M Corp.) - Ward No.19	264	292	556	13	6	7
SAGAR	Malthon	Jhikni	99	623	722	13	2	11
SAGAR	Banda	Dilakhedi	108	655	763	13	2	11
SATNA	Maihar	Naugawankap	89	331	420	13	3	10
SATNA	Raghurajnagar	Naina	155	560	715	13	3	10
SATNA	Rampur Baghelan	Mahurachh Kadaila	186	550	736	13	3	10
SATNA	Maihar	Bhaisasur	372	570	942	13	5	8
SEHORE	Sehore	Amamay	321	363	684	13	6	7
SEHORE*	Nasrullaganj	Nasrullaganj (NP) - Mahatma Gandhi	292	542	834	13	5	8
SEONI	Kurai	Batama Dehwani	18	372	390	13	1	12
SEONI	Barghat	Kachna	45	776	821	13	1	12
SHAHDOL	Jaisinghnagar	Budhsar	92	617	709	13	2	11
SHAHDOL	Beohari	Papodh	299	1254	1553	13	3	10
SHAJAPUR	Moman Badodiya	Sagadiya	574	200	774	13	10	3
SHAJAPUR	Kalapipal	Pankhedi (CT)	663	854	1517	13	6	7

SHEOPUR	Sheopur	Halgaoda Bujurg	517	334	851	13	8	5
SHEOPUR	Karahal	Sarjpura	324	829	1153	13	4	9
SHIVPURI	Khaniyadhana	Sular Kalan	506	163	669	13	10	3
SHIVPURI	Pichhore	Semri Pichhore	661	571	1232	13	7	6
SIDHI	Majhauri	Kamchad	112	534	646	13	2	11
SIDHI	Kusmi	Bastua	111	962	1073	13	1	12
SINGRAULI	Singrauli	Solang	77	688	765	13	1	12
SINGRAULI	Chitrangi	Gator	0	1390	1390	13	0	13
TIKAMGARH	Baldeogarh	Kailpura	529	344	873	13	8	5
TIKAMGARH	Palera	Touriya Khas	725	467	1192	13	8	5
UJJAIN *	Tarana	Bordagujar	277	222	499	13	7	6
UJJAIN	Ghatiya	Goyala Buzurg	602	319	921	13	8	5
UMARIA	Chandia	Chandia (NP) - Ward No.10	155	637	792	13	3	10
VIDISHA	Vidisha	Sayar	118	336	454	13	3	10
VIDISHA	Tyonda	Kasba Bagrod	106	497	603	13	2	11
		TOTAL	32869	60003	92872	1443	500	943

*Reserved villages to be used for sampling if any selected village in given district is not accesible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 103
Reserved Villages 8
Total Samples

1339
104
1443

FMD/SEROSUR/NIVEDI/Maharashtra_20/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 16631

Knowledge level = 0.1

Cluster Level = 0.022

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 150 (+11 Reserved Villages)

Total No of Animals to be Sampled = 3838

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Ahmednagar	Shrigonda	Mungusgaon	48	572	620	26	2	24
Ahmednagar	Nevasa	Handi Ningaon	330	572	902	26	10	16
Ahmednagar	Nagar	Khatgaon Takli	38	880	918	26	1	25
Ahmednagar	Pathardi	Mohoj Kh.	170	1387	1557	26	3	23
Ahmednagar	Rahta	Pimpri Nirmal	8	3216	3224	26	0	26
Akola	Akot	Dinoda	18	353	371	25	1	24
Akola *	Balapur	Nimkarda	129	501	630	26	5	21
Amravati	Dharni	Nagudhana	30	178	208	25	4	21
Amravati	Warud	Kachurna	60	240	300	25	5	20
Amravati	Daryapur	Hingani Mirzapur	14	454	468	25	1	24
Amravati	Chikhaldara	Sarwarkheda	121	435	556	26	6	20
Amravati	Nandgaon Khandeshwar	Wadhona Ramnath	85	705	790	26	3	23
Amravati	Dhamangaon Railway	Virul Ronghe	89	955	1044	26	2	24
Aurangabad	Vaijapur	Shivgaon	64	319	383	25	4	21
Aurangabad	Paithan	Bramhagavhan	154	324	478	25	8	17
Aurangabad	Sillod	Anad	236	266	502	26	12	14
Aurangabad	Kannad	Bhokangaon	141	707	848	26	4	22
Aurangabad	Khuldabad	Kasabkheda	97	1017	1114	26	2	24
Beed	Georai	Madalmohi	137	294	431	25	8	17
Beed	Patoda	Wahali	199	314	513	26	10	16
Beed	Ashti	Mahadeowadi (N.V.)	199	402	601	26	9	17
Beed	Manjlegaon	Shimpetakali	286	498	784	26	9	17
Beed *	Wadwani	Harishchandra Pimpri	160	829	989	26	4	22
Bhandara	Mohadi	Mundhari Kh	144	463	607	26	6	20
Bhandara	Mohadi	Roha	631	574	1205	26	14	12
Buldhana	Mehkar	Sonati	110	241	351	25	8	17
Buldhana	Khamgaon	Jaipur Londe	131	366	497	26	7	19
Buldhana	Khamgaon	Pimpri Deshmukh	143	553	696	26	5	21
Buldhana	Buldana	Sakhali Bk.	198	927	1125	26	5	21
Buldhana	Deolgaon Raja	Khalyal Gavhan	236	925	1161	26	5	21
Chandrapur	Nagbhir	Banwahi	31	174	205	25	4	21
Chandrapur	Bhadravati	Ashti Kakade	68	265	333	25	5	20
Chandrapur	Brahmapuri	Ballarpur Mal	55	366	421	25	3	22
Chandrapur	Chandrapur	Junona Rayyatwari	219	226	445	25	12	13
Chandrapur	Bhadravati	Mangli Raiyyatwari	129	415	544	26	6	20
Chandrapur *	Jiwati	Bhavi	43	1104	1147	26	1	25
Dhule	Shirpur	Balkuwe	115	539	654	26	5	21
Dhule	Dhule	Velhane	211	1295	1506	26	4	22
Gadchiroli	Municipal Council	Gadchiroli (M Cl) - Ward No.5	27	223	250	25	3	22
Gadchiroli	Aheri	Modumadgu	237	85	322	25	18	7
Gadchiroli	Bhamragad	Krisnar S	77	366	443	25	4	21
Gadchiroli	Desaiganj (Vadasa)	Gandhi Nagar	180	304	484	25	9	16
Gadchiroli	Aheri	Bhaswapur	74	608	682	26	3	23

Gadchiroli	Gadchiroli	Adapalli	136	659	795	26	4	22
Gondia	Goregaon	Palewada	39	414	453	25	2	23
Gondia	Gondiya	Irri	269	591	860	26	8	18
Hingoli	Sengaoon	Talni Pra Narsi	65	575	640	26	3	23
Hingoli	Sengaoon	Watkali	216	673	889	26	6	20
Jalgaon	Pachora	Pachora (M Cl) - Ward No.3	13	194	207	25	2	23
Jalgaon	Chalisgaon	Kodgaon	163	199	362	25	11	14
Jalgaon	Chopda	Vadgaon Bk.	206	491	697	26	8	18
Jalgaon	Muktainagar (Edlabad)	Dui	384	343	727	26	14	12
Jalgaon	Dharangaon	Bhavarkhede	181	702	883	26	5	21
Jalgaon	Chalisgaon	Ambehoi	574	775	1349	26	11	15
Jalgaon *	Pachora	Bambarud Pr. Bordar	935	1657	2592	26	9	17
Jalna	Badnapur	Deopimpalgaon	116	301	417	25	7	18
Jalna	Mantha	Padlidudha	60	577	637	26	2	24
Jalna	Jafferabad	Tapovan Gondhan	373	723	1096	26	9	17
Jalna	Ghansawangi	Kumbhar Pimpalgaon	411	1107	1518	26	7	19
Kolhapur	Chandgad	Kajirne	157	76	233	25	17	8
Kolhapur	Chandgad	Kamewadi	331	28	359	25	23	2
Kolhapur	Karvir	Kaneriwadi	559	115	674	26	22	4
Kolhapur	Radhanagari	Kasarputale	507	238	745	26	18	8
Kolhapur	Kagal	Khadakewada	1010	473	1483	26	18	8
Kolhapur	Shirol	Shedshal	971	540	1511	26	17	9
Latur	Nilanga	Katejawalga	196	280	476	25	10	15
Latur	Ausa	Jayphal	190	431	621	26	8	18
Latur	Udgir	Janapur	400	406	806	26	13	13
Latur *	Latur	Sonavati	474	500	974	26	13	13
Mumbai	Greater Mumbai	G/North - Ward No. 188	311	190	501	26	16	10
Mumbai	Greater Mumbai	K/West - Ward No. 64	1739	0	1739	26	26	0
Nagpur	Kuhi	Bhatara	2	215	217	25	0	25
Nagpur	Narkhed	Koni	14	287	301	25	1	24
Nagpur	Bhiwapur	Nakshi	0	361	361	25	0	25
Nagpur	Kalameshwar	Susundri	23	343	366	25	2	23
Nagpur	Savner	Walani (Ct)	69	490	559	26	3	23
Nagpur	Hingna	Wanadongari	2337	3211	5548	26	11	15
Nanded	Deglur	Takali Jahagir	70	133	203	25	9	16
Nanded	Kinwat	Dipla Naik Tanda	5	389	394	25	0	25
Nanded	Mahoor	Vasram Tanda	13	488	501	26	1	25
Nanded	Naigaon (Khaurgaon)	Kuncholi	134	482	616	26	6	20
Nanded	Biloli	Gaglegaon	127	496	623	26	5	21
Nanded	Mukhed	Billali	200	467	667	26	8	18
Nanded *	Mukhed	Dabka Raja	292	426	718	26	11	15
Nandurbar	Akkalkuwa	Oghani	11	289	300	25	1	24
Nandurbar	Nawapur	Bilmajer	245	262	507	26	13	13
Nandurbar	Talode	Razave Reselle	183	573	756	26	6	20
Nandurbar	Akrani	Vahwani	0	807	807	26	0	26
Nashik	Surgana	Mhaiskhadak	179	104	283	25	16	9
Nashik	Baglan	Wadipisol	167	214	381	25	11	14
Nashik	Malegaon	Bhilkot	38	456	494	25	2	23
Nashik	Nashik	Dari	86	508	594	26	4	22
Nashik	Deola	Chinchave (Nimbait)	11	635	646	26	0	26
Nashik	Baglan	Waghambhe	19	790	809	26	1	25
Nashik	Yevla	Shirasgaon Lauki	41	785	826	26	1	25
Nashik *	Peth	Dhondmal	51	779	830	26	2	24

Osmanabad	Lohara	Bhosga	323	525	848	26	10	16
Osmanabad	Paranda	Kaundgaon	551	1106	1657	26	9	17
Palghar	Vikramgad	Madacha Pada	8	324	332	25	1	24
Palghar	Vikramgad	Dolhari Bk.	24	399	423	25	1	24
Palghar	Jawhar	Kaulale	4	724	728	26	0	26
Palghar	Palghar	Varkhunti	587	784	1371	26	11	15
Parbhani	Parbhani	Pingli Kothala	17	298	315	25	1	24
Parbhani	Sailu	Borkini	120	407	527	26	6	20
Parbhani	Sonpeth	Tiwathana	164	592	756	26	6	20
Parbhani *	Jintur	Wazar Bk	480	656	1136	26	11	15
Pune	Mawal	Bhaje	154	76	230	25	17	8
Pune	Bhor	Kasurdi (Gunjan Mawal)	128	202	330	25	10	15
Pune	Khed	Hedruj	296	265	561	26	14	12
Pune	Purandhar	Supé Kh.	156	570	726	26	6	20
Pune	Baramati	Jogwadi	3	785	788	26	0	26
Pune	Indapur	Chakati	308	909	1217	26	7	19
Pune	Indapur	Sarafwadi	382	1336	1718	26	6	20
Pune	Baramati	Korhale Kh	141	1668	1809	26	2	24
Raigad	Tala	Kalsambade	0	229	229	25	0	25
Raigad	Khalapur	Anjrun	155	81	236	25	16	9
Raigad	Roha	Wali	26	273	299	25	2	23
Raigad	Mangaon	Manjarwane	80	282	362	25	6	19
Raigad	Poladpur	Kapade Bk.	29	336	365	25	2	23
Raigad	Mhasla	Ghonse	13	384	397	25	1	24
Raigad	Roha	Dhamansai	371	124	495	25	19	6
Raigad *	Karjat	Mandawane	124	391	515	26	6	20
Ratnagiri	Dapoli	Pichadoli	65	155	220	25	7	18
Ratnagiri	Sangameshwar	Sakharpa	27	253	280	25	2	23
Ratnagiri	Khed	Sukivali	161	183	344	25	12	13
Ratnagiri	Rajapur	Ansore	45	330	375	25	3	22
Ratnagiri	Rajapur	Karavali	76	352	428	25	4	21
Ratnagiri	Lanja	Govil	49	393	442	25	3	22
Sangli	Walwa	Shekharwadi	360	352	712	26	13	13
Sangli	Khanapur	Valuj	636	248	884	26	19	7
Sangli	Jat	Revnal	761	763	1524	26	13	13
Sangli	Shirala	Kandur	843	829	1672	26	13	13
Satara	Satara	Basappachiwadi	140	111	251	25	14	11
Satara	Karad	Undale	310	46	356	25	22	3
Satara	Man	Bothe	181	341	522	26	9	17
Satara	Satara	Valase	367	240	607	26	16	10
Satara	Wai	Chindhawali	400	357	757	26	14	12
Satara	Khatav	Khatgun	535	653	1188	26	12	14
Sindhudurg	Devgad	Kuvale	25	233	258	25	2	23
Sindhudurg	Sawantwadi	Kalambist	257	98	355	25	18	7
Sindhudurg	Sawantwadi	Kunkeri	133	426	559	26	6	20
Sindhudurg *	Sawantwadi	Madkhoh	347	327	674	26	13	13
Solapur	Malshiras	Pathanwasti	151	631	782	26	5	21
Solapur	Solapur South	Malkavathe	600	333	933	26	17	9
Solapur	Karmala	Washibe	485	867	1352	26	9	17
Solapur	Sangole	Haldahivadi	842	1285	2127	26	10	16
Solapur	Malshiras	Falawani	495	2017	2512	26	5	21
Thane	Ambarnath	Kakadwal	215	71	286	25	19	6
Thane	Ambarnath	Kanhor	208	161	369	25	14	11

Thane	Shahapur	Jambhulwad	37	341	378	25	2	23
Thane	Bhiwandi	Davali	682	18	700	26	25	1
Thane	Shahapur	Veholi Bk.	149	589	738	26	5	21
Wardha	Wardha	Selukate	18	472	490	25	1	24
Wardha	Karanja	Bangadapur	436	336	772	26	15	11
Washim	Malegaon	Pangridhan Kute	71	379	450	25	4	21
Washim *	Washim	Tamasi	246	403	649	26	10	16
Yavatmal	Yavatmal	Gahuli Hetti	19	314	333	25	1	24
Yavatmal	Mahagaon	Babasaheb Nagar	0	432	432	25	0	25
Yavatmal	Kelapur	Runza	58	448	506	26	3	23
Yavatmal	Ghatanji	Titwi	22	737	759	26	1	25
Yavatmal	Zari-Jamani	Mukutban	162	1864	2026	26	2	24
		TOTAL	36433	84799	121232	4124	1196	2928

*Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 150
Reserved Villages 11
Total Samples

3838
286
4124

FMD/SEROSUR/NIVEDI/Manipur_21/2023

Stratified Random Sampling:

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 593

Knowledge level = 0.2

Cluster Level = 0.045

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 73 (+3 Reserved Villages)

Total No of Animals to be Sampled = 949

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Bishnupur	Bishnupur	Phubala	0	307	307	13	0	13
Bishnupur	Moirang	Kwakta Sepla	2	487	489	13	0	13
Bishnupur	Moirang	Moirang (M Cl) - Ward No.12	46	778	824	13	1	12
Chandel	Machi	Marryland	61	44	105	13	8	5
Chandel	Machi	Parengtong	0	110	110	13	0	13
Chandel	Chakpikarong	Molpibung	86	59	145	13	8	5
Chandel	Machi	Khukarthil	7	145	152	13	1	12
Chandel	Chandel	Purum Tampak	8	154	162	13	1	12
Chandel	Machi	Lamlong Khullen	0	168	168	13	0	13
Chandel	Chandel	Kakching Mantak	27	174	201	13	2	11
Chandel	Machi	Kangoi Khullen	52	287	339	13	2	11
Chandel	Machi	Thamlai	0	355	355	13	0	13
Chandel	Machi	Khulsaibung(Karongthel)	0	511	511	13	0	13
Churachandpur	Churachandpur	Saikot	0	116	116	13	0	13
Churachandpur	Churachandpur	Lanva	0	123	123	13	0	13
Churachandpur	Churachandpur	Thingchom	16	111	127	13	2	11
Churachandpur	Churachandpur	Zomicolony	148	0	148	13	13	0
Churachandpur*	Churachandpur	Mualbem	0	170	170	13	0	13
Churachandpur	Churachandpur	Tangnuam	0	174	174	13	0	13
Churachandpur	Churachandpur	Ngurte	6	191	197	13	0	13
Churachandpur	Churachandpur North	Kukimun	19	233	252	13	1	12
Churachandpur	Churachandpur	Saidan	59	223	282	13	3	10
Churachandpur	Churachandpur North	Tonglhang	5	326	331	13	0	13
Churachandpur	Churachandpur	Khopuibung	124	212	336	13	5	8
Churachandpur	Churachandpur	Gangpimual	65	407	472	13	2	11
Imphal East	Sawombung	Matakhong	0	124	124	13	0	13
Imphal East	Jiribam	Hilghat Khunou Gularthel	10	148	158	13	1	12
Imphal East	Jiribam	Jakuradhor Part Ii	0	167	167	13	0	13
Imphal East	Keirao Bitra	Thiyam-Konjil	5	174	179	13	0	13
Imphal East	Sawombung	Chingnungkhok	2	177	179	13	0	13
Imphal East	Jiribam	Narayanpur	10	184	194	13	1	12
Imphal East	Sawombung	Tellou	0	232	232	13	0	13
Imphal East	Sawombung	Kameng Nongada	0	250	250	13	0	13
Imphal East	Sawombung	Pangei Nepali And Meitei	0	260	260	13	0	13
Imphal East	Jiribam	Ahamadabad	37	412	449	13	1	12
Imphal West	Lamshang	Tendongyan	0	129	129	13	0	13
Imphal West *	Wangoi	Laphupat Tera	12	138	150	13	1	12
Imphal West	Lamshang	Haorang Sabal	0	203	203	13	0	13
Imphal West	Patsoi	Khaidem	0	277	277	13	0	13
Imphal West	Wangoi	Kodompokpi	0	409	409	13	0	13
Imphal West	Wangoi	Langthabal Lep	67	402	469	13	2	11
Senapati	Mao-Maram	Maram Khunou	4	105	109	13	0	13
Senapati	Sadar Hills West	Has Pukhri	0	111	111	13	0	13

Senapati	Saitu Gamphazol	Leimakhong Mission Veng	0	123	123	13	0	13
Senapati	Paomata	Laii	24	113	137	13	2	11
Senapati	Mao-Maram	Makulongdi	27	117	144	13	2	11
Senapati	Mao-Maram	Ikailongdi	0	145	145	13	0	13
Senapati	Sadar Hills West	Thonglang Atongba	1	192	193	13	0	13
Senapati	Mao-Maram	Taphou Naga	0	201	201	13	0	13
Senapati	Sadar Hills East	A.Tuisomjang	109	92	201	13	7	6
Senapati	Saitu Gamphazol	Charhazar	0	205	205	13	0	13
Senapati	Paomata	Tungam Khullen	198	18	216	13	12	1
Senapati	Sadar Hills West	Kangpokpi Ward No. 15	0	221	221	13	0	13
Senapati	Sadar Hills West	T.Waichong	0	233	233	13	0	13
Senapati	Mao-Maram	Maram Bazar	32	206	238	13	2	11
Senapati	Sadar Hills West	Gorkha Harup	0	269	269	13	0	13
Senapati	Mao-Maram	Shajouba	210	161	371	13	7	6
Senapati	Purul	Thiwa	293	162	455	13	8	5
Senapati	Purul	Purul Atongba	195	305	500	13	5	8
Senapati	Paomata	Phuba Khuman	243	329	572	13	6	7
Senapati *	Purul	Khongdei Khuman	592	442	1034	13	7	6
Tamenglong	Tamenglong North	Tamei	31	143	174	13	2	11
Tamenglong	Nungba	Tousang	53	182	235	13	3	10
Tamenglong	Tamenglong West	Tousem	7	457	464	13	0	13
Tamenglong	Nungba	Dollang	0	589	589	13	0	13
Thoubal	Sugnu	Sugnu (NP) - Ward No.9	0	110	110	13	0	13
Thoubal	Thoubal	Kangyambem	0	155	155	13	0	13
Thoubal	Kakching	Elangkhangpokpi Incuding Yangdong	9	217	226	13	1	12
Thoubal	Kakching	Chairel	4	251	255	13	0	13
Thoubal	Thoubal	Sangaiyumphamcherapur	0	333	333	13	0	13
Thoubal	Thoubal	Heirol Pt II ie Heirol Pt II Mayai Leikai and	2	354	356	13	0	13
Ukhrul	Ukhrul Central	Ukhrul (Ct)	4	142	146	13	0	13
Ukhrul	Ukhrul South	K.Leihaoram	0	253	253	13	0	13
Ukhrul	Ukhrul North	Wahong	270	0	270	13	13	0
Ukhrul	Ukhrul North	Paoyei	48	295	343	13	2	11
Ukhrul	Ukhrul North	Awang Kasom	103	305	408	13	3	10
		TOTAL	3333	17087	20420	988	137	851

*Reserved villages to be used for sampling if any selected village in given district is not accesible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 73
Reserved Villages 3
Total Samples

949
39
988

FMD/SEROSUR/NIVEDI/Meghalaya_22/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 2369

Knowledge level = 0.3

Cluster Level = 0.035

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 94 (+3 Reserved Villages)

Total No of Animals to be Sampled = 846

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
East Garo Hills	Samanda	Akel Agalgre	0	144	144	9	0	9
East Garo Hills	Samanda	Bansam Kakwagre	0	152	152	9	0	9
East Garo Hills	Dambo Rongjeng	Mangsang Rangme Agal	0	214	214	9	0	9
East Garo Hills	Samanda	Bansinggre	0	234	234	9	0	9
East Garo Hills	Dambo Rongjeng	Nongbak Rengkil	0	243	243	9	0	9
East Garo Hills	Songsak	Koksi Songma	0	264	264	9	0	9
East Garo Hills	Dambo Rongjeng	Gabil Patal Upper	0	280	280	9	0	9
East Garo Hills	Dambo Rongjeng	Dosikgittim	0	327	327	9	0	9
East Garo Hills	Songsak	Daga Apal	0	695	695	9	0	9
East Jaintia Hills	Khliehriat	Lum Shyrmrit	0	407	407	9	0	9
East Jaintia Hills	Saipung	Jalaphet Bri Sutnga	0	1720	1720	9	0	9
East Khasi Hills	Mawphlang	Mawshyieng	0	128	128	9	0	9
East Khasi Hills	Mawphlang	Mawthlong Mynsain	0	134	134	9	0	9
East Khasi Hills	Pynursla	Phlang-U-Diak	0	156	156	9	0	9
East Khasi Hills	Mawphlang	Rangshangkham	0	166	166	9	0	9
East Khasi Hills	Mawphlang	Phanniewlahneng	0	182	182	9	0	9
East Khasi Hills	Mawphlang	Wahlyngkien Sunei	0	209	209	9	0	9
East Khasi Hills	Myllem	Mawlaingut	0	236	236	9	0	9
East Khasi Hills	Shella Bholaganj	Dhorom	0	236	236	9	0	9
East Khasi Hills	Mawsynram	Kyrdoh	0	255	255	9	0	9
East Khasi Hills	Mawryngkneng	Nongtyrkhang	0	262	262	9	0	9
East Khasi Hills	Shella Bholaganj	Thliewumtham	0	330	330	9	0	9
East Khasi Hills*	Mawphlang	Nongthymmai Neng	0	376	376	9	0	9
East Khasi Hills	Shella Bholaganj	Umkhabaw	25	504	529	9	0	9
East Khasi Hills	Myllem	Mawlai (Ct)	0	1022	1022	9	0	9
North Garo Hills	Resubelpara	Rangregre	0	120	120	9	0	9
North Garo Hills	Resubelpara	Dajongpara	0	132	132	9	0	9
North Garo Hills	Resubelpara	Kashkona	0	208	208	9	0	9
North Garo Hills	Kharkutta	Megam Akong	0	210	210	9	0	9
North Garo Hills	Resubelpara	Raksam Genang	0	236	236	9	0	9
North Garo Hills	Kharkutta	Menadoba	0	284	284	9	0	9
North Garo Hills	Resubelpara	Tekagre	0	336	336	9	0	9
North Garo Hills	Resubelpara	Ane Aga	0	410	410	9	0	9
Ri Bhoi	Umsning	Pamlatar	12	98	110	9	1	8
Ri Bhoi	Jirang	Mynnar Jirang	36	125	161	9	2	7
Ri Bhoi	Umsning	Mawdiengngan	0	174	174	9	0	9
Ri Bhoi	Umsning	Umlangling	12	183	195	9	1	8
Ri Bhoi	Umling	Jorabat	0	272	272	9	0	9
Ri Bhoi	Jirang	Dummu Paham	123	158	281	9	4	5
Ri Bhoi	Jirang	Bakhlapara	0	294	294	9	0	9
Ri Bhoi	Jirang	Halher	0	300	300	9	0	9
Ri Bhoi	Jirang	Balakhowa	30	372	402	9	1	8
Ri Bhoi *	Jirang	Belahari	36	635	671	9	0	9

South Garo Hills	Baghmara	Chambil Badima	0	105	105	9	0	9
South Garo Hills	Baghmara	Karukol Jalaigre	0	119	119	9	0	9
South Garo Hills	Baghmara	Badri Rongdong	0	148	148	9	0	9
South Garo Hills	Rongara	Rewak Watregitim	0	155	155	9	0	9
South Garo Hills	Chokpot	Kalbanggiri	0	170	170	9	0	9
South Garo Hills	Gasuapara	Tebokgre	0	170	170	9	0	9
South Garo Hills	Gasuapara	Chereng Keragittim	0	192	192	9	0	9
South Garo Hills	Baghmara	Era Aning	0	214	214	9	0	9
South Garo Hills	Rongara	Dakopgre	0	218	218	9	0	9
South Garo Hills	Gasuapara	Gasuapara B	0	336	336	9	0	9
South Garo Hills	Baghmara	Nengkong Mandagre	0	490	490	9	0	9
South Garo Hills	Chokpot	Chokpotgiri	0	1488	1488	9	0	9
South West Garo Hills	Betasing	Murchapani	0	112	112	9	0	9
South West Garo Hills	Zikzak	Anangpara (Songsarek)	0	150	150	9	0	9
South West Garo Hills	Zikzak	Chepagre	0	211	211	9	0	9
South West Garo Hills	Betasing	Noagre	0	293	293	9	0	9
South West Garo Hills	Betasing	Sangkarigre	19	300	319	9	1	8
South West Garo Hills	Betasing	Muji Agalgre	0	327	327	9	0	9
South West Garo Hills	Betasing	Bashbari	0	395	395	9	0	9
South West Khasi Hills	Mawkyrwat	Sohsyniang	0	142	142	9	0	9
South West Khasi Hills	Ranikor	Chijongchiring	0	292	292	9	0	9
South West Khasi Hills	Ranikor	Chitokgre	0	297	297	9	0	9
South West Khasi Hills	Ranikor	Jimaduar	0	318	318	9	0	9
South West Khasi Hills	Mawkyrwat	Mawjarain	0	373	373	9	0	9
West Garo Hills	Tikrikilla	Dilsigiri	0	119	119	9	0	9
West Garo Hills	Selsella	Ghulipara	0	188	188	9	0	9
West Garo Hills	Selsella	Dipkaigre	0	194	194	9	0	9
West Garo Hills	Dadenggiri	Chibong Apal	0	202	202	9	0	9
West Garo Hills	Selsella	Gimegre	0	222	222	9	0	9
West Garo Hills	Dadenggiri	Dolwakgre	0	223	223	9	0	9
West Garo Hills	Rongram	Tosekgre	0	241	241	9	0	9
West Garo Hills	Dadenggiri	Dugalgre	0	251	251	9	0	9
West Garo Hills	Selsella	Masangpani	0	272	272	9	0	9
West Garo Hills	Rongram	Rengsangre	0	344	344	9	0	9
West Garo Hills	Selsella	Ujenggre	0	388	388	9	0	9
West Garo Hills	Dalu	Chasinpara	0	414	414	9	0	9
West Garo Hills	Dadenggiri	Chandigre	0	521	521	9	0	9
West Garo Hills	Selsella	Alokdia	0	582	582	9	0	9
West Garo Hills	Dadenggiri	Tebrongre Songma	0	653	653	9	0	9
West Jaintia Hills	Thadlaskein	Moobakhon	25	164	189	9	1	8
West Jaintia Hills	Thadlaskein	Madur	0	303	303	9	0	9
West Jaintia Hills	Laskein	Mooshroot	36	320	356	9	1	8
West Jaintia Hills*	Laskein	Thadsning	26	550	576	9	0	9
West Jaintia Hills	Amlarem	Mupylut	0	828	828	9	0	9
West Khasi Hills	Nongstoin	Mawiwswne	0	119	119	9	0	9
West Khasi Hills	Mawthadraishan	Mawkynrum	0	136	136	9	0	9
West Khasi Hills	Nongstoin	Borkhuli	0	158	158	9	0	9
West Khasi Hills	Mawshynrut	Nongkrong	51	125	176	9	3	6
West Khasi Hills	Nongstoin	Hasem	0	188	188	9	0	9
West Khasi Hills	Nongstoin	Nongstoin (TC) - Ward No.8	0	196	196	9	0	9
West Khasi Hills	Mawthadraishan	Marngor	12	266	278	9	0	9
West Khasi Hills	Nongstoin	Mawthar	0	338	338	9	0	9
West Khasi Hills	Nongstoin	Mawkhait Mihngi	0	424	424	9	0	9

West Khasi Hills	Mairang	Laitdomain	0	517	517	9	0	9
		TOTAL	443	29884	30327	873	15	858

*Reserved villages to be used for sampling if any selected village in given district is not accesible, having logistic problem or any other issues

a: District Name	f: Buffalo + Cattle Population	Unreserved Villages 94	846
b: Block Name	g : Number of units to be sample	Reserved Villages 3	27
c: Village Name	h: Buffalo Proportion	Total Samples	873
d: Buffalo Population	i: Cattle Proportion		
e: Cattle Population			

FMD/SEROSUR/NIVEDI/Mizoram_23/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 30 + (Cattle + Buffalo) = 235

Knowledge level = 0.2

Cluster Level = 0.038

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 87 (+5 Reserved Villages)

Total No of Animals to be Sampled = 1073

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
AIZAWL	Aizawl	Aizawl (NT) - Ward No.73	0	42	42	12	0	12
AIZAWL	Thingsulthliah (Part)	Tualbung	0	49	49	12	0	12
AIZAWL	Aizawl	Aizawl (NT) - Ward No.69	0	62	62	12	0	12
AIZAWL	Aizawl	Aizawl (NT) - Ward No.30	0	71	71	12	0	12
AIZAWL	Aizawl	Aizawl (NT) - Ward No.13	0	82	82	12	0	12
AIZAWL	Phullen	Phullen	34	60	94	13	5	8
AIZAWL	Aizawl	Aizawl (NT) - Ward No.47	0	108	108	13	0	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.35	0	116	116	13	0	13
AIZAWL	Saitual	Saitual (NT) - Ward No.2	0	127	127	13	0	13
AIZAWL	Aibawk	Thingdawl (Melriat)	0	148	148	13	0	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.49	0	205	205	13	0	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.57	0	214	214	13	0	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.6	0	252	252	13	0	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.1	0	345	345	13	0	13
AIZAWL	Aizawl	Tlangnuam Vengthar	0	368	368	13	0	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.4	0	794	794	13	0	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.46	0	795	795	13	0	13
CHAMPHAI	Khawzawl	Chawngtlai	19	26	45	12	5	7
CHAMPHAI	Khawbung	Thekpui	0	60	60	12	0	12
CHAMPHAI	Khawbung	Thekte	0	63	63	12	0	12
CHAMPHAI	Champhai	Ngur	17	91	108	13	2	11
CHAMPHAI	Khawbung	S.Khawbung	0	127	127	13	0	13
CHAMPHAI	Champhai	N.E.Diltlang	0	131	131	13	0	13
CHAMPHAI	Khawbung	Leisenzo	101	63	164	13	8	5
CHAMPHAI	Khawbung	Khuangleng	0	202	202	13	0	13
CHAMPHAI	Khawzawl	Rabung	0	206	206	13	0	13
CHAMPHAI	Ngopa	Selam	0	230	230	13	0	13
KOLASIB	Bairabi	Bairabi (NT) - Ward No.2	0	56	56	12	0	12
KOLASIB	Kolasib	Kolasib (NT) - Ward No.9	0	155	155	13	0	13
KOLASIB *	Kolasib	Kolasib (NT) - Ward No.7	0	193	193	13	0	13
KOLASIB	Bilkhawthlir	N.Chhimluang	22	191	213	13	1	12
KOLASIB	N Thingdawl	N.Thingdawl	0	233	233	13	0	13
LAWNGTLAI	Chawngte	Peglababsora	0	32	32	11	0	11
LAWNGTLAI	S Bungtlang	Tuichawngtlang	0	33	33	11	0	11
LAWNGTLAI	Chawngte	Dursora	0	38	38	12	0	12
LAWNGTLAI	Chawngte	Kamlanagar III (Chawngte C III)	0	48	48	12	0	12
LAWNGTLAI	Chawngte	Montola	0	48	48	12	0	12
LAWNGTLAI	S Bungtlang	M.Kawnpui	0	52	52	12	0	12
LAWNGTLAI	Chawngte	Ngharum	0	52	52	12	0	12
LAWNGTLAI	Chawngte	Kamlanagar II (Chawngte C II)	0	62	62	12	0	12
LAWNGTLAI	Chawngte	Devasora	0	64	64	12	0	12
LAWNGTLAI	Chawngte	Chhotaguisuri II	0	69	69	12	0	12
LAWNGTLAI	Chawngte	Jaruldulbasora	0	75	75	12	0	12

LAWNGTLAI	Chawngte	Mandirasora	0	84	84	12	0	12
LAWNGTLAI	Chawngte	Gulsingabsora	0	86	86	12	0	12
LAWNGTLAI *	Chawngte	Bondukbangsora	0	102	102	13	0	13
LAWNGTLAI	Chawngte	Ajasora	0	106	106	13	0	13
LAWNGTLAI	S Bungtlang	Dumzautlang	0	161	161	13	0	13
LAWNGTLAI	Chawngte	Borapansury II	0	170	170	13	0	13
LUNGLEI	Lungsen	Sihphirtlang	0	32	32	11	0	11
LUNGLEI	Lunglei	S.Tawipui	0	32	32	11	0	11
LUNGLEI	Lungsen	Hmunthar	0	33	33	11	0	11
LUNGLEI	West Bunglei	Mauzam	0	41	41	12	0	12
LUNGLEI	Hnahthial	Hnahthial North 1	0	41	41	12	0	12
LUNGLEI	Lungsen	Lamthai III	0	45	45	12	0	12
LUNGLEI	West Bunglei	Thenhlum	0	52	52	12	0	12
LUNGLEI	Lungsen	Putlungasih	0	54	54	12	0	12
LUNGLEI	Lungsen	Bindiasora	0	80	80	12	0	12
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.23	0	81	81	12	0	12
LUNGLEI	Hnahthial	S.Lungleng	0	84	84	12	0	12
LUNGLEI	Lungsen	New Balukiasuri	0	93	93	13	0	13
LUNGLEI	West Bunglei	New Sachan	0	104	104	13	0	13
LUNGLEI	Lungsen	Khojaisuri	0	107	107	13	0	13
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.12	0	127	127	13	0	13
LUNGLEI	Lungsen	Khojaisuri Old	0	136	136	13	0	13
LUNGLEI *	Lungsen	Khojaisuri (New)	0	244	244	13	0	13
MAMIT	Reick	Dilzawl	0	43	43	12	0	12
MAMIT	Zawlnuam	Tumpanglui	0	47	47	12	0	12
MAMIT	Zawlnuam	Bunghuam	0	54	54	12	0	12
MAMIT	Zawlnuam	Zomuantlang	0	59	59	12	0	12
MAMIT	Zawlnuam	Serhmun	0	60	60	12	0	12
MAMIT	West Phaileng	W.Phulpui	0	63	63	12	0	12
MAMIT	Zawlnuam	Sotapa Veng	0	67	67	12	0	12
MAMIT	Zawlnuam	Zawlnuam (NT) - Ward No.2	0	72	72	12	0	12
MAMIT	Zawlnuam	Belkhai	0	78	78	12	0	12
MAMIT	Lengpui	Lengpui (NT) - Ward No.1	0	84	84	12	0	12
SERCHHIP	Serchhip	Serchhip VII	0	33	33	11	0	11
SERCHHIP	Serchhip	Serchhip (NT) WARD NO.-0002	0	63	63	12	0	12
SERCHHIP	Thingsulthiah (Part)	Baktawng	0	81	81	12	0	12
SERCHHIP	Serchhip	Hriangtlang	0	112	112	13	0	13
SERCHHIP	East Lungdar (Part)	Lungkawlh	28	163	191	13	2	11
SERCHHIP *	N.Vanlaiphai	N.Vanlaiphai (NT) - Ward No.1	86	148	234	13	5	8
SIAHA	Tipa	Lorrain Ville	0	38	38	12	0	12
SIAHA	Tipa	Lopu - I	23	27	50	12	6	6
SIAHA	Tipa	Vahia	0	64	64	12	0	12
SIAHA	Siaha	Thiahra	0	68	68	12	0	12
SIAHA	Tipa	Zyhno L	0	80	80	12	0	12
SIAHA	Tipa	Pala	0	89	89	12	0	12
SIAHA *	Tipa	Theiri	0	105	105	13	0	13
SIAHA	Tipa	Phura-S	83	28	111	13	10	3
SIAHA	Tipa	Miepu-I	75	51	126	13	8	5
SIAHA	Siaha	Theiva	0	190	190	13	0	13
		TOTAL	488	10500	10988	1138	52	1086

*Reserved villages to be used for sampling if any selected village in given district is not accesible, having logistic problem or any other issues

a: District Name
b: Block Name

f: Buffalo + Cattle Population
g : Number of units to be sample

Unreserved Villages 87
Reserved Villages 5

1073
65

c: Village Name
d: Buffalo Population
e: Cattle Population

h: Buffalo Proportion
i: Cattle Proportion

Total Samples

1138

FMD/SEROSUR/NIVEDI/Nagaland_24/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 30 + (Cattle + Buffalo) = 492

Knowledge level = 0.3

Cluster Level = 0.046

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 71 (+4 Reserved Villages)

Total No of Animals to be Sampled = 616

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Dimapur	Aquhnaqua	Nguvihe	4	71	75	9	0	9
Dimapur	Medziphema	Khaibung	89	4	93	9	9	0
Dimapur	Nihokhu	Toshiho	0	101	101	9	0	9
Dimapur	Dhansiripar	Murise	9	93	102	9	1	8
Dimapur	Chumukedima Town Council	Chumukedima (CT) - Ward No.10	0	129	129	9	0	9
Dimapur	Kuhoboto	Suhoi	42	101	143	9	3	6
Dimapur	Aquhnaqua	R.Hovishe	14	136	150	9	1	8
Dimapur	Dhansiripar	Genesh Naga	4	151	155	9	0	9
Dimapur	Niuland	Viyito	0	175	175	9	0	9
Dimapur	Chumukedima	5Th Mile Model Village	3	176	179	9	0	9
Dimapur	Chumukedima	Bade	0	182	182	9	0	9
Kiphire	Sitimi	Yangsekyu	0	34	34	8	0	8
Kiphire	Seyochung	Lukhami	0	48	48	8	0	8
Kiphire	Seyochung	Seyochung Hq	0	50	50	8	0	8
Kiphire	Sitimi	Thazivi	0	55	55	8	0	8
Kiphire	Sitimi	Sitimi Vill.	0	75	75	9	0	9
Kiphire	Sitimi	Notoi	0	93	93	9	0	9
Kohima	Tseminyu	Khonibinzun	0	36	36	8	0	8
Kohima	Tseminyu	Tesophenyu New	0	46	46	8	0	8
Kohima	Tseminyu	Zisunyu	0	74	74	9	0	9
Kohima *	Chiephobozou	Thizama	0	106	106	9	0	9
Kohima	Tsogin	Sendenyu	0	160	160	9	0	9
Kohima	Botsa	Botsa	112	358	470	9	2	7
Longleng	Longleng	Pongching	0	204	204	9	0	9
Longleng	Yongnyah	Nian	0	954	954	9	0	9
Mokokchung	Longchem	Saring	0	34	34	8	0	8
Mokokchung	Alongkima	Waromong	0	36	36	8	0	8
Mokokchung	Mangkolemba	Khar	0	89	89	9	0	9
Mokokchung	Mangkolemba	Longsemdang	0	157	157	9	0	9
Mon	Tizit	Yanpan	0	32	32	8	0	8
Mon	Chen	Chen Hq	0	59	59	8	0	8
Mon	Tizit Town Council	Tizit Town (TC) - Ward No.2	0	82	82	9	0	9
Mon	Naganimora	Tiru (Upper)	0	86	86	9	0	9
Mon	Phomching	Longwa	0	101	101	9	0	9
Mon	Tizit Town Council	Tizit Town (TC) - Ward No.3	4	117	121	9	0	9
Mon	Tizit Town Council	Tizit Town (TC) - Ward No.4	6	132	138	9	0	9
Mon *	Tizit	Jaboka	4	199	203	9	0	9
Peren	Peren	Kenjanglwa	51	42	93	9	5	4
Peren	Kebai Khelma	Lower Sinjol	82	52	134	9	6	3
Peren	Jalukie	Jalukie Upper Khel (Ur)	0	212	212	9	0	9
Peren	Jalukie	Jalukie 's (J. Sangtam)	297	10	307	9	9	0
Peren	Tening	Nkialwa	65	371	436	9	1	8
Phek	Pfutsero	Pfutseromi	0	36	36	8	0	8

Phek	Khezhakeno	Khezhakeno Hq	56	0	56	8	8	0
Phek	Phek Sadar	Lozaphunu	0	86	86	9	0	9
Phek	Meluri	Mollen	0	103	103	9	0	9
Phek	Razieba	Tsupfume	26	78	104	9	2	7
Phek	Meluri	Reguri	112	0	112	9	9	0
Phek	Chetheba	Chesezu Nawe	182	6	188	9	9	0
Tuensang	Shamator	Leangkonger	0	35	35	8	0	8
Tuensang	Noksen	Yimrep	0	38	38	8	0	8
Tuensang	Shamator	Lasikiur	0	56	56	8	0	8
Tuensang	Noksen	Noksen Village	0	63	63	9	0	9
Tuensang *	Panso	Lengnyu	0	74	74	9	0	9
Tuensang	Chessore	Hukir	0	209	209	9	0	9
Tuensang	Mangko	Y. Anner Vill.	0	242	242	9	0	9
Tuensang	Tuensang Sadar	Tuensang Village	2	259	261	9	0	9
Wokha	Changpang	Mithihe	0	34	34	8	0	8
Wokha	Wozhuro	Sankiton	0	42	42	8	0	8
Wokha	Ralan	S Wochayan	8	41	49	8	1	7
Wokha	Ralan	Liphanyan	0	50	50	8	0	8
Wokha	Sanis	Chudi	0	52	52	8	0	8
Wokha	Aitepyong	Lakhuti	0	55	55	8	0	8
Wokha	Sungro	Pangti	0	64	64	9	0	9
Wokha	Baghty	Soku	5	136	141	9	0	9
Zunheboto	Satakha	Vishepu	0	35	35	8	0	8
Zunheboto	Akuhaito	Roto (Old)	0	45	45	8	0	8
Zunheboto*	Zunheboto Sadar	Baimbho	0	61	61	9	0	9
Zunheboto	Satakha	Shena Old	0	86	86	9	0	9
Zunheboto	Atoizu	Naghuto (Old)	0	87	87	9	0	9
Zunheboto	Tokiye	Tsukomi New	0	109	109	9	0	9
Zunheboto	Ghathashi	Hebolimi	0	119	119	9	0	9
Zunheboto	Atoizu	Vekuho (Old)	0	139	139	9	0	9
Zunheboto	Pughoboto	Natsumi	0	170	170	9	0	9
Zunheboto	Aghunato	Shevishe	1	299	300	9	0	9
		TOTAL	1178	8332	9510	652	66	586

* Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 71
Reserved Villages 4
Total Samples

616
36
652

FMD/SEROSUR/NIVEDI/Odisha_25/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 500 + (Cattle + Buffalo) = 2458

Knowledge level = 0.1

Cluster Level = 0.023

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 144 (+10 Reserved Villages)

Total No of Animals to be Sampled = 3744

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Anugul	Handapa	Solanda	0	722	722	26	0	26
Anugul	Kaniha	Maradahariharpur	0	805	805	26	0	26
Anugul	Colliery	Solada	0	982	982	26	0	26
Anugul	Kishorenagar	Himitira	0	1189	1189	26	0	26
Balangir	Kantabanji	Dumerchuan	8	534	542	26	0	26
Balangir	Balangir	Gaintala	8	603	611	26	0	26
Balangir	Khaprakhol	Budhachhapar	226	435	661	26	9	17
Balangir	Tushura	Sibtala	20	779	799	26	1	25
Balangir	Saintala	Baghuabahal	124	692	816	26	4	22
Baleshwar	Khaira	Nandor	0	546	546	26	0	26
Baleshwar	Baliapal	Ratei	0	617	617	26	0	26
Baleshwar	Baliapal	Bhelpura	0	744	744	26	0	26
Baleshwar *	Khaira	Kaithagaria	0	786	786	26	0	26
Baleshwar	Similia	Ishwarpur	0	835	835	26	0	26
Baleshwar	Basta	Basuchakurai	0	971	971	26	0	26
Baleshwar	Soro	Mulising	0	1401	1401	26	0	26
Baleshwar	Soro	Sabira	0	1437	1437	26	0	26
Bargarh	Attabira	Dulampur	10	573	583	26	0	26
Bargarh	Bargarh Sadar	Chakerkend	0	675	675	26	0	26
Bargarh	Gaisilet	Kandhumunda	25	805	830	26	1	25
Bargarh	Bheden	Remanda	0	894	894	26	0	26
Bhadrak	Basudebpur	Basudebpur - Ward No. 22	0	670	670	26	0	26
Bhadrak	Bansada	Chhedak	49	761	810	26	2	24
Bhadrak	Bhadrak Rural	Sarmanga (Og)	0	1019	1019	26	0	26
Bhadrak	Bhandari Pokhari	Nami	0	1875	1875	26	0	26
Boudh	Harbhanga	Kusanga	26	572	598	26	1	25
Boudh *	Kantamal	Dedhanmal	10	657	667	26	0	26
Cuttack	Tigiria	Purunatigiria	4	518	522	26	0	26
Cuttack	Barang	Kunheipara	0	578	578	26	0	26
Cuttack	Gobindpur	Gunadola	52	676	728	26	2	24
Cuttack	Cuttack Sadar	Kurang-Padhana	0	906	906	26	0	26
Cuttack	Gobindpur	Dhanamandala	34	963	997	26	1	25
Cuttack	Nischintakoili	Natakai	0	1544	1544	26	0	26
Deogarh	Reamal	Naulipada	0	683	683	26	0	26
Deogarh	Kundheigola	Palasama	0	1444	1444	26	0	26
Dhenkanal	Parajang	Batasinga	2	691	693	26	0	26
Dhenkanal	Dhenkanal Sadar	Kasiadihi	0	867	867	26	0	26
Dhenkanal	Kamakshyanagar	Bangura Oraf Kusia	2	1283	1285	26	0	26
Dhenkanal *	Bhuban	Jamunakote	57	1602	1659	26	1	25
Gajapati	Mohana	Jarrow	4	519	523	26	0	26
Gajapati	Garabandha	Labanyagada	400	256	656	26	16	10
Gajapati	Mohana	Sinkulipadar	23	673	696	26	1	25
Ganjam	Bhanjanagar	Dadarlunda	46	530	576	26	2	24

Ganjam	Rambha	Khandadiuli	49	579	628	26	2	24
Ganjam	Tarasingi	Khetamundali	18	612	630	26	1	25
Ganjam	Buguda	Manitara	42	666	708	26	2	24
Ganjam	Badagada	Badagada (Ct)	24	717	741	26	1	25
Ganjam	Jarada	Patharaghai	178	571	749	26	6	20
Ganjam	Tarasingi	Harigada	129	787	916	26	4	22
Ganjam	Jagannath Prasad	Panchabhuti	38	918	956	26	1	25
Ganjam	Patapur	Pudamari	27	958	985	26	1	25
Ganjam *	Chamakhandi	Sindurapalli	118	932	1050	26	3	23
Jagatsinghapur	Biridi	Kulakaijanga	64	523	587	26	3	23
Jagatsinghapur	Jagatsinghapur	Jasabantapur	61	643	704	26	2	24
Jagatsinghapur	Biridi	Baredia	0	831	831	26	0	26
Jagatsinghapur	Tirtol	Krushnanandapur (Ct)	70	1159	1229	26	1	25
Jajapur	Mangalpur	Bajara Pat	0	623	623	26	0	26
Jajapur	Bari - Ramachandrapur	Kampagarh	0	687	687	26	0	26
Jajapur	Balichandrapur	Musatikiri	0	769	769	26	0	26
Jajapur	Bari - Ramachandrapur	Sera Pur	5	1153	1158	26	0	26
Jajapur	Kalinganagar	Bada Pingal	245	1283	1528	26	4	22
Jharsuguda	Laikera	Handatupa	14	679	693	26	1	25
Jharsuguda *	Laikera	Kirmira	4	1250	1254	26	0	26
Kalahandi	Thuamul Rampur	Khamarpadar	32	476	508	26	2	24
Kalahandi	Jayapatna	Pabli	28	523	551	26	1	25
Kalahandi	Golamunda	Gandamehra	29	629	658	26	1	25
Kalahandi	Madanpur Rampur	Madanpur Rampur (Ct)	4	686	690	26	0	26
Kalahandi	Kokasara	Ladugaon	10	991	1001	26	0	26
Kalahandi	Golamunda	Brundabahal	16	1030	1046	26	0	26
Kalahandi	Kokasara	Badapodaguda	25	1865	1890	26	0	26
Kandhamal	Nuagaon	Kanjamendi	43	471	514	26	2	24
Kandhamal *	Tikabali	Lujuramunda	42	549	591	26	2	24
Kandhamal	Raikia	Petapanga	67	524	591	26	3	23
Kandhamal	Baliguda	Karnibera	109	636	745	26	4	22
Kandhamal	Brahmanigaon	Gadapur	15	798	813	26	0	26
Kandhamal	Raikia	Luhuringia	41	856	897	26	1	25
Kandhamal	Khajuripada	Shakari	922	16	938	26	26	0
Kandhamal	Raikia	Dadingia	71	909	980	26	2	24
Kandhamal	Raikia	Raikia	134	935	1069	26	3	23
Kandhamal	Khajuripada	Mulagudari	1578	3	1581	26	26	0
Kendrapara	Patkura	Karandia Patna	0	579	579	26	0	26
Kendrapara	Mahakalapada	Baraja Bahakuda	445	334	779	26	15	11
Kendrapara	Marsaghai	Ostara	467	482	949	26	13	13
Kendrapara	Mahakalapada	Barakoli Khala	0	1567	1567	26	0	26
Kendrapara	Mahakalapada	Suniti(Bena Kandha)	0	1871	1871	26	0	26
Kendujhar *	Kendujhar Sadar	Silisuan	2	544	546	26	0	26
Kendujhar	Bamebari	Dobuna	0	603	603	26	0	26
Kendujhar	Nandipada	Ambo	0	806	806	26	0	26
Kendujhar	Nandipada	Chapundia	0	814	814	26	0	26
Kendujhar	Ghatgaon	Ambuapada	0	1239	1239	26	0	26
Kendujhar	Pandapara	Nalpanga	0	2027	2027	26	0	26
Khordha	Jankia	Gayabandha	36	601	637	26	1	25
Khordha	Khordha	Taratua	17	869	886	26	0	26
Khordha	Nirakarpur	Nanapada	0	1129	1129	26	0	26
Khordha	Bhubaneswar	Bhubaneswar (M Corp.) - Ward No.4	93	1913	2006	26	1	25
Koraput	Bhairasingipur	Malikarchi	78	472	550	26	4	22

Koraput	Koraput	Koraput (M) - Ward No.15	83	597	680	26	3	23
Koraput	Nandapur	Kulab	67	690	757	26	2	24
Koraput	Padua	Kudubu	36	810	846	26	1	25
Koraput	Boipariguda	Kollar	56	824	880	26	2	24
Koraput *	Boipariguda	Khemabeda	68	1026	1094	26	2	24
Koraput	Narayanpatana	Narayanpatna	181	1023	1204	26	4	22
Koraput	Jeypore	Konga	470	1416	1886	26	6	20
Malkangiri	Motu	Manyamkonda	0	686	686	26	0	26
Malkangiri	Motu	Mpv -81	0	1076	1076	26	0	26
Malkangiri	Malkangiri	Adomunda	73	1149	1222	26	2	24
Malkangiri	Kalimela	Chitrangpali	14	1703	1717	26	0	26
Mayurbhanj	Muruda	Palasbadha	6	504	510	26	0	26
Mayurbhanj	Ghagarbeda	Righa	0	554	554	26	0	26
Mayurbhanj	Bahalda	Tikhia	0	626	626	26	0	26
Mayurbhanj	Baisinga	Gadadeulia	0	701	701	26	0	26
Mayurbhanj	Betanati	Dantiamuhan	0	740	740	26	0	26
Mayurbhanj	Betanati	Hatikote	9	738	747	26	0	26
Mayurbhanj	Rairangpur	Aharbandh	7	1007	1014	26	0	26
Mayurbhanj	Jharpokharia	Ghuma	0	1031	1031	26	0	26
Mayurbhanj	Jharpokharia	Bhadua	0	1103	1103	26	0	26
Mayurbhanj	Udala	Urmal	0	1356	1356	26	0	26
Nabarangpur	Umarkote	Jamaranda	9	877	886	26	0	26
Nabarangpur	Dabugan	Torenga	66	926	992	26	2	24
Nayagarh *	Khandapada	Sidhamala (Sidhamula)	17	513	530	26	1	25
Nayagarh	Khandapada	Kantilo (Ct)	192	380	572	26	9	17
Nayagarh	Itamati	Itamati (Ct)	30	603	633	26	1	25
Nayagarh	Odagaon	Giridipali	42	706	748	26	1	25
Nayagarh	Sarankul	Damsahi	30	1395	1425	26	1	25
Nuapada	Komna	Sirli	0	671	671	26	0	26
Nuapada	Sinapali	Godal	112	875	987	26	3	23
Puri	Krushna Prasad	Talatala	0	545	545	26	0	26
Puri	Satyabadi	Badaharisankrpur	0	628	628	26	0	26
Puri	Astaranga	Talada	59	683	742	26	2	24
Puri	Satyabadi	Dangura	0	834	834	26	0	26
Puri	Satyabadi	Gadamatiapada	0	1030	1030	26	0	26
Puri	Satyabadi	Gadasanput	54	2101	2155	26	1	25
Rayagada	Rayagada	Barijholra	73	491	564	26	3	23
Rayagada	Kashipur	Sundaraghati	21	556	577	26	1	25
Rayagada	Padmapur	Kindraguda	0	640	640	26	0	26
Rayagada	Bishamakatak	Paikdakulguda	312	388	700	26	12	14
Rayagada	Puttasing	Perenda	26	701	727	26	1	25
Rayagada	Doraguda	Kucheipadar	47	749	796	26	2	24
Rayagada	Doraguda	Kucher	89	760	849	26	3	23
Rayagada	Doraguda	Kampar	86	831	917	26	2	24
Rayagada	Tikiri	Sorishapadara	45	909	954	26	1	25
Rayagada	Kalyanasingpur	Kalyanasingpur (Ct)	365	674	1039	26	9	17
Sambalpur	Kochinda	Niktimal(D)	7	617	624	26	0	26
Sambalpur	Kisinda	Uparmunda	0	647	647	26	0	26
Sambalpur *	Jujomura	Tampargarh	0	999	999	26	0	26
Sambalpur	Naktideul	Hitasara	63	946	1009	26	2	24
Sonepur	Biramaharajpur	Kenjhiriapali	34	512	546	26	2	24
Sonepur	Tarbha	Maradu Guchha	0	709	709	26	0	26
Sundargarh	Kamarposh Balang	Manchabeda	0	540	540	26	0	26

Sundargarh	Rajagangapur	Badgudiali	2	563	565	26	0	26
Sundargarh	Baragaon	Itma	0	738	738	26	0	26
Sundargarh	Kutra	Dahijira	0	754	754	26	0	26
Sundargarh	Tikaetpali	Bhadimara	21	844	865	26	1	25
Sundargarh	Raurkela	Sector No. 22	106	1064	1170	26	2	24
		TOTAL	9498	128158	137656	4004	264	3740

*Reserved villages to be used for sampling if any selected village in given district is not accesible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 144
Reserved Villages 10
Total Samples 4004

FMD/SEROSUR/NIVEDI/Puducherry_26/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 114

Knowledge level = 0.2

Cluster Level = 0.066

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 46

Total No of Animals to be Sampled = 580 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Karaikal	Thirunallar Taluk	Karukankudy	0	108	108	13	0	13
Karaikal	Karaikal Taluk	Vanjiur	0	201	201	13	0	13
Karaikal	Karaikal	Madhagadi	134	161	295	13	6	7
Karaikal	Karaikal	Keezhakasakudy	0	552	552	13	0	13
Karaikal	Thirunallar Taluk	Nedungadu	0	555	555	13	0	13
Karaikal	Karaikal Taluk	Kizhamanai	0	594	594	13	0	13
Karaikal	Karaikal Taluk	Edatheru	62	569	631	13	1	12
Karaikal	Thirunallar Taluk	Ponbethy	0	930	930	13	0	13
Karaikal	Karaikal	Dharmapuram	15	972	987	13	0	13
Mahe	Mahe	Pandakkal (South)	0	31	31	11	0	11
Mahe	Mahe	Palloor (North East)	0	50	50	12	0	12
Mahe	Mahe	Pandakkal (Central)	0	52	52	12	0	12
Pondicherry	Pondicherry	Ilango Nagar	0	17	17	10	0	10
Pondicherry	Pondicherry	Cassukadai	7	15	22	10	3	7
Pondicherry	Villianur Taluk	Sulthanpet	0	24	24	11	0	11
Pondicherry	Ozhukarai	Govindapet	0	64	64	12	0	12
Pondicherry	Ozhukarai	Meenatchipet	0	73	73	12	0	12
Pondicherry	Pondicherry	Anna Nagar	0	78	78	12	0	12
Pondicherry	Villianur Taluk	Vambupet	0	85	85	12	0	12
Pondicherry	Ozhukarai	Indira Nagar	0	135	135	13	0	13
Pondicherry	Villianur Taluk	Kizhur	0	164	164	13	0	13
Pondicherry	Pondicherry	Keerapalayam	0	175	175	13	0	13
Pondicherry	Bahour Taluk	Kalmandapam	0	192	192	13	0	13
Pondicherry	Ozhukarai	Nadesan Nagar	64	143	207	13	4	9
Pondicherry	Villianur Taluk	Kuppam	0	235	235	13	0	13
Pondicherry	Bahour Taluk	Manamedu	0	256	256	13	0	13
Pondicherry	Bahour Taluk	Seliamedu	0	266	266	13	0	13
Pondicherry	Bahour Taluk	Sooramangalam	0	296	296	13	0	13
Pondicherry	Pondicherry	Kakayantope (OG) - Ward No.44	0	309	309	13	0	13
Pondicherry	Bahour Taluk	Kirumampakkam	0	325	325	13	0	13
Pondicherry	Villianur Taluk	Thethampakkam	0	348	348	13	0	13
Pondicherry	Villianur Taluk	Mangalam	0	515	515	13	0	13
Pondicherry	Villianur Taluk	Sellipattu	0	526	526	13	0	13
Pondicherry	Pondicherry	Ariankuppam (OG) - Ward	4	555	559	13	0	13
Pondicherry	Bahour Taluk	Madukkarai	0	613	613	13	0	13
Pondicherry	Ozhukarai	Karuvadikuppam	0	615	615	13	0	13
Pondicherry	Villianur Taluk	Odiampet (Og)	0	630	630	13	0	13
Pondicherry	Puducherry Taluk	Andiarpalayam	0	637	637	13	0	13
Pondicherry	Villianur Taluk	Sedarapet	0	659	659	13	0	13
Pondicherry	Villianur Taluk	Thirukanji	8	709	717	13	0	13
Pondicherry	Villianur Taluk	Pudukuppam	0	722	722	13	0	13
Pondicherry	Puducherry Taluk	Tavalakuppam	0	780	780	13	0	13

Pondicherry	Villianur Taluk	Thirubuvana	11	784	795	13	0	13
Pondicherry	Puducherry Taluk	Purnankuppam	0	862	862	13	0	13
Yanam	Yanam	Pillaraya	27	23	50	12	6	6
Yanam	Yanam	Agraharam	68	6	74	12	11	1
		TOTAL	400	16611	17011	580	31	549

a: District Name
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d: Buffalo Population
e: Cattle Population
f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

FMD/SEROSUR/NIVEDI/Punjab_27/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 500 + (Cattle + Buffalo) = 3873

Knowledge level = 0.1

Cluster Level = 0.019

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 174 (+7 Reserved Villages)

Total No of Animals to be Sampled = 4524

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Amritsar	Ajnala	Kotli Dasondi (16)	328	306	634	26	13	13
Amritsar	Ajnala	Ranian (1)	510	185	695	26	19	7
Amritsar	Ajnala	Boparai Kalan (324)	495	393	888	26	14	12
Amritsar	Amritsar- li	Modhe (390)	633	319	952	26	17	9
Amritsar	Ajnala	Hetampura (7)	560	497	1057	26	14	12
Amritsar	Baba Bakala	Mattewal (187)	476	694	1170	26	11	15
Amritsar	Amritsar- li	Bal Kalan (340)	832	581	1413	26	15	11
Amritsar	Ajnala	Padri (335)	1103	805	1908	26	15	11
Amritsar	Ajnala	Sehnsra (304)	1585	1552	3137	26	13	13
Barnala	Tapa	Tajoke (63)	1129	155	1284	26	23	3
Barnala	Barnala	Aspal Kalan (79)	1312	379	1691	26	20	6
Bathinda	Talwandi Sabo	Shergarh (95)	529	492	1021	26	13	13
Bathinda	Talwandi Sabo	Sekho (117)	954	418	1372	26	18	8
Bathinda	Bathinda	Burj Mehma (178)	792	609	1401	26	15	11
Bathinda	Bathinda	Bhaini (188)	1124	699	1823	26	16	10
Bathinda	Rampura Phul	Gumti Kalan (33)	1858	1283	3141	26	15	11
Faridkot	Jaitu	Gobindgarh (12)	648	366	1014	26	17	9
Faridko *	Faridkot	Kot Sukhia (120)	1481	958	2439	26	16	10
Fatehgarh Sahib	Khamanon	Amargarh (293)	268	249	517	26	13	13
Fatehgarh Sahib	Bassi Pathana	Ghel (219)	374	197	571	26	17	9
Fatehgarh Sahib	Amlloh	Khanyan (23)	356	372	728	26	13	13
Fatehgarh Sahib	Bassi Pathana	Chuni Kalan (62)	442	322	764	26	15	11
Fatehgarh Sahib	Fatehgarh Sahib	Baras (256)	597	257	854	26	18	8
Fatehgarh Sahib	Fatehgarh Sahib	Dera Mir Miran (76)	495	452	947	26	14	12
Fazilka	Fazilka	Karni Khera (248)	693	394	1087	26	17	9
Fazilka	Fazilka	Muhar Khiwa (325)	1201	202	1403	26	22	4
Fazilka	Fazilka	Bodiwala Pitha (142)	432	1046	1478	26	8	18
Fazilka	Abohar	Dhaban Kokarian (63)	619	1206	1825	26	9	17
Fazilka	Abohar	Dharampura (82)	883	1262	2145	26	11	15
Firozpur	Firozpur	Sodhi Nagar Urf Sultan Khanwala	371	189	560	26	17	9
Firozpur	Firozpur	Kailash (190)	429	192	621	26	18	8
Firozpur	Guruaharsahai	Dona Mattar (332)	462	159	621	26	19	7
Firozpur	Zira	Kohala (6)	535	170	705	26	20	6
Firozpur	Firozpur	Kakuwala (127)	561	204	765	26	19	7
Firozpur	Zira	Pheroke (345)	510	308	818	26	16	10
Firozpur	Zira	Talwandi Jalle Khan (323)	641	264	905	26	18	8
Firozpur	Firozpur	Kot Karor Kalan (172)	400	607	1007	26	10	16
Firozpur	Zira	Rode Jallewala (23)	784	453	1237	26	16	10
Firozpur	Firozpur	Weer (65/1)	1659	451	2110	26	20	6
Gurdaspur*	Batala	Batala (M CI) - Ward No.1	282	266	548	26	13	13
Gurdaspur	Gurdaspur	Sahari (412)	269	281	550	26	13	13
Gurdaspur	Gurdaspur	Bhangwan (529)	367	202	569	26	17	9
Gurdaspur	Batala	Adda Hardo Jhande	390	230	620	26	16	10

Gurdaspur	Gurdaspur	Bangowani (416)	434	197	631	26	18	8
Gurdaspur	Gurdaspur	Kalianpur (390)	291	404	695	26	11	15
Gurdaspur	Gurdaspur	Chaunta (692)	277	418	695	26	10	16
Gurdaspur	Batala	Talwandi Jhunglean (187)	379	318	697	26	14	12
Gurdaspur	Gurdaspur	Gurdaspur (M Cl) - Ward No.9	254	474	728	26	9	17
Gurdaspur	Batala	Bharath (37)	511	229	740	26	18	8
Gurdaspur	Batala	Basarpura (126)	482	476	958	26	13	13
Gurdaspur	Dera Baba Nanak	Rahimabad (432)	704	486	1190	26	15	11
Gurdaspur	Batala	Dakoha (66)	785	446	1231	26	17	9
Gurdaspur	Gurdaspur	Babehali (364)	547	827	1374	26	10	16
Gurdaspur *	Batala	Aulakh (21)	794	682	1476	26	14	12
Gurdaspur	Batala	Veela Teja (359)	1036	747	1783	26	15	11
Gurdaspur	Batala	Kala Afgana (321)	1100	700	1800	26	16	10
Hoshiarpur	Garhshankar	Tuto Mazara (103)	246	277	523	26	12	14
Hoshiarpur	Garhshankar	Chandsu Jattan (104)	263	289	552	26	12	14
Hoshiarpur	Hoshiarpur	Dagana Kalan (231)	239	346	585	26	11	15
Hoshiarpur	Garhshankar	Chauhra (135)	352	259	611	26	15	11
Hoshiarpur	Garhshankar	Majara Deengrian (111)	365	253	618	26	15	11
Hoshiarpur	Garhshankar	Paddi Sura Singh (277)	397	240	637	26	16	10
Hoshiarpur	Mukerian	Bhabnaur (621)	291	348	639	26	12	14
Hoshiarpur	Hoshiarpur	Chakowal Brahmna (157)	516	124	640	26	21	5
Hoshiarpur	Garhshankar	Birampur (357)	485	205	690	26	18	8
Hoshiarpur	Hoshiarpur	Chabewal (308)	327	412	739	26	12	14
Hoshiarpur	Garhshankar	Moranwali (118)	385	369	754	26	13	13
Hoshiarpur	Dasua	Khangwari (465)	454	378	832	26	14	12
Hoshiarpur	Mukerian	Namoli (593)	389	463	852	26	12	14
Hoshiarpur	Mukerian	Rakri (Ct)	300	570	870	26	9	17
Hoshiarpur	Hoshiarpur	Mukhlana (284)	662	253	915	26	19	7
Hoshiarpur*	Dasua	Badla (626)	390	582	972	26	10	16
Hoshiarpur	Mukerian	Sandhwal (356)	942	580	1522	26	16	10
Hoshiarpur	Garhshankar	Binewal (477)	1186	789	1975	26	16	10
Jalandhar	Nakodar	Mehsampur (352)	179	374	553	26	8	18
Jalandhar	Phillaur	Raipur Araian (170)	349	256	605	26	15	11
Jalandhar	Shahkot	Kanian Kalan (288)	177	465	642	26	7	19
Jalandhar	Phillaur	Dholeta (214)	379	307	686	26	14	12
Jalandhar	Phillaur	Mathadda Khurd (127)	361	349	710	26	13	13
Jalandhar	Phillaur	Mehsampur (39)	432	327	759	26	15	11
Jalandhar	Jalandhar - I	Kotli Than Singh (183)	432	363	795	26	14	12
Jalandhar	Phillaur	Daduwal (5)	564	449	1013	26	14	12
Jalandhar	Jalandhar	Jalandhar (M Corp.) - Ward No.4	5	1212	1217	26	0	26
Jalandhar	Phillaur	Taiwan (93)	582	678	1260	26	12	14
Jalandhar	Jalandhar - I	Kala Bakra (119)	839	460	1299	26	17	9
Jalandhar *	Phillaur	Bara Pind (206)	906	776	1682	26	14	12
Kapurthala	Kapurthala	Kahna (112)	195	308	503	26	10	16
Kapurthala	Kapurthala	Brindpur (95)	296	325	621	26	12	14
Kapurthala	Kapurthala	Dhaliwal Bet (24)	339	305	644	26	14	12
Kapurthala	Kapurthala	Muradpur Bet(109)	409	283	692	26	15	11
Kapurthala	Kapurthala	Khukhrain (28)	426	346	772	26	14	12
Kapurthala	Kapurthala	Nava Basti Abadi Bhathe	789	78	867	26	24	2
Kapurthala	Kapurthala	Kapurthala (M Cl) - Ward No.14	927	19	946	26	25	1
Kapurthala	Phagwara	Mauli (105)	668	532	1200	26	14	12
Kapurthala	Kapurthala	Kalasanghian (224)	1959	228	2187	26	23	3
Kapurthala	Kapurthala	Sidhwan Dona (163)	1528	858	2386	26	17	9

Ludhiana	Samrala	Harion Kalan (91)	281	239	520	26	14	12
Ludhiana	Payal	Kishanpur (416)	555	165	720	26	20	6
Ludhiana	Ludhiana (West)	Baddowal (Ct)	552	190	742	26	19	7
Ludhiana	Payal	Begowal (251)	494	269	763	26	17	9
Ludhiana	Ludhiana (West)	Sangowal (257)	736	257	993	26	19	7
Ludhiana	Jagraon	Roomi (143)	732	320	1052	26	18	8
Ludhiana	Jagraon	Porain (12)	551	541	1092	26	13	13
Ludhiana	Payal	Sirthala (189)	511	628	1139	26	12	14
Ludhiana	Ludhiana (East)	Bhutta (253)	780	400	1180	26	17	9
Ludhiana	Ludhiana (East)	Jassowal (282)	1096	312	1408	26	20	6
Ludhiana	Ludhiana (West)	Dhandra (274)	971	595	1566	26	16	10
Ludhiana	Raikot	Jhorran (165)	1295	582	1877	26	18	8
Ludhiana	Jagraon	Galib Kalan (124)	1332	726	2058	26	17	9
Ludhiana *	Ludhiana	Ludhiana (M Corp.) - Ward	7832	3598	11430	26	18	8
Mansa	Mansa	Khara (119)	734	233	967	26	20	6
Mansa	Mansa	Atla Kalan (17)	940	213	1153	26	21	5
Mansa	Budhlada	Ahemadpur (232)	1530	782	2312	26	17	9
Mansa	Budhlada	Bareh (127)	2203	865	3068	26	19	7
Moga	Nihal Singhwala	Badhni Khurd (100)	481	377	858	26	15	11
Moga	Moga	Chugawan (31)	483	459	942	26	13	13
Moga	Nihal Singhwala	Beer Rouke (104)	530	562	1092	26	13	13
Moga	Nihal Singhwala	Khai (148)	1101	772	1873	26	15	11
Moga	Bagha Purana	Sukha Nand (124)	1034	869	1903	26	14	12
Muktsar	Muktsar	Maan Singhwala (152)	476	280	756	26	16	10
Muktsar	Gidderbaha	Lohara (77)	425	652	1077	26	10	16
Muktsar	Malout	Maan (2)	707	652	1359	26	14	12
Muktsar	Muktsar	Thandewala (67)	1027	826	1853	26	14	12
Nawanshahr (Sbs Nagar)	Balachaur	Sahungra (249)	353	174	527	26	17	9
Nawanshahr (Sbs Nagar)	Balachaur	Bhedian (429)	343	252	595	26	15	11
Nawanshahr (Sbs Nagar)	Banga	Bakhlaur (199)	350	276	626	26	15	11
Nawanshahr (Sbs Nagar)	Balachaur	Thopia (389)	480	184	664	26	19	7
Nawanshahr (Sbs Nagar)	Banga	Garhi (208) Ajitsingh	504	267	771	26	17	9
Nawanshahr (Sbs Nagar)	Balachaur	Rail (419)	1061	594	1655	26	17	9
Pathankot	Pathankot	Manwal (Ct)	43	490	533	26	2	24
Pathankot	Pathankot	Pathankot (M Cl) - Ward No.20	276	295	571	26	13	13
Pathankot	Dhar Kalan	Chatwal (381)	350	250	600	26	15	11
Pathankot	Pathankot	Tharial (Ct)	102	573	675	26	4	22
Pathankot	Pathankot	Ranipur Jhikla	266	583	849	26	8	18
Pathankot	Pathankot	Karoli Jhikli	78	885	963	26	2	24
Pathankot	Pathankot	Ghoh (Ct)	137	971	1108	26	3	23
Patiala	Nabha	Raj Garh (209)	309	223	532	26	15	11
Patiala	Nabha	Khokh (168)	346	276	622	26	14	12
Patiala	Nabha	Hiana Kalan	332	323	655	26	13	13
Patiala	Patiala	Chalela (338)	638	96	734	26	23	3
Patiala	Nabha	Birarhwal (170)	513	299	812	26	16	10
Patiala	Patiala	Rasulpur Jaura (82)	516	348	864	26	16	10
Patiala	Patiala	Chaura (30)	546	329	875	26	16	10
Patiala	Patiala	Karhali (196)	848	294	1142	26	19	7
Patiala	Nabha	Rohti Mouran (176)	703	523	1226	26	15	11
Patiala	Samana	Gajewas (93)	935	390	1325	26	18	8
Patiala	Patiala	Dakala (199)	1252	195	1447	26	22	4
Patiala	Samana	Bahmana (88)	1395	501	1896	26	19	7
Rupnagar	Chamkaur Sahib	Kiri Afghana (286)	323	208	531	26	16	10

Rupnagar	Rup Nagar	Pathreri Jattan	449	110	559	26	21	5
Rupnagar	Nangal	Ajauli (349)	474	141	615	26	20	6
Rupnagar	Chamkaur Sahib	Kheri Salabatpur (66)	498	141	639	26	20	6
Rupnagar	Anandpur Sahib	Massewal (337)	606	99	705	26	22	4
Rupnagar	Chamkaur Sahib	Chuhar Majra (307)	408	360	768	26	14	12
Rupnagar	Chamkaur Sahib	Kakrali (231)	509	337	846	26	16	10
Rupnagar	Rup Nagar	Mianpur (194)	512	338	850	26	16	10
Rupnagar	Rup Nagar	Khanpur (378)	957	71	1028	26	24	2
Rupnagar	Chamkaur Sahib	Kandola (146)	921	232	1153	26	21	5
S.A.S Nagar	Kharar	Pir Sohana (72)	328	176	504	26	17	9
S.A.S Nagar	Kharar	Hoshiaurpur (159)	508	63	571	26	23	3
S.A.S Nagar	Kharar	Manakpur Sharif (330)	508	204	712	26	19	7
S.A.S Nagar	Dera Bassi	Hamayunpur (166)	594	199	793	26	19	7
S.A.S Nagar	Dera Bassi	Malakpur (220)	662	236	898	26	19	7
S.A.S Nagar	Dera Bassi	Mianpur (205)	990	397	1387	26	19	7
Sangrur *	Malerkotla	Dhiro Majra (162)	502	123	625	26	21	5
Sangrur	Malerkotla	Amir Nagar (100)	475	241	716	26	17	9
Sangrur	Dhuri	Sultanpur (35)	638	123	761	26	22	4
Sangrur	Dhuri	Palasaur (105)	688	360	1048	26	17	9
Sangrur	Lehra	Sheikhuwas (58)	1050	168	1218	26	22	4
Sangrur	Sangrur	Alo Arkh (38)	853	386	1239	26	18	8
Sangrur	Moonak	Bhatal Khurd (92)	1082	668	1750	26	16	10
Sangrur	Sunam	Nilawal (37)	1284	474	1758	26	19	7
Sangrur	Sangrur	Kakra (41)	888	974	1862	26	12	14
Sangrur	Sangrur	Bhatiwal Kalan (53)	1640	817	2457	26	17	9
Tarn Taran	Patti	Dhagana (156)	386	185	571	26	18	8
Tarn Taran	Patti	Bhai Ladhu	409	258	667	26	16	10
Tarn Taran	Patti	Sarhali Mandan (260)	622	274	896	26	18	8
Tarn Taran	Patti	Lauhka (253)	631	267	898	26	18	8
Tarn Taran	Patti	Bhura Kohna (81)	1088	125	1213	26	23	3
Tarn Taran	Tarn Taran	Dhun (353)	1053	290	1343	26	20	6
Tarn Taran	Khadur Sahib	Khadur Sahib (129)	1563	887	2450	26	17	9
		TOTAL	125057	78952	204009	4706	2826	1880

* Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 174
Reserved Villages 7
Total Samples 4706

FMD/SEROSUR/NIVEDI/Rajasthan_28/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 1000 + (Cattle + Buffalo) = 4805

Knowledge level = 0.2

Cluster Level = 0.018

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 184 (+12 Reserved Villages)

Total No of Animals to be Sampled = 2392

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Ajmer	Nasirabad	Maoshiya	1178	408	1586	13	10	3
Ajmer	Bhinay	Nagola	717	999	1716	13	5	8
Ajmer	Ajmer	Beer	1325	1145	2470	13	7	6
Ajmer	Peesangan	Nagelao	2001	1210	3211	13	8	5
Alwar	Kishangarh Bas	Bajhot	947	157	1104	13	11	2
Alwar	Behror	Kankardopa	1083	183	1266	13	11	2
Alwar	Ramgarh	Kesroli	1248	75	1323	13	12	1
Alwar	NEEMRANA	Fauladpur	1051	316	1367	13	10	3
Alwar	Lachhmangarh	Dusrahera	1278	187	1465	13	11	2
Alwar	Tijara	Siroli Kalan	1477	194	1671	13	11	2
Alwar	Kathumar	Lathki	1022	911	1933	13	7	6
Alwar	Alwar	Umren	1921	230	2151	13	12	1
Alwar	Bansur	Bhoopsera	2016	390	2406	13	11	2
Alwar	Thanagazi	Mundawara	3782	789	4571	13	11	2
Banswara	Ghatol	Sarodiya	368	682	1050	13	5	8
Banswara	Bagidora	Naugama	880	562	1442	13	8	5
Banswara*	Ghatol	Himmat Singh Ka Gara	459	1021	1480	13	4	9
Banswara	Kushalgarh	Doongra Pani	561	1167	1728	13	4	9
Banswara	Ghatol	Kuwaniya	1040	996	2036	13	7	6
Banswara	Ghatol	Miyasa	596	2090	2686	13	3	10
Baran	Shahbad	Kaloni	508	694	1202	13	5	8
Baran	Chhipabarod	Bansari	823	750	1573	13	7	6
Baran	Shahbad	Baman Gawan	926	678	1604	13	8	5
Baran	Atru	Antana	1717	902	2619	13	9	4
Barmer	Dhanau	Bachhraoo	156	929	1085	13	2	11
Barmer	Dhanau	Sakriya Tala	299	843	1142	13	3	10
Barmer	Pachpadra	Kaloori	116	1126	1242	13	1	12
Barmer	Pachpadra	Khattoo	36	1278	1314	13	0	13
Barmer	Sindhari	Goliya Jeewraj	462	853	1315	13	5	8
Barmer	Samdari	Majal	437	901	1338	13	4	9
Barmer	Siwana	Kankhi	1145	400	1545	13	10	3
Barmer *	Dhanau	Talsar	409	1193	1602	13	3	10
Barmer	Sindhari	Chandon Ki Dhani	710	972	1682	13	5	8
Barmer	Gadra Road	Bandasar	23	1857	1880	13	0	13
Barmer	Pachpadra	Jasol	122	1830	1952	13	1	12
Barmer	Pachpadra	Asara	1452	1402	2854	13	7	6
Bharatpur	Bhusawar	Khadraya	828	193	1021	13	11	2
Bharatpur	Bharatpur	Khemra	984	192	1176	13	11	2
Bharatpur	Nadbai	Bachhamadi	1335	355	1690	13	10	3
Bharatpur	Nagar	Thoon	1287	405	1692	13	10	3
Bharatpur	Nagar	Seekri Chak No. 2	1605	438	2043	13	10	3
Bharatpur *	Kumher	Talphara	1416	643	2059	13	9	4
Bharatpur	Deeg	Bahaj	3124	467	3591	13	11	2

Bhilwara	Mandalgarh	Ranikhera	619	494	1113	13	7	6
Bhilwara	Asind	Kanwlas	404	819	1223	13	4	9
Bhilwara	Jahazpur	Amarwasi	870	826	1696	13	7	6
Bhilwara	Hameergarh	Mangrop	650	1215	1865	13	5	8
Bhilwara	Hameergarh	Hameer Garh (Ct)	388	1634	2022	13	2	11
Bhilwara	Shahpura	Dhikola	757	2044	2801	13	4	9
Bikaner	Bikaner	Geegasar	146	1409	1555	13	1	12
Bikaner	Sridungargarh	Kitasar Bidawatan	333	1869	2202	13	2	11
Bikaner	Sridungargarh	Pundalsar	729	1574	2303	13	4	9
Bikaner	Bikaner	Bikaner (M CI) - Ward No.7	396	2589	2985	13	2	11
Bikaner	Bikaner	Barsingsar	707	3496	4203	13	2	11
Bundi	TALERA	Aktasa	759	391	1150	13	9	4
Bundi	TALERA	Dhaneshwar	715	871	1586	13	6	7
Bundi	Hindoli	Hindoli	1212	1329	2541	13	6	7
Bundi *	Nainwa	Jajawar	2383	1758	4141	13	7	6
Chittorgarh	Rawatbhata	Jhalar Baori	583	455	1038	13	7	6
Chittorgarh	Rashmi	Pavli	782	389	1171	13	9	4
Chittorgarh	Rawatbhata	Padajhar Khurd	836	633	1469	13	7	6
Chittorgarh	Chittaurgarh	Dhanet Kalan	811	872	1683	13	6	7
Chittorgarh	Gangrar	Tumbadiya	591	1191	1782	13	4	9
Chittorgarh	Dungla	Chikarda	1100	891	1991	13	7	6
Churu	Churu	Nakrasar	471	1059	1530	13	4	9
Churu	Sardarshahar	Rolasar	172	1503	1675	13	1	12
Churu	Rajgarh	Chainpura Chhota	1223	623	1846	13	9	4
Churu	Sardarshahar	Kanwalasar	247	1975	2222	13	1	12
Churu	Bidasar	Sandwa	1406	1933	3339	13	5	8
Dausa	Mandawar	Garh Himmat Singh	1027	254	1281	13	10	3
Dausa	Dausa	Bhandana	763	647	1410	13	7	6
Dausa	Sikrai	Gandrawa	1389	142	1531	13	12	1
Dausa	Ramgarh pacwara	Jeetpur	970	962	1932	13	7	6
Dausa*	Sikrai	Geejigarh	6073	1756	7829	13	10	3
Dholpur	Rajakhera	Nadora	928	287	1215	13	10	3
Dholpur	Baseri	Kunkuta	1244	207	1451	13	11	2
Dholpur	Sepau	Saipau	1889	487	2376	13	10	3
Dholpur	Baseri	Bagthar	2595	911	3506	13	10	3
Dungarpur	JOTHARI	Mandela Upli	212	1016	1228	13	2	11
Dungarpur	Simalwara	Sadariya	716	786	1502	13	6	7
Dungarpur	Chikhali	Shishot	828	804	1632	13	7	6
Dungarpur	JOTHARI	Dol Kujela	593	1505	2098	13	4	9
Dungarpur	BICHIWARA	Palpadar	1146	3249	4395	13	3	10
Ganganagar	Anupgarh	ANUPGARH (M) - Ward No.22	104	1018	1122	13	1	12
Ganganagar	Karanpur	32 F	302	846	1148	13	3	10
Ganganagar	Gharsana	19 Gd	423	746	1169	13	5	8
Ganganagar	Sadulshahar	4 Bnw (Banwala)	348	935	1283	13	4	9
Ganganagar	Suratgarh	Hinjrasar	147	1351	1498	13	1	12
Ganganagar	Padampur	Narsinghpura Barani	0	1503	1503	13	0	13
Ganganagar	Ganganagar	5 D	613	928	1541	13	5	8
Ganganagar	Sadulshahar	34 Mmk (Kilawali)	521	1107	1628	13	4	9
Ganganagar	Ganganagar	Dungarsinghpura	321	1453	1774	13	2	11
Ganganagar	Sadulshahar	22 Ptp-A (Khairoowala)	802	1115	1917	13	5	8
Ganganagar	Karanpur	6 V	517	1403	1920	13	4	9
Ganganagar	Vijainagar	17 Sd	832	1435	2267	13	5	8
Ganganagar	Anupgarh	Anupgarh (M) - Ward No.7	163	2283	2446	13	1	12

Ganganagar	Ganganagar	1 F	379	2433	2812	13	2	11
Ganganagar *	Anupgarh	ANUPGARH (M) - Ward No.23	197	2638	2835	13	1	12
Hanumangarh	Hanumangarh	3 Mw	381	730	1111	13	4	9
Hanumangarh	Nohar	Nanau	536	894	1430	13	5	8
Hanumangarh	Rawatsar	Ramkan	385	1240	1625	13	3	10
Hanumangarh	Tibi	1 Mks-A	1140	723	1863	13	8	5
Hanumangarh	Bhadra	Gheu	992	1064	2056	13	6	7
Hanumangarh	Rawatsar	4 Jbd	511	1610	2121	13	3	10
Hanumangarh	Nohar	Birkali	662	1656	2318	13	4	9
Hanumangarh	Nohar	Kansar	782	2160	2942	13	3	10
Hanumangarh	Hanumangarh	Hanumangarh (M) - Ward No.22	15	3321	3336	13	0	13
Hanumangarh*	Nohar	25 Jsn	1241	2303	3544	13	5	8
Jaipur	KOTKHAWDA	Hingoti	1015	157	1172	13	11	2
Jaipur	Jamwa Ramgarh	Andhi	946	489	1435	13	9	4
Jaipur	Chomu	Dhani Gogoriya	692	877	1569	13	6	7
Jaipur	Sanganer	Siroli	850	731	1581	13	7	6
Jaipur	Chaksu	Girdharilalpara	1181	406	1587	13	10	3
Jaipur	Shahpura	Kalwaniyon Ka Bas	1383	513	1896	13	9	4
Jaipur	DUDU	Sali	1557	652	2209	13	9	4
Jaipur	Jaipur	Bhambhori	1679	1393	3072	13	7	6
Jaipur	Sanganer	Watika	2041	1313	3354	13	8	5
Jaipur *	Jaipur	Jaipur (M Corp.) (Part) - Ward No.1	2270	1105	3375	13	9	4
Jaisalmer	Jaisalmer	Bhoo	0	1616	1616	13	0	13
Jaisalmer	Pokaran	PADAMSAGAR	24	6053	6077	13	0	13
Jalore	Raniwara	Vagatapura	1183	256	1439	13	11	2
Jalore	Bagora	Jaitoo	1903	273	2176	13	11	2
Jalore	Sayla	Dadal	2701	96	2797	13	13	0
Jalore	Sanchole	Arnay	1592	1755	3347	13	6	7
Jhalawar	Pachpahar	Jajni	518	634	1152	13	6	7
Jhalawar	Gangdhar	Tisai	647	744	1391	13	6	7
Jhalawar	Pirawa	Dharoniya	894	698	1592	13	7	6
Jhalawar	Pachpahar	Guradiya Kalan	509	1299	1808	13	4	9
Jhalawar	Pachpahar	Mogra	1659	361	2020	13	11	2
Jhunjhunu	Buhana	Silarpuri	738	493	1231	13	8	5
Jhunjhunu	Chirawa	Ardawata	887	684	1571	13	7	6
Jhunjhunu	SURAJGARH	Khudaniya	659	1130	1789	13	5	8
Jhunjhunu	Buhana	Sanwlod	1808	219	2027	13	12	1
Jhunjhunu*	Khetri	Charawas	2111	365	2476	13	11	2
Jodhpur	Jodhpur	Miyasani	398	606	1004	13	5	8
Jodhpur	Bhopalgarh	Rarod	661	692	1353	13	6	7
Jodhpur	LOHAWAT	Bananiyon Ki Dhani	423	1146	1569	13	4	9
Jodhpur	Jodhpur	Jodhpur (M Corp.) - Ward No.64	112	1872	1984	13	1	12
Jodhpur	Jodhpur	Jodhpur (M Corp.) - Ward No.42	169	1900	2069	13	1	12
Jodhpur	Pipar shahar	Boroonda	851	1917	2768	13	4	9
Jodhpur	Osian	Samrau	1422	1464	2886	13	6	7
Jodhpur	Luni	Boranara	1219	1695	2914	13	5	8
Karauli	Sapotra	Ada Doongar	1259	75	1334	13	12	1
Karauli	Sapotra	Amarapur	1288	218	1506	13	11	2
Karauli	Todabhim	Nisoora	2138	304	2442	13	11	2
Karauli	Sapotra	Bhartoon	2258	209	2467	13	12	1
Kota	KANWAS	Moikalan	494	672	1166	13	6	7
Kota	Kota	Kota (M Corp.) - Ward No.3	1397	693	2090	13	9	4
Kota	Ladpura	Pachankui	2372	1741	4113	13	7	6

Kota *	Ladpura	Borabas	3084	2262	5346	13	7	6
Nagaur	Didwana	Bhadliya	439	687	1126	13	5	8
Nagaur	RIYAN BADI	Padoo Khurd	702	747	1449	13	6	7
Nagaur	Nagaur	Tankla	763	837	1600	13	6	7
Nagaur	Merta	Sogawas	617	992	1609	13	5	8
Nagaur	KUCHAMAN CITY	Adaksar	578	1256	1834	13	4	9
Nagaur	MUNDWA	Phirod	771	1188	1959	13	5	8
Nagaur	Makrana	Joosri	1143	1026	2169	13	7	6
Nagaur	Nagaur	Alay	856	1956	2812	13	4	9
Pali	Raipur	Nimbera Kalan	485	766	1251	13	5	8
Pali	Raipur	Banseea	880	725	1605	13	7	6
Pali	Pali	Bhanwri	966	711	1677	13	7	6
Pali	Pali	Bhambolai	774	1031	1805	13	6	7
Pali	Bali	Beejapur	1538	1115	2653	13	8	5
Pratapgarh	Dhariawad	Bilka Bas	520	786	1306	13	5	8
Pratapgarh	Peepalkhoont	Kakarwa Para	321	1271	1592	13	3	10
Pratapgarh	Dhariawad	Aad	751	1773	2524	13	4	9
Pratapgarh	Dhariawad	Lohagarh	784	1760	2544	13	4	9
Rajsamand	GARHBOR	Soonkhar	1038	119	1157	13	12	1
Rajsamand	GARHBOR	Reechher	1312	140	1452	13	12	1
Rajsamand	Nathdwara	Upli Odan	300	1377	1677	13	2	11
Rajsamand	Rajsamand	Pipali Acharyan	796	994	1790	13	6	7
Rajsamand	Rajsamand	Piparada	833	1490	2323	13	5	8
Sawai Madhopur	Bonli	Kasba Bonli (Ct)	883	918	1801	13	6	7
Sawai Madhopur *	Bonli	Kodyai	1738	747	2485	13	9	4
Sikar	RAMGARH SHEKAWATI	Theemoli	508	682	1190	13	6	7
Sikar	Lachhmangarh	Dishnau	488	853	1341	13	5	8
Sikar	DHOD	Sihot Chhoti	760	1154	1914	13	5	8
Sikar	Sri Madhopur	Khurampura	1746	441	2187	13	10	3
Sikar	Danta Ramgarh	Khood	831	1468	2299	13	5	8
Sikar	DHOD	Sanwaloda Dhavlan	535	2093	2628	13	3	10
Sirohi	Sirohi	Tawari	1014	1156	2170	13	6	7
Sirohi	Reodar	Mandar	2605	653	3258	13	10	3
Tonk	Peeplu	Darda Turki	953	385	1338	13	9	4
Tonk	Peeplu	Jhirana	1159	425	1584	13	10	3
Tonk	Tonk	Mehandwas	1598	295	1893	13	11	2
Tonk	Malpura	Budha Dewal	1721	846	2567	13	9	4
Udaipur *	Girwa	Teetardi	325	742	1067	13	4	9
Udaipur	Rishabhdeo	Keekawat	340	957	1297	13	3	10
Udaipur	Vallabh Nagar	Batharda Khurd	749	618	1367	13	7	6
Udaipur	Salumbar	Khira-Wara	1327	96	1423	13	12	1
Udaipur	Rishabhdeo	Beechhiwara	488	955	1443	13	4	9
Udaipur	Vallabh Nagar	Tus Dangiyan	1284	425	1709	13	10	3
Udaipur	Girwa	Bhalon Ka Gurha	972	857	1829	13	7	6
Udaipur	Kherwara	Suberi	834	1055	1889	13	6	7
Udaipur	Jhadol	Dhala	542	1531	2073	13	3	10
Udaipur	Mavli	Bijanwas	1061	1200	2261	13	6	7
		TOTAL	189467	201840	391307	2548	1235	1313

* Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 184
Reserved Villages 12
Total Samples

2392
156
2548

FMD/SEROSUR/NIVEDI/Sikkim_29/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 117

Knowledge level = 0.3

Cluster Level = 0.045

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 60

Total No of Animals to be Sampled = 540 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
East District	Gangtok	Kambal	0	239	239	9	0	9
East District	Rongli	Mulukey	3	257	260	9	0	9
East District	Rongli	Rhenak (Ct)	0	307	307	9	0	9
East District	Gangtok	Sirwani	0	322	322	9	0	9
East District	Pakyong	Kartok	0	331	331	9	0	9
East District	Pakyong	Pacheykhani	0	348	348	9	0	9
East District	Gangtok	Navey	0	385	385	9	0	9
East District	Rongli	Tarpin	0	386	386	9	0	9
East District	Rangpo	Pachak	0	445	445	9	0	9
East District	Rangpo	Sajong	0	457	457	9	0	9
East District	Gangtok	Chalamthang	0	567	567	9	0	9
East District	Gangtok	Nampong	0	614	614	9	0	9
North District	Chungthang	Shipgyer	0	244	244	9	0	9
North District	Mangan	Tingchim	0	255	255	9	0	9
North District	Mangan	Ringhim	0	263	263	9	0	9
South District	Jorethang	Sangbong	0	253	253	9	0	9
South District	Jorethang	Dorop	0	254	254	9	0	9
South District	Namchi	Damthang	0	303	303	9	0	9
South District	Ravong	Ralong	5	302	307	9	0	9
South District	Yangang	Lower Paiyong	0	308	308	9	0	9
South District	Namchi	Mikkhola	0	314	314	9	0	9
South District	Jorethang	Panchgharey	0	322	322	9	0	9
South District	Ravong	Rayong	0	335	335	9	0	9
South District	Namchi	Assangthang	1	357	358	9	0	9
South District	Namchi	Sadam	3	356	359	9	0	9
South District	Namchi	Chemchey	0	361	361	9	0	9
South District	Yangang	Sokpay	5	359	364	9	0	9
South District	Namchi	Rateypani	0	377	377	9	0	9
South District	Namchi	Wok	0	404	404	9	0	9
South District	Namchi	Karek	1	425	426	9	0	9
South District	Ravong	Namlung	0	538	538	9	0	9
South District	Namchi	Mamley	0	539	539	9	0	9
South District	Namchi	Tarku	0	540	540	9	0	9
South District	Yangang	Mangzing	0	541	541	9	0	9
South District	Yangang	Yangang	1	561	562	9	0	9
South District	Ravong	Sangmoo	2	628	630	9	0	9
South District	Yangang	Gagyong	3	791	794	9	0	9
South District	Yangang	Rangang	4	807	811	9	0	9
South District	Namchi	Ben	0	822	822	9	0	9
South District	Namchi	Jaubari	0	923	923	9	0	9
West District	Soreng	Reshi	0	218	218	9	0	9
West District	Soreng	Tharpu	19	283	302	9	1	8

West District	Soreng	Takothang	0	315	315	9	0	9
West District	Dentam	Sopakha	30	286	316	9	1	8
West District	Soreng	Segeng	0	316	316	9	0	9
West District	Dentam	Gitang	17	347	364	9	0	9
West District	Soreng	Kamling	0	367	367	9	0	9
West District	Gyalshing	Namboo	8	371	379	9	0	9
West District	Soreng	Boom	0	387	387	9	0	9
West District	Gyalshing	Lungzik	18	411	429	9	0	9
West District	Dentam	Karmatar	35	407	442	9	1	8
West District	Soreng	Karthok	44	417	461	9	1	8
West District	Gyalshing	Gyalshing	2	472	474	9	0	9
West District	Soreng	Chakung	3	482	485	9	0	9
West District	Soreng	Lower Fambong	18	508	526	9	0	9
West District	Soreng	Tikpur	8	569	577	9	0	9
West District	Gyalshing	Yuksom	0	731	731	9	0	9
West District	Soreng	Upper Fambong	11	726	737	9	0	9
West District	Dentam	Mengyong	5	742	747	9	0	9
West District	Soreng	Rumbuk	20	910	930	9	0	9
		TOTAL	266	26405	26671	540	4	536

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

FMD/SEROSUR/NIVEDI/Tamil Nadu_/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 500 + (Cattle + Buffalo) = 4988

Knowledge level = 0.2

Cluster Level = 0.030

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 110 (+5 Reserved Villages)

Total No of Animals to be Sampled = 1429

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Ariyalur	Udayarpalayam	Devamangalam	32	1283	1315	13	0	13
Chennai	Chennai	Chennai (M Corp.) - Ward No.83	326	468	794	13	5	8
Coimbatore	Sulur	Peedampalli	0	673	673	13	0	13
Coimbatore	Annur	Vadakkalur	3	1094	1097	13	0	13
Coimbatore	Sulur	J.Krishnapuram	0	1377	1377	13	0	13
Coimbatore	Pollachi	Ramapatinam	58	1826	1884	13	0	13
Cuddalore	Tittakudi	Korakkai	0	601	601	13	0	13
Cuddalore	Tittakudi	Podaiyur Ma.	11	737	748	13	0	13
Cuddalore	Cuddalore	Kilinjikuppam	0	816	816	13	0	13
Cuddalore	Kurinjipadi	Koranapattu	0	970	970	13	0	13
Cuddalore*	Kattumannarkoil	Kozhai	0	1215	1215	13	0	13
Dharmapuri	Pennagaram	Kodihalli	64	1276	1340	13	1	12
Dharmapuri	Pennagaram	Vattuvanahalli	138	2433	2571	13	1	12
Dindigul	Palani	Chinnakalayamputhur (Ct)	9	798	807	13	0	13
Dindigul	Athoor	Kothapulli	10	1001	1011	13	0	13
Dindigul	Kodaikanal	Mannavanur	84	1527	1611	13	1	12
Dindigul	Dindigul	Kuthathupatti	16	2753	2769	13	0	13
Erode	Sathyamangalam	Alathucombai	142	625	767	13	2	11
Erode	Modakurichi	Modakurichi (TP) - Ward No.15	257	808	1065	13	3	10
Erode	Sathyamangalam	Rajan Nagar	13	1498	1511	13	0	13
Erode	Bhavani	Mylambadi	127	2110	2237	13	1	12
Erode	Gobichettipalayam	Olalakovil	680	2027	2707	13	3	10
Kanchipuram	Maraimalaiagar	Maraimalaiagar (TP) - Ward No.21	35	493	528	13	1	12
Kanchipuram	Maduranthakam	Veeranakunnam	9	764	773	13	0	13
Kanchipuram	Kancheepuram	Pullalur	11	857	868	13	0	13
Kanchipuram	Tirukalukundram	Lattur	0	872	872	13	0	13
Kanchipuram	Cheyyur	Kokkaranthangal	0	1085	1085	13	0	13
Kanchipuram	Cheyyur	Kayapakkam	11	1368	1379	13	0	13
Kanniyakumari	Agastheeswaram	Vempanoor	18	729	747	13	0	13
Kanniyakumari	Kalkulam	Vellichandai A	0	822	822	13	0	13
Kanniyakumari	Kalkulam	Yettacode	0	879	879	13	0	13
Kanniyakumari	Agastheeswaram	Dharmapuram (Part)	5	1104	1109	13	0	13
Kanniyakumari*	Kalkulam	Thikkanamcode (Ct)	9	1281	1290	13	0	13
Karur	Aravakurichi	Velampadi	209	913	1122	13	2	11
Karur	Kadavur	Varavanai	255	1186	1441	13	2	11
Krishnagiri	Krishnagiri	Jagadevipalayam	2	800	802	13	0	13
Krishnagiri	Pochampalli	Kattagaram	0	1140	1140	13	0	13
Krishnagiri	Denkanikottai	Bevunutham	8	1554	1562	13	0	13
Krishnagiri	Pochampalli	Thimminaikampatti	0	2769	2769	13	0	13
Madurai	Peraiyur	Pappinaickenpatti	0	787	787	13	0	13
Madurai	Thirumangalam	Uchapatti	0	1115	1115	13	0	13
Madurai	Thirumangalam	Urappanur	0	2367	2367	13	0	13
Madurai	Melur	Ambalakaranpatti	0	4600	4600	13	0	13

Nagapattinam	Vedaranyam	Sembagarayanellur	124	853	977	13	2	11
Nagapattinam	Vedaranyam	Kuravapuram	78	1250	1328	13	1	12
Namakkal	Namakkal	Chinnamudalaipatti (Ct)	83	643	726	13	1	12
Namakkal	Namakkal	Bodinayakkanpatti	121	896	1017	13	2	11
Namakkal	Namakkal	Marupatti	393	1286	1679	13	3	10
Namakkal *	Tiruchengode	Vattur	230	1583	1813	13	2	11
Perambalur	Veppanthattai	Mettupalayam (South)	42	919	961	13	1	12
Pudukkottai	Manamelkudi	Perumarudur	21	718	739	13	0	13
Pudukkottai	Iluppur	Tachchampatti	81	775	856	13	1	12
Pudukkottai	Avudayarkoil	Tiyattur	0	1186	1186	13	0	13
Pudukkottai	Kulathur	Sathyamangalam	15	1873	1888	13	0	13
Ramanathapuram	Kadaladi	Narippaiyur	0	887	887	13	0	13
Ramanathapuram	Tiruvadanai	Anjukottai	0	1244	1244	13	0	13
Salem	Attur	Muthakavandanur	2	709	711	13	0	13
Salem	Omalur	Kottamettupatti	252	793	1045	13	3	10
Salem	Attur	Malayalapatti	37	1194	1231	13	0	13
Salem	Valapadi	Chandrapillaivalasai	20	1504	1524	13	0	13
Salem	Valapadi	Periyakavundapuram	3	1741	1744	13	0	13
Salem	Attur	Sarvoy	4	2858	2862	13	0	13
Sivaganga	Sivaganga	Thamarakki North	0	1129	1129	13	0	13
Sivaganga	Manamadurai	Manambakki	0	1192	1192	13	0	13
Thanjavur	Pattukkottai	Karisavayal	0	606	606	13	0	13
Thanjavur	Orthanadu	Kannugudi (West) Addl.	0	714	714	13	0	13
Thanjavur	Thiruvidaimarudur	Chidambaranathapuram	0	826	826	13	0	13
Thanjavur *	Peravurani	Umathanadu	20	933	953	13	0	13
Thanjavur	Papanasam	Veeramangudi	15	1069	1084	13	0	13
The Nilgiris	Nelliyalam	Nelliyalam (TP) - Ward No.10	0	46	46	12	0	12
Theni	Uthamapalayam	Royappanpatti	0	1534	1534	13	0	13
Theni	Periyakulam	Gullapuram	16	2128	2144	13	0	13
Thiruvallur	Tiruverkadu	Tiruverkadu (TP) - Ward No.15	136	613	749	13	2	11
Thiruvallur	Ponneri	Thatchoor	87	743	830	13	1	12
Thiruvallur	Pallipattu	Kadanaganagaram	9	1180	1189	13	0	13
Thiruvallur	Thiruvallur	Sendrayanpalayam	981	586	1567	13	8	5
Thiruvavur	Valangaiman	Moolalvancheri	0	795	795	13	0	13
Thiruvavur	Mannargudi	Thalikottai	0	1223	1223	13	0	13
Tiruchirappalli	Manapparai	Thirunellipatti	0	846	846	13	0	13
Tiruchirappalli	Thiruverumbur	Valavandankottai (Ct)	3	869	872	13	0	13
Tiruchirappalli	Tiruchirappalli	Tiruchirappalli (M Corp.) - Ward No.64	6	1252	1258	13	0	13
Tiruchirappalli	Manapparai	Poigaipatti	7	2652	2659	13	0	13
Tirunelveli	Radhapuram	Levinjipuram	8	834	842	13	0	13
Tirunelveli	Tirunelveli	Kodaganallur	119	881	1000	13	2	11
Tirunelveli	Sankarankoil	Vadakkupudur	0	1020	1020	13	0	13
Tirunelveli	Tenkasi	Poygai	2	1201	1203	13	0	13
Tirunelveli	Alangulam	Kuthapanjan	49	1236	1285	13	0	13
Tiruppur	Kangeyam	Mullipuram	80	971	1051	13	1	12
Tiruppur	Kangeyam	Nelali	9	3095	3104	13	0	13
Tiruvannamalai	Polur	Uthur	0	718	718	13	0	13
Tiruvannamalai	Vandavasi	Sogathur	0	1072	1072	13	0	13
Tiruvannamalai	Tiruvannamalai	Karkonnam	0	1081	1081	13	0	13
Tiruvannamalai	Polur	Othalavady	0	1920	1920	13	0	13
Tiruvannamalai	Tiruvannamalai	Bodhamangalam	0	3218	3218	13	0	13
Tuticorin	Kovilpatti	Ilaiyarsanendal	0	570	570	13	0	13
Tuticorin	Sathankulam	Meerankulam - li	1	621	622	13	0	13

Tuticorin	Kovilpatti	Kappulingampatti	0	783	783	13	0	13
Tuticorin	Srivaikuntam	Srimulakkarai	0	928	928	13	0	13
Vellore	Tirupathur	Pachoor	0	597	597	13	0	13
Vellore	Ambur	Chinnapallikuppam	0	679	679	13	0	13
Vellore	Wallajah	Ozhughur	0	1020	1020	13	0	13
Vellore	Arakonam	Pallur	67	1109	1176	13	1	12
Vellore	Gudiyatham	Ramalai	0	1300	1300	13	0	13
Vellore *	Tirupathur	Pudurnadu	0	1422	1422	13	0	13
Villupuram	Viluppuram	Kuchchippalaiyam (Vada)	0	520	520	13	0	13
Villupuram	Kallakkurichi	Vilakkur	2	646	648	13	0	13
Villupuram	Tirukkoyilur	Mudianur	43	772	815	13	1	12
Villupuram	Kallakkurichi	Porpadakurichi	0	927	927	13	0	13
Villupuram	Kallakkurichi	Pakkampadi	0	1111	1111	13	0	13
Villupuram	Viluppuram	Tirumangalam	37	1106	1143	13	0	13
Villupuram	Kallakkurichi	Ulagiyanallur	17	1147	1164	13	0	13
Virudhunagar	Srivilliputhur	Singammalpuram	0	767	767	13	0	13
Virudhunagar	Aruppukkottai	Pandalkudi	0	863	863	13	0	13
Virudhunagar	Virudhunagar	Ondippulinayakanur	0	1172	1172	13	0	13
Virudhunagar	Rajapalayam	Sundararajapuram	515	3151	3666	13	2	11
		TOTAL	6277	137707	143984	1494	56	1438

* Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population
f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 110
Reserved Villages 5
Total Samples

1429
65
1494

FMD/SEROSUR/NIVEDI/Telangana_31/2023

Stratified Random Sampling:

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 1000 + (Cattle + Buffalo) = 1625

Knowledge level = 0.2

Cluster Level = 0.015

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 221 (+16 Reserved Villages)

Total No of Animals to be Sampled = 2873

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Adilabad	Gudihathnoor	Mannur	241	984	1225	13	3	10
Adilabad	Gadiguda	Sawari	0	1432	1432	13	0	13
Adilabad	Talamadugu	Kajjarla	728	1014	1742	13	5	8
Adilabad	Inderavelly	Ginnera	0	1801	1801	13	0	13
Adilabad	Narnoor	Tadihadapnur	542	1514	2056	13	3	10
Adilabad	Neradigonda	Kumari	570	1516	2086	13	4	9
Adilabad	Boath	Babera	14	2253	2267	13	0	13
Adilabad	Adilabad Rural	Bheemseri	1851	1775	3626	13	7	6
Adilabad	Adilabad Rural	Chanda	3156	2149	5305	13	8	5
BHADRADRI KOTHAGUEDEM	Aswapuram	Gandigudem	167	1214	1381	13	2	11
BHADRADRI KOTHAGUEDEM	Julurpad	Machinenipeta	416	1027	1443	13	4	9
BHADRADRI KOTHAGUEDEM	Aswaraopeta	Kavidigundla	190	1687	1877	13	1	12
BHADRADRI KOTHAGUEDEM	Burgampahad	Morampalle	1983	648	2631	13	10	3
BHADRADRI KOTHAGUEDEM	Palwancha	Vulavanoor	1228	1639	2867	13	6	7
BHADRADRI KOTHAGUEDEM	Aswapuram	Nellipaka	2108	813	2921	13	9	4
BHADRADRI KOTHAGUEDEM	Cherla	R. Kothagudem	1680	1896	3576	13	6	7
BHADRADRI KOTHAGUEDEM	Allapalli	Ananthogugu	452	3837	4289	13	1	12
BHADRADRI KOTHAGUEDEM	Sujathanagar	Sujathanagar	4131	380	4511	13	12	1
BHADRADRI KOTHAGUEDEM *	Mulkalapalle	Jagannathapuram	2206	2800	5006	13	6	7
Hyderabad	Bahadurpura	GHMC Falaknama Ward-46:	926	1162	2088	13	6	7
Hyderabad	Saidabad	GHMC Ward-28: Azampura	1005	1479	2484	13	5	8
Jagitial	Buggaram	Gopulapur	767	309	1076	13	9	4
Jagitial	Jagitial Rural	Narsingapur (Part)	952	230	1182	13	10	3
Jagitial	Medipalle	Katlakunta	1306	38	1344	13	13	0
Jagitial	Medipalle	Pormalla	1424	162	1586	13	12	1
Jagitial	Kodimial	Kodimial	1357	639	1996	13	9	4
Jagitial	Velgatoor	Velgatoor	1905	620	2525	13	10	3
JANGOAN	Jangaon	Gangupahad	503	1008	1511	13	4	9
JANGOAN	Gundala	Velmajala	1120	504	1624	13	9	4
JANGOAN	Devarupputa	Dharamapur	1143	1089	2232	13	7	6
JANGOAN *	Lingalaghanpur	Vanaparthi	1148	1165	2313	13	6	7
JAYASHANKAR BHUPALAPALLY	Mulug	Jaggannapet	489	575	1064	13	6	7
JAYASHANKAR BHUPALAPALLY	Mangapet	Akinepalle Mallaram	1026	290	1316	13	10	3
JAYASHANKAR BHUPALAPALLY	Kataram	Gummallapalle	271	1099	1370	13	3	10
JAYASHANKAR BHUPALAPALLY	Venkatapur	Adavirangapur	1051	528	1579	13	9	4
JAYASHANKAR BHUPALAPALLY	Venkatapuram	Suraveedu [Z]	576	1225	1801	13	4	9
JAYASHANKAR BHUPALAPALLY	Mahadevpur	Kaleswaram	1052	978	2030	13	7	6
JAYASHANKAR BHUPALAPALLY	Palimela	Palmela	502	1900	2402	13	3	10
JAYASHANKAR BHUPALAPALLY	Wazeed	Tekulagudem (Z)	62	2411	2473	13	0	13
JAYASHANKAR BHUPALAPALLY	Mangapet	Mangapet (Podmur)	1316	1334	2650	13	6	7
JAYASHANKAR BHUPALAPALLY *	Malharrao	Tadicherla	3666	355	4021	13	12	1
JOGULAMBA GADWAL	Waddepalle	Patcharla	909	466	1375	13	9	4
JOGULAMBA GADWAL	Kaloor Thimmandoddi	gangannapally	537	845	1382	13	5	8

JOGULAMBA GADWAL	Rajoli	Pedda Thandrapadu	1080	837	1917	13	7	6
JOGULAMBA GADWAL	Waddepalle	Konkala	1522	757	2279	13	9	4
JOGULAMBA GADWAL	Maldakal	Maldakal	835	1525	2360	13	5	8
KAMAREDDY	Pitlam	Maddelchervu	835	180	1015	13	11	2
KAMAREDDY	Machareddy	Somarampet	918	269	1187	13	10	3
KAMAREDDY	Gandhari	Gandivet	899	325	1224	13	10	3
KAMAREDDY	Banswada	Hanmajipet	1122	361	1483	13	10	3
KAMAREDDY	Domakonda	Domakonda	1424	181	1605	13	12	1
KAMAREDDY	Kamareddy	Adloor	1552	262	1814	13	11	2
KAMAREDDY	Machareddy	Palwancha	1546	572	2118	13	9	4
KAMAREDDY	Kamareddy	Chinna Mallareddy	1978	165	2143	13	12	1
KAMAREDDY	Gandhari	Durgam	780	1775	2555	13	4	9
KAMAREDDY *	Machareddy	Banjapally	519	2274	2793	13	2	11
Karimnagar	Manakondur	Vegurupalle	642	563	1205	13	7	6
Karimnagar	Veenavanka	Korkal(Jangampalle)	663	619	1282	13	7	6
Karimnagar	Ganneruvaram	Gannervaram	769	661	1430	13	7	6
Karimnagar	Ganneruvaram	Gunkulkondapur	484	1154	1638	13	4	9
Karimnagar	Gangadhara	Gangadhara	1074	882	1956	13	7	6
Khammam	Thirumalayapalem	Hydersaipeta	277	900	1177	13	3	10
Khammam	Yerrupalem	Banigandlapadu	1179	140	1319	13	12	1
Khammam	Khammam (Rural)	Tallampadu	933	390	1323	13	9	4
Khammam	Kallur	Chennuru	1544	71	1615	13	12	1
Khammam	Khammam (Rural)	Edulapuram(Part)	1430	187	1617	13	11	2
Khammam	Konijerla	Tanikella	1294	861	2155	13	8	5
Khammam	Madhira	Siripuram (Pm)	2637	125	2762	13	12	1
Khammam	Singareni	Relakayalapalle	128	2753	2881	13	1	12
Khammam	Penuballi	Gowararam	2290	918	3208	13	9	4
Khammam*	Kamepalle	Ponnekal	1448	2271	3719	13	5	8
KUMURAM BHEEM	Tiryan	Ginnedari	1	1218	1219	13	0	13
KUMURAM BHEEM	Dahegaon	Kothmir	235	1150	1385	13	2	11
KUMURAM BHEEM	Sirpur	Netnur	73	1631	1704	13	1	12
KUMURAM BHEEM	Wankdi	Sawathi	0	1707	1707	13	0	13
KUMURAM BHEEM	Wankdi	Indhani	135	1712	1847	13	1	12
KUMURAM BHEEM	Bejjur	Marthadi	536	1900	2436	13	3	10
KUMURAM BHEEM	Bejjur	Outsarangipalle	491	5042	5533	13	1	12
KUMURAM BHEEM	Wankdi	Khamana	2785	2887	5672	13	6	7
MAHABUBABAD*	Danthalapalle	Agapet	478	804	1282	13	5	8
MAHABUBABAD	Thorur	Thorur (Ct)	928	928	1856	13	7	6
MAHABUBABAD	Bayyaram	Jagathraopet	441	1686	2127	13	3	10
MAHABUBABAD	Nellikudur	Nellikudur	1297	1289	2586	13	7	6
MAHABUBABAD	Dornakal	Gollacherla	801	2945	3746	13	3	10
Mahbubnagar	Dhanwada	Gotur	471	684	1155	13	5	8
Mahbubnagar	MARIKAL	Yeligandla	752	531	1283	13	8	5
Mahbubnagar	RAJAPUR	Edganpalle	277	1019	1296	13	3	10
Mahbubnagar	Nawabpet	Yemmanagandla	577	886	1463	13	5	8
Mahbubnagar	Gandeed	Gadrial	775	763	1538	13	7	6
Mahbubnagar	Jadcherla	Kodgal	324	1236	1560	13	3	10
Mahbubnagar	Hanwada	Gundiya	906	833	1739	13	7	6
Mahbubnagar	Devarkadra	Dokur	1242	507	1749	13	9	4
Mahbubnagar	Nawabpet	Markal	699	1142	1841	13	5	8
Mahbubnagar	Balanagar	Peddarevelly	164	1742	1906	13	1	12
Mahbubnagar	Gandeed	Vennached	820	1314	2134	13	5	8
Mahbubnagar *	Hanwada	Hanwada	1304	1728	3032	13	6	7

MANCHERIAL	Vemanpalle	Mulkalpet	251	785	1036	13	3	10
MANCHERIAL	Chennur	Kathersala	888	518	1406	13	8	5
MANCHERIAL	Kannepally	Jajjarvelly	70	1447	1517	13	1	12
MANCHERIAL	Vemanpalle	Vemanpalle	567	1320	1887	13	4	9
MANCHERIAL	Luxettipet	Utukur	1255	771	2026	13	8	5
MANCHERIAL	Dandepalle	Gudam	1048	1415	2463	13	6	7
MANCHERIAL	Chennur	Pokkur	1369	1657	3026	13	6	7
Medak	Tekmal	Yelupugonda	429	625	1054	13	5	8
Medak	Chilpched	Chitkul	980	401	1381	13	9	4
Medak	Kowdipalle	Yelmakanna	1090	632	1722	13	8	5
Medak	Shankarampet (R)	Madur	1550	246	1796	13	11	2
Medak	Havelighanapur	Sardhana	1628	609	2237	13	9	4
Medak	Kowdipalle	Rajilapur	2430	495	2925	13	11	2
Medak *	Tupran	Tupran	2724	382	3106	13	11	2
MEDCHAL MALKAJGIRI	Uppal	GHMC Nagole Ward-11:	905	263	1168	13	10	3
MEDCHAL MALKAJGIRI	Ghatkesar	Edulabad	1089	220	1309	13	11	2
MEDCHAL MALKAJGIRI	Kapra	Jawaharnagar (Ct)	799	973	1772	13	6	7
MEDCHAL MALKAJGIRI	Medchal	Dabirpur	2235	1852	4087	13	7	6
NAGARKURNOOL	Bijinapalle	Vattiem	350	857	1207	13	4	9
NAGARKURNOOL	Balmoor	Gattuthumman	633	686	1319	13	6	7
NAGARKURNOOL	Amrabad	Mannanur	316	1436	1752	13	2	11
NAGARKURNOOL	Balmoor	Polesettipalle	829	960	1789	13	6	7
NAGARKURNOOL	Lingal	Chennampally	245	1648	1893	13	2	11
NAGARKURNOOL	Balmoor	Balmoor	1197	1024	2221	13	7	6
NAGARKURNOOL	Balmoor	Kondanagula	1022	1329	2351	13	6	7
NAGARKURNOOL*	Vangoor	Kondareddypally	792	1589	2381	13	4	9
Nalgonda	Thipparthi	Mamidala	615	492	1107	13	7	6
Nalgonda	Chityala	Chinakaparthi	880	286	1166	13	10	3
Nalgonda	Miryalaguda	Rayanpalem	1075	215	1290	13	11	2
Nalgonda	Nalgonda	Gollaguda (R) (OG) - Ward No.11	954	461	1415	13	9	4
Nalgonda	Nakrekall	Chandupatla	1254	238	1492	13	11	2
Nalgonda	Tirumalagiri Sagar	Konerpuram	262	1274	1536	13	2	11
Nalgonda	Devarakonda	Tatikole	746	1019	1765	13	5	8
Nalgonda	Kangal	Turka Palle	944	875	1819	13	7	6
Nalgonda	Munugode	Munugode	1243	653	1896	13	9	4
Nalgonda	Thripuraram	Anjana Palle	1889	260	2149	13	11	2
Nalgonda	Dameracherla	Kondrapolu	1875	316	2191	13	11	2
Nalgonda	Kattangoor	Aiti Pamula	1558	658	2216	13	9	4
Nalgonda	Chandam Pet	Theidevarapalle	404	2331	2735	13	2	11
Nalgonda	Narketpalle	Ammanabole	1630	1207	2837	13	7	6
Nalgonda*	Nalgonda	Nalgonda (M) - Ward No.30	1326	1558	2884	13	6	7
Nirmal	Narsapur G	Kurli	299	739	1038	13	4	9
Nirmal	Narsapur G	Gulmadaga	325	886	1211	13	3	10
Nirmal	Soan	Pakpatla	764	533	1297	13	8	5
Nirmal	Kaddam (Peddur)	Maddipadga	748	909	1657	13	6	7
Nirmal	Kuntala	Kuntala	850	828	1678	13	7	6
Nirmal	Lokeswaram	Gadchanda	1046	979	2025	13	7	6
Nirmal	Basar	Basar	815	1414	2229	13	5	8
Nirmal	Dasturabad	Bhuttapur	962	1612	2574	13	5	8
Nirmal	Kaddam (Peddur)	Allampally	332	2989	3321	13	1	12
Nirmal	Khanapur	Beernandi	1334	3326	4660	13	4	9
Nizamabad	Bodhan	Minarpalle	1013	58	1071	13	12	1
Nizamabad	Velpur	Padgal	893	268	1161	13	10	3

Nizamabad	Makloor	Kalladi	913	259	1172	13	10	3
Nizamabad	Navipet	Kosli	662	808	1470	13	6	7
Nizamabad	Yergatla	Tadla Rampur	836	704	1540	13	7	6
Nizamabad	Dichpalle	Mentrajpalle	581	984	1565	13	5	8
Nizamabad	Ranjal	Neela	1571	758	2329	13	9	4
Nizamabad	Sirkonda	Pandimadugu	1412	1419	2831	13	6	7
Nizamabad	Navipet	Naleshwar	1740	2329	4069	13	6	7
Nizamabad *	Sirkonda	Chimanpalle	2896	2943	5839	13	6	7
PEDDAPALLI	Palakurthy	Maredupalle	740	534	1274	13	8	5
PEDDAPALLI	Elgaid	Doolikatta	1045	506	1551	13	9	4
PEDDAPALLI	Palakurthy	Palakurthy (Ct)	972	624	1596	13	8	5
PEDDAPALLI	Odelal	Kolanoor	1256	571	1827	13	9	4
PEDDAPALLI	Julapalle	Telukunta	1009	967	1976	13	7	6
RAJANNA SIRCILLA	Chandurthi	Moodepalle	728	502	1230	13	8	5
RAJANNA SIRCILLA	Ellanthakunta	Pottur	804	606	1410	13	7	6
RAJANNA SIRCILLA	Veernapalli	Garjanpalle	950	731	1681	13	7	6
RAJANNA SIRCILLA	Rudrangi	Rudrangi	932	801	1733	13	7	6
Rangareddi	Ibrahimpatnam	Mangalpalle	742	311	1053	13	9	4
Rangareddi	JILLED CHOWDERGUDEM	Padmaram	211	1059	1270	13	2	11
Rangareddi	Abdullapurmet	Qutubullapur	1268	141	1409	13	12	1
Rangareddi	Farooqnagar	Kondannaguda	655	933	1588	13	5	8
Rangareddi	Moinabad	Surangal	1225	388	1613	13	10	3
Rangareddi	Shamshabad	Narkhuda	1216	526	1742	13	9	4
Rangareddi	Moinabad	Chinna Mangalaram	1700	503	2203	13	10	3
Rangareddi	Kadthal	Ravichedu	160	2361	2521	13	1	12
Rangareddi *	Madgul	Kalakonda	1598	2389	3987	13	5	8
Rangareddi	Maheswaram	Thummaloor	2773	1618	4391	13	8	5
SANGAREDDY	Mogudampally	Gousabad	112	1079	1191	13	1	12
SANGAREDDY	Nyalkal	Kalbemal	742	484	1226	13	8	5
SANGAREDDY	Nagilgidda	Shari Damargidda	695	800	1495	13	6	7
SANGAREDDY	Andole	Dakoor	1025	532	1557	13	9	4
SANGAREDDY	Kalher	Mungepalle	594	1031	1625	13	5	8
SANGAREDDY	Kangti	Turkwadgaon	633	999	1632	13	5	8
SANGAREDDY	Kangti	Chowkanpalle	540	1255	1795	13	4	9
SANGAREDDY	Mogudampally	Mogdampalle	609	1484	2093	13	4	9
SANGAREDDY	Nagilgidda	Errakipalle	957	1509	2466	13	5	8
SANGAREDDY	Nagilgidda	Karsgutti	1523	967	2490	13	8	5
SANGAREDDY	Manoor	Thornal	1446	1133	2579	13	7	6
SANGAREDDY	Kohir	Badampet	630	2011	2641	13	3	10
SANGAREDDY	Nyalkal	Metalkunta	2569	1551	4120	13	8	5
SANGAREDDY*	Narayankhed	Chaptakhadeem	2374	1816	4190	13	7	6
SIDDIPET	Jagdevpur	Chatlapalle	477	542	1019	13	6	7
SIDDIPET	Wargal	Tunkikhalasa	758	349	1107	13	9	4
SIDDIPET	Bejjanki	Vadlur-Begumpet	958	434	1392	13	9	4
SIDDIPET	Kondapak	Kondapak	837	704	1541	13	7	6
SIDDIPET	Jagdevpur	Munigadapa	1041	776	1817	13	7	6
SIDDIPET	Cherial	Nagapuri	1014	994	2008	13	7	6
SIDDIPET	Cherial	Akunoor	1454	1193	2647	13	7	6
SIDDIPET	Thoguta	Vemulaghat	1726	967	2693	13	8	5
SURYAPET	Mattam Palle	Mattam Palle	800	314	1114	13	9	4
SURYAPET	Chinthalapalem	Gudimalkapuram	631	570	1201	13	7	6
SURYAPET	Neredcherla	Penchikaladinne	1440	89	1529	13	12	1
SURYAPET	Nadigudem	Tellabali	1676	2	1678	13	13	0

SURYAPET	Mella Cheruvu	Revuru	1273	501	1774	13	9	4
SURYAPET	Kodad	Golithanda	1573	385	1958	13	10	3
SURYAPET	Neredcherla	Neredcherla	2720	49	2769	13	13	0
SURYAPET	Munagala	Kalakova	2465	1534	3999	13	8	5
SURYAPET	Kodad	Kapugal	4260	710	4970	13	11	2
SURYAPET*	Chinthalapalem	Thammaram	3442	2757	6199	13	7	6
VIKARABAD	Doulathabad	Neetur	358	802	1160	13	4	9
VIKARABAD	Tandur	Gingurthy	295	898	1193	13	3	10
VIKARABAD	Basheerabad	Navandgi (Ct)	528	773	1301	13	5	8
VIKARABAD	Tandur	Karakote	367	953	1320	13	4	9
VIKARABAD	Bomraspet	Regadmailwar	413	917	1330	13	4	9
VIKARABAD	Pargi	Pargi	726	619	1345	13	7	6
VIKARABAD	Doma	Doma	977	752	1729	13	7	6
VIKARABAD	Yelal	Juntalle	371	2009	2380	13	2	11
VIKARABAD	Kulkacharla	Kulkacharla	1510	2569	4079	13	5	8
VIKARABAD	Kulkacharla	Bomreddipalle	1823	2465	4288	13	6	7
WANAPARTHY	Peddamandadi	Dodaguntapally	1029	188	1217	13	11	2
WANAPARTHY	Madanapur	Duppalle	509	779	1288	13	5	8
WANAPARTHY	Veepangandla	Kalvarala	564	819	1383	13	5	8
WANAPARTHY	Kothakota	Kothakota (Ct)	1472	423	1895	13	10	3
WANAPARTHY *	Gopalpeta	Gopalpeta	797	1166	1963	13	5	8
Warangal Rural	Nekkonda	Peddakorpole	564	770	1334	13	5	8
Warangal Rural	Sangam	Katrepane(Haveli)	301	1278	1579	13	2	11
Warangal Rural	Nekkonda	Suripalle	917	1179	2096	13	6	7
Warangal Rural	Parvathagiri	Enugal	1200	1042	2242	13	7	6
WARANGAL URBAN	Warangal	W - Warangal (GWMC) ard N	1283	467	1750	13	10	3
WARANGAL URBAN	Bheemadevarpalle	Gatlanarsingapur	883	1077	1960	13	6	7
YADADRI BHUVANAGIRI	Alair	Sharajpet	529	484	1013	13	7	6
YADADRI BHUVANAGIRI	Choutuppal	Choutuppal (Ct)	1120	114	1234	13	12	1
YADADRI BHUVANAGIRI	Bibinagar	Bibinagar (Ct)	1059	395	1454	13	9	4
YADADRI BHUVANAGIRI	Rajapet	Pamukunta	692	790	1482	13	6	7
YADADRI BHUVANAGIRI *	Pochampalle	Pochampalle (Ct)	1304	292	1596	13	11	2
YADADRI BHUVANAGIRI	Rajapet	Bondugula	652	1254	1906	13	4	9
YADADRI BHUVANAGIRI	M.Turkapalle	Vasala Marri	1293	739	2032	13	8	5
YADADRI BHUVANAGIRI	M.Turkapalle	Gandamalla	1828	1123	2951	13	8	5
		TOTAL	246670	243508	490178	3081	1569	1512

* Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 221
Reserved Villages 16
Total Samples 3081

2873
208
3081

FMD/SEROSUR/NIVEDI/Tripura_32/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 776

Knowledge level = 0.3

Cluster Level = 0.045

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 73

Total No of Animals to be Sampled = 657

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Dhalai	Raishyabari	Raima	19	436	455	9	0	9
Dhalai	Salema	Panboa	1	522	523	9	0	9
Dhalai	Dumburnagar	Pancharatan	0	626	626	9	0	9
Dhalai	Manu	Paschim Karamchhara	0	681	681	9	0	9
Dhalai	Manu	Chailengta	0	710	710	9	0	9
Dhalai	Ambassa	Kamalachhara	1	837	838	9	0	9
Dhalai	Salema	Dakshin Kachucherra	1	844	845	9	0	9
Dhalai	Dumburnagar	Ranipukur	0	1082	1082	9	0	9
Dhalai	Salema	Katalutma	0	1710	1710	9	0	9
Gomati	Karbook	Jatanbari	0	338	338	9	0	9
Gomati	Amarpur	Paschim Daluma	0	409	409	9	0	9
Gomati	Killa	Jalema	0	503	503	9	0	9
Gomati	Karbook	Laogang	0	560	560	9	0	9
Gomati	Silachari	Ailmara	14	609	623	9	0	9
Gomati	Silachari	Suknachari	0	625	625	9	0	9
Gomati	Matarbari	Dakshin Matabari	0	785	785	9	0	9
Gomati	Amarpur	Uttar Chellagang	0	987	987	9	0	9
Gomati	Matarbari	Uttar Maharani	0	1395	1395	9	0	9
Gomati	Kakraban	Purba Palatana	0	1542	1542	9	0	9
Khowai	Kalyanpur	Pramodnagar	0	221	221	9	0	9
Khowai	Tulashikhar	Purba Singhicharra	0	342	342	9	0	9
Khowai	Khowai	Uttar Chebri	0	472	472	9	0	9
Khowai	Khowai	Madhya Sighicherra	0	476	476	9	0	9
Khowai	Khowai	Uttar Ramchandraghat	0	478	478	9	0	9
Khowai	Khowai	Purba Ganki	0	658	658	9	0	9
Khowai	Kalyanpur	Kamalnagar	0	726	726	9	0	9
Khowai	Kalyanpur	Dakshin Ghilatali	0	798	798	9	0	9
North Tripura	Panisagar	Chandrahalam para	0	302	302	9	0	9
North Tripura	Panisagar	Pekuchhara	0	477	477	9	0	9
North Tripura	Damchhara	Khedachhara	0	576	576	9	0	9
North Tripura	Kadamtala	Baghan	10	596	606	9	0	9
North Tripura	Kadamtala	Fulbari	15	704	719	9	0	9
North Tripura	Kalacherra	North Hurua	20	866	886	9	0	9
North Tripura	Panisagar	Jalebasa	0	953	953	9	0	9
North Tripura	Kalacherra	East Hurua	1	996	997	9	0	9
Sepahijala	Mohanbhog	Purba Chandigarh	0	502	502	9	0	9
Sepahijala	Mohanbhog	Ghrantali	0	606	606	9	0	9
Sepahijala	Nalchar	Kumariakucha	0	650	650	9	0	9
Sepahijala	Kathalia	Sonapur	0	808	808	9	0	9
Sepahijala	Nalchar	Khaschoumohani	0	840	840	9	0	9
Sepahijala	Bishalgarh	Laxmibil	0	859	859	9	0	9
Sepahijala	Jampuijala	Sangkumabari	0	907	907	9	0	9

Sepahijala	Kathalia	Thalibari	0	975	975	9	0	9
Sepahijala	Bishalgarh	Kamalasagar	0	1220	1220	9	0	9
Sepahijala	Bishalgarh	Gopinagar	1	1466	1467	9	0	9
South Tripura	Satchand	Taikumbachhara	0	331	331	9	0	9
South Tripura	Rupaichhari	Paschim Ludhua	0	450	450	9	0	9
South Tripura	Jolaibari	Srikantabari	30	581	611	9	0	9
South Tripura	Hrishyamukh	Uttar Sonaichari	0	724	724	9	0	9
South Tripura	Rajnagar	Dakshin Srirampur	0	785	785	9	0	9
South Tripura	Bokafa	Lowgang	0	837	837	9	0	9
South Tripura	Rupaichhari	Rupaichhari	0	908	908	9	0	9
South Tripura	Rajnagar	Paschim Peporiakhola	0	947	947	9	0	9
South Tripura	Rajnagar	Batisha	0	1205	1205	9	0	9
South Tripura	Bokafa	Patichari	0	1833	1833	9	0	9
Unakoti	Pencharthal	Andher Chara	0	246	246	9	0	9
Unakoti	Kumarghat	Ujan Dudhpur	0	442	442	9	0	9
Unakoti	Gournagar	Guldharpur	6	658	664	9	0	9
Unakoti	Pencharthal	Dakshin Machmara	0	709	709	9	0	9
Unakoti	Chandipur	Dhanbilash	543	1056	1599	9	3	6
Unakoti	Kumarghat	Paschim Ratachhara	6	1824	1830	9	0	9
West Tripura	Dukli	West Jarulbachai	0	223	223	9	0	9
West Tripura	Belbari	Dakshin Radhapur	0	282	282	9	0	9
West Tripura	Belbari	Champabari	74	279	353	9	2	7
West Tripura	Old Agartala	Bridhdhanagar	0	422	422	9	0	9
West Tripura	Lefunga	Abhicharan	7	466	473	9	0	9
West Tripura	Hezamara	Surendranagar	0	517	517	9	0	9
West Tripura	Hezamara	Sarat Chowdhury	0	519	519	9	0	9
West Tripura	Belbari	Rasa Dasarathnagar	0	524	524	9	0	9
West Tripura	Mohanpur	Satdubia	0	559	559	9	0	9
West Tripura	Old Agartala	Debram Thakur	0	631	631	9	0	9
West Tripura	Old Agartala	Paschim Noagaon	0	646	646	9	0	9
West Tripura	Dukli	Ballabpur	0	708	708	9	0	9
		TOTAL	749	52987	53736	657	5	652

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population
f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

FMD/SEROSUR/NIVEDI/Uttar Pradesh_33/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 500 + (Cattle + Buffalo) = 22440

Knowledge level = 0.2

Cluster Level = 0.016

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 207 (+13 Reserved Villages)

Total No of Animals to be Sampled = 2691

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Agra	Fatehabad	Salempur Ghankar	1593	1231	2824	13	7	6
Aligarh	Gabhana	Ganwari	893	367	1260	13	9	4
Aligarh	Atrauli	Barhsara	1536	630	2166	13	9	4
Allahabad	Handia	Udagi	359	143	502	13	9	4
Allahabad	Soraon	Basdaiya	516	265	781	13	9	4
Allahabad	Phulpur	Palikaranpur Uperhar	458	447	905	13	7	6
Allahabad	Meja	Javaniya	490	512	1002	13	6	7
Allahabad	Phulpur	Chaq Churawan Ta. Kanihar	909	341	1250	13	9	4
Allahabad	Meja	Bhatauti	1510	2366	3876	13	5	8
Ambedkar Nagar	Allapur	Aarivpur	204	452	656	13	4	9
Ambedkar Nagar	Jalalpur	Dooltabad	591	243	834	13	9	4
Ambedkar Nagar	Jalalpur	Kannupur	740	480	1220	13	8	5
Ambedkar Nagar *	Jalalpur	Kuchpura	972	313	1285	13	10	3
Amethi	Gauriganj	Katkarpur	643	367	1010	13	8	5
Amethi	Musafirkhana	Mawaiya Rahmat Garh	827	1436	2263	13	5	8
Amroha	Hasanpur	Galsua	805	135	940	13	11	2
Amroha	Hasanpur	Batupura	912	605	1517	13	8	5
Auraiya	Auraiya	Tarwabiku	697	157	854	13	11	2
Auraiya	Bidhuna	Vimata Mau	1485	773	2258	13	9	4
Azamgarh	Phulpur	Bhadasar	331	190	521	13	8	5
Azamgarh	Burhanpur	Ledaura	367	289	656	13	7	6
Azamgarh	Mehnagar	Bhitkaso	327	433	760	13	6	7
Azamgarh	Phulpur	Pakraul	278	497	775	13	5	8
Azamgarh	Lalganj	Kanjahit	448	628	1076	13	5	8
Azamgarh	Lalganj	Lahuwa Khurd	524	702	1226	13	6	7
Azamgarh*	Sagri	Arazi Dewara Nainjor	1227	486	1713	13	9	4
Baghpat	Khekada	Gauna	917	444	1361	13	9	4
Bahraich	Mahasi	Tarapur Khurd	648	215	863	13	10	3
Bahraich	Nanpara	Ram Nagar Sumera	855	865	1720	13	6	7
Ballia	Ballia	Bahadurpur Kari	106	597	703	13	2	11
Ballia	Bairia	Man Garah	614	644	1258	13	6	7
Ballia	Ballia	Ratshar Kalan	526	1045	1571	13	4	9
Ballia	Ballia	Pipara Kalan	612	1316	1928	13	4	9
Balrampur	Balrampur	Lauki Kalan	436	572	1008	13	6	7
Balrampur	Balrampur	Balrampur(Rural)	8188	678	8866	13	12	1
Banda	Pailani	Khairei	757	711	1468	13	7	6
Banda	Pailani	Chilla	1337	493	1830	13	9	4
Barabanki	Haidergarh	Bija Pur	292	369	661	13	6	7
Barabanki	Ramnagar	Sisaunda	520	397	917	13	7	6
Barabanki	Ramsanchighat	Hakami	603	748	1351	13	6	7
Barabanki *	Nawabganj	Sipahiya	1270	474	1744	13	9	4
Barcilly	Barcilly	Ghur Shamashpur	550	132	682	13	10	3
Barcilly	Faridpur	Nawadavan	694	183	877	13	10	3

Bareilly	Faridpur	Bhagwanpur Phulwa	706	214	920	13	10	3
Bareilly	Meerganj	Mandwa Banshipur	799	358	1157	13	9	4
Bareilly	Aonla	Kasumara	1091	288	1379	13	10	3
Basti	Basti	Khamokhar	439	75	514	13	11	2
Basti	Basti	Etahar	512	58	570	13	12	1
Basti	Basti	Bandhuwa	618	242	860	13	9	4
Basti	Basti	Khrauwajat	948	17	965	13	13	0
Basti	Rudhauri	Rudhauri Kalan	840	258	1098	13	10	3
Basti +	Harraiya	Paikauliya	1179	533	1712	13	9	4
Bijnor	Nagina	Roshanpur Pratap	219	301	520	13	5	8
Bijnor	Nagina	Bawan Sarai	95	558	653	13	2	11
Bijnor	Bijnor	Orangabad Shakoorpur Bila	462	282	744	13	8	5
Bijnor	Chandpur	Tungri	405	388	793	13	7	6
Bijnor	Bijnor	Tal Abpur Qazi	685	469	1154	13	8	5
Bijnor	Dhampur	Kashampur Garhi	979	440	1419	13	9	4
Budaun	Budaun	Bucha Nagla	769	142	911	13	11	2
Budaun	Bili	Sirasaul Patti Seetaram	1056	221	1277	13	11	2
Budaun	Budaun	Ramzanpur	1590	286	1876	13	11	2
Budaun	Budaun	Utarna	2041	306	2347	13	11	2
Bulandshahr	Debai	Jaraina	834	122	956	13	11	2
Bulandshahr	Sikandrabad	Kanakpur Alias Talawpur	831	369	1200	13	9	4
Bulandshahr	Khurja	Devrala	1101	1010	2111	13	7	6
Bulandshahr *	Sikandrabad	Jhajhar	3025	729	3754	13	10	3
Chandauli	Mughalsarai	Mughalsarai (MB) - Ward No.16	400	738	1138	13	5	8
Chandauli	Sakaldiha	Mahuji	1133	446	1579	13	9	4
Chitrakoot	Karwi	Ripurwa Mafi	720	302	1022	13	9	4
Chitrakoot	Manikpur	Unchadeeh	561	1680	2241	13	3	10
Deoria	Salempur	Sajaw	135	463	598	13	3	10
Deoria	Salempur	Bardiha Prsuram	227	503	730	13	4	9
Deoria	Rudrapur	Khoram Khas	369	454	823	13	6	7
Deoria	Deoria	Sahodarpatti	596	720	1316	13	6	7
Deoria	Deoria	Deoria (MB) - Ward No.21	599	1542	2141	13	4	9
Etah	Etah	Arha Pura	1007	230	1237	13	11	2
Etah	Jalesar	Burrakalan	2186	444	2630	13	11	2
Etawah	Takha	Shekhupur Pachar	724	216	940	13	10	3
Etawah	Chakarnagar	Purawali	1291	429	1720	13	10	3
Faizabad	Milkipur	Taksara	591	382	973	13	8	5
Faizabad *	Milkipur	Mahdauna Khas	632	613	1245	13	7	6
Farrukhabad	Amritpur	Ujaramau Navagaon	924	185	1109	13	11	2
Farrukhabad	Farrukhabad	Sitwanpur Pisu	1806	291	2097	13	11	2
Fatehpur	Khaga	Tesahi Bujurg	605	399	1004	13	8	5
Fatehpur	Fatehpur	Kaondar	878	442	1320	13	9	4
Firozabad	Shikohabad	Pathrooa	954	76	1030	13	12	1
Firozabad	Firozabad	Narkhi Talukra	2128	652	2780	13	10	3
Gautam Buddha Nagar	Jewar	Jewar (NP) - No.12 Ward	779	381	1160	13	9	4
Ghaziabad	Ghaziabad	Arthla, Ward no-38	382	858	1240	13	4	9
Ghaziabad	Loni	Madaul	1049	730	1779	13	8	5
Ghaziipur	Zamania	Zamania (MB) - Ward No.23	390	322	712	13	7	6
Ghaziipur	Ghaziipur	Fatehpur Sikandar	444	360	804	13	7	6
Ghaziipur	Zamania	Derhawan	487	493	980	13	6	7
Ghaziipur	Zamania	Baruin Rural	538	654	1192	13	6	7
Ghaziipur*	Mohammadabad	Sarai Bahadur	890	316	1206	13	10	3
Gonda	Gonda	Khargupur Imilia	459	308	767	13	8	5

Gonda	Gonda	Bhraimpur	172	642	814	13	3	10
Gonda	Gonda	Rajapur Parsoura	913	649	1562	13	8	5
Gonda	Gonda	Katha Mafi	1022	816	1838	13	7	6
Gorakhpur	Gorakhpur	Gorakhpur (M Corp.) - Ward	78	463	541	13	2	11
Gorakhpur	Gorakhpur	Maheemath	318	319	637	13	6	7
Gorakhpur	Sahjanwa	Takuwa Pati	277	452	729	13	5	8
Gorakhpur	Gorakhpur	Jangl Belwar	357	400	757	13	6	7
Gorakhpur	Chauri Chaura	Madapar	640	553	1193	13	7	6
Gorakhpur	Chauri Chaura	Jungle Rasoolpur No.2	1079	464	1543	13	9	4
Hamirpur	Rath	Muskura Khurd	786	197	983	13	10	3
Hamirpur *	Sarila	Baroli Kharka	1026	478	1504	13	9	4
Hapur	Garhmukteshwar	Paswada	1022	439	1461	13	9	4
Hardoi	Hardoi	Sihona	437	430	867	13	7	6
Hardoi	Sawayajpur	Kakrauaa	684	292	976	13	9	4
Hardoi	Hardoi	Tatura	1117	962	2079	13	7	6
Hardoi	Sandila	Manghgawn	3375	759	4134	13	11	2
Hathras	Sikandra Rao	Band Abdulhaipur	967	219	1186	13	11	2
Hathras	Sadabad	Madhapithu	1101	406	1507	13	9	4
Jalaun	Konch	Gidhawasa	586	487	1073	13	7	6
Jalaun	Kalpi	Kusmra Bavani	1133	311	1444	13	10	3
Jaunpur	Mariahu	Sarai Bikram	184	404	588	13	4	9
Jaunpur	Shahganj	Kanamau	508	144	652	13	10	3
Jaunpur	Badlapur	Sarai Padari	504	272	776	13	8	5
Jaunpur	Badlapur	Udpur Ghatampur	658	269	927	13	9	4
Jaunpur	Machhlisahr	Gohka	385	616	1001	13	5	8
Jaunpur	Kerakat	Rampur Soiri	259	993	1252	13	3	10
Jhansi	Mauranipur	Dhamna Payak	231	688	919	13	3	10
Jhansi *	Mauranipur	Dhawakar	473	864	1337	13	5	8
Kannauj	Talgram	Talgram Ward NO.9	1173	0	1173	13	13	0
Kannauj	Tirwa	Binorarampur	1750	403	2153	13	11	2
Kanpur Dehat	Bhognipur	Rurgaon	858	423	1281	13	9	4
Kanpur Dehat	Sikandra	Nadhaua	1006	635	1641	13	8	5
Kanpur Nagar	Kanpur	Pratappur Hari	644	243	887	13	9	4
Kanpur Nagar	Kanpur	Atawa	1098	169	1267	13	11	2
Kasganj	Kasganj	Bhamon	1144	124	1268	13	12	1
Kasganj	Kasganj	Jakhaira Maheshpur	1679	337	2016	13	11	2
Kaushambi	Chail	Balipur Tata	504	446	950	13	7	6
Kaushambi	Manjhanpur	Badahari Uparhar	874	463	1337	13	8	5
Kheri	Palia	Najota	536	169	705	13	10	3
Kheri	Palia	Trikeya	766	240	1006	13	10	3
Kheri	Palia	Bada Gaun	1486	582	2068	13	9	4
Kheri	Dhaurahara	Ramlook	2558	1759	4317	13	8	5
Kushi Nagar	Kasya	Taruanwa	213	600	813	13	3	10
Kushi Nagar *	Tamkuhi Raj	Bihar Khurd	618	531	1149	13	7	6
Lalitpur	Lalitpur	Bar Khera	750	409	1159	13	8	5
Lalitpur	Lalitpur	Mahroni Khurd	797	656	1453	13	7	6
Lucknow	Bakshi Ka Talab	Muspihari	413	473	886	13	6	7
Lucknow	Maliabad	Saspan	1616	781	2397	13	9	4
Maharajganj	Maharajganj	Pipara Barhaman Urf Barigaon	508	174	682	13	10	3
Maharajganj	Maharajganj	Rajaura Khurd	605	319	924	13	9	4
Mahoba	Mahoba	Chhani Kalan	535	545	1080	13	6	7
Mahoba	Mahoba	Khanna	619	773	1392	13	6	7
Mainpuri	Mainpuri	Nagla Sauj	886	150	1036	13	11	2

Mainpuri	Bhogaon	Alipur Patti	4049	208	4257	13	12	1
Mathura	Chhata	Kadauna	856	301	1157	13	10	3
Mathura	Chhata	Shahpur Bangar	2215	572	2787	13	10	3
Mau	Ghosi	Machhila Zamin Machhila	642	324	966	13	9	4
Mau	Ghosi	Bhelaur Changeri	551	465	1016	13	7	6
Meerut	Meerut	Ward No.71	1097	146	1243	13	11	2
Meerut	Meerut	Incholi	3638	126	3764	13	13	0
Mirzapur	Chunar	Lathiya Sahjani	363	450	813	13	6	7
Mirzapur	Mirzapur	Anantram Patti	732	308	1040	13	9	4
Mirzapur	Lalgaon	Phuliari	91	1084	1175	13	1	12
Mirzapur *	Chunar	Ramgarh Kalan	178	1477	1655	13	1	12
Moradabad	Moradabad	Moradabad (M Corp.) - Ward No.1	708	319	1027	13	9	4
Moradabad	Moradabad	Moradabad (M Corp.) - Ward	804	352	1156	13	9	4
Muzaffarnagar	Jansath	Bahadurpur Urf Manfora	534	706	1240	13	6	7
Muzaffarnagar	Muzaffarnagar	Budina Kalan	3685	3294	6979	13	7	6
Pilibhit	Bisalpur	Gazipur Kunda	450	360	810	13	7	6
Pilibhit	Bisalpur	Luhichha	1269	1052	2321	13	7	6
Pratapgarh	Kunda	Sarayindrawat	445	355	800	13	7	6
Pratapgarh	Raniganj	Behdaul Khurd	222	657	879	13	3	10
Pratapgarh	Kunda	Mandal Bhaso	639	342	981	13	8	5
Pratapgarh	Kunda	Kushabil Bazar	949	384	1333	13	9	4
Pratapgarh	Kunda	Mohaddi Nagaruparhar	1685	1426	3111	13	7	6
Rae Bareli	Maharajganj	Kairawa	297	478	775	13	5	8
Rae Bareli	Maharajganj	Jaraw Ganj	317	632	949	13	4	9
Rae Bareli	Rae Bareli	Godwara	615	538	1153	13	7	6
Rae Bareli	Dalmau	Ambara Mathai	694	744	1438	13	6	7
Rampur	Rampur	Chikti Ram Nagar	487	391	878	13	7	6
Rampur	Shahabad	Shahpur Dev	837	362	1199	13	9	4
Saharanpur	Deoband	Kukavi	367	263	630	13	8	5
Saharanpur	Saharanpur	Budhakhera Pundir Must	560	384	944	13	8	5
Saharanpur	Nakur	Daidnor	783	914	1697	13	6	7
Saharanpur	Rampur Maniharan	Sona Arjunpur	1014	934	1948	13	7	6
Sambhal	Sambhal	Chandawli	655	533	1188	13	7	6
Sambhal	Chandausi	Akrauli	2671	371	3042	13	11	2
Sant Kabeer Nagar	Khalilabad	Mohammadpur Kathar	465	200	665	13	9	4
Sant Kabeer Nagar	Ghanghata	Chapara Mashraki	974	425	1399	13	9	4
Sant Ravidas Nagar	Gyanpur	Kewatahi	525	322	847	13	8	5
Sant Ravidas Nagar	Gyanpur	Tribhuvan Baragaon	751	317	1068	13	9	4
Shahjahanpur	Tilhar	Sherpur Urf Shergarh	503	102	605	13	11	2
Shahjahanpur	Jalalabad	Shrinager	574	260	834	13	9	4
Shahjahanpur	Jalalabad	Rajepur Raipur	759	97	856	13	12	1
Shahjahanpur	Jalalabad	Pailani Uttar	923	204	1127	13	11	2
Shahjahanpur *	Tilhar	Paharipur Viviyapur	2468	289	2757	13	12	1
Shamli	Shamli	Rasoolpur Gujran	816	789	1605	13	7	6
Shamli	Kairana	Paotikalan	1514	550	2064	13	10	3
Shravasti	Ikauna	Ghorma Parsiya	539	552	1091	13	6	7
Shravasti	Ikauna	Chandrakha Bujurg	1377	682	2059	13	9	4
Siddharth Nagar	Naugarh	Birdpur No.9	350	276	626	13	7	6
Siddharth Nagar	Itwa	Kam Sar	604	103	707	13	11	2
Siddharth Nagar	Shohratgarh	Santora	317	398	715	13	6	7
Siddharth Nagar	Bansi	Pathra Bazar	527	284	811	13	8	5
Siddharth Nagar	Bansi	Gonhatal	506	358	864	13	8	5
Sitapur	Laharpur	Tambaur Khas	377	262	639	13	8	5

Sitapur	Misrikh	Endual Grant	400	387	787	13	7	6
Sitapur	Sitapur	Rasyora	530	375	905	13	8	5
Sitapur	Laharpur	Bareti	986	308	1294	13	10	3
Sitapur	Paintepur	Paintepur (NP) - Ward No.9	640	1014	1654	13	5	8
Sonbhadra	Dudhi	Jam Pani	99	619	718	13	2	11
Sonbhadra	Robertsganj	Shendhuriya	360	591	951	13	5	8
Sonbhadra	Ghorawal	Chatarwar	389	1351	1740	13	3	10
Sonbhadra	Robertsganj	Kuarava	195	2735	2930	13	1	12
Sultanpur	Sultanpur	Aardih	316	302	618	13	7	6
Sultanpur	Jaisinghpur	Surouli	566	470	1036	13	7	6
Sultanpur	Kadipur	Kumhidadiya	576	633	1209	13	6	7
Sultanpur	Sultanpur	Bhandar Parasrampur	1033	1986	3019	13	4	9
Unnao *	Safipur	Mawe Man	503	175	678	13	10	3
Unnao	Hasanganj	Purthiyawan	679	413	1092	13	8	5
Unnao	Unnao	Basdhana	1057	915	1972	13	7	6
Unnao	Hasanganj	Mirjapur Ajganaw	1534	826	2360	13	8	5
Varanasi	Varanasi	Baluabeer	310	560	870	13	5	8
Varanasi	Pindra	Puari Khurd	620	1094	1714	13	5	8
		TOTAL	188364	115534	303898	2860	1715	1145

* Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 207
Reserved Villages 13
Total Samples

2691
169
2860

FMD/SEROSUR/NIVEDI/UTTARAKHAND_34/2023

Stratified Random Sampling:

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 5659

Knowledge level = 0.2

Cluster Level = 0.030

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 110 (+5 Reserved Villages)

Total No of Animals to be Sampled = 1430

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Almora	Chaukhutiya	Kwarali Walli	35	90	125	13	4	9
Almora	Bhikiasian	Okhalyun	48	93	141	13	4	9
Almora	Dhaulichhina	Saluri	85	64	149	13	7	6
Almora	Jalai	Malli Bitholi	84	84	168	13	7	6
Almora	Machhor	Bour Malla	104	67	171	13	8	5
Almora	Almora	Mat	60	127	187	13	4	9
Almora	Bhikiasian	Inda	87	110	197	13	6	7
Almora	Ranikhet	Chaukuni	30	200	230	13	2	11
Almora	Jainti	Tareni	69	165	234	13	4	9
Almora	Jalai	Takulty	91	154	245	13	5	8
Almora	Someshwar	Bajel	52	203	255	13	3	10
Almora	Chaukhutiya	Bhalt Gaon	61	208	269	13	3	10
Almora *	Ranikhet	Mang Chaura	39	244	283	13	2	11
Bageshwar	Garud	Myalde Bhramari	31	92	123	13	3	10
Bageshwar	Kanda	Mana Kabhata	40	94	134	13	4	9
Bageshwar	Kapkot	Cheera Bagar	74	125	199	13	5	8
Bageshwar	Dungnakuri	Pachar	27	175	202	13	2	11
Bageshwar	Shama	Hamti Kapari	33	345	378	13	1	12
Bageshwar	Garud	Lamchula	94	388	482	13	3	10
chamoli	Tharali	Gudam State	84	50	134	13	8	5
chamoli	Nandprayag	Nandprayag (NP) - Muniyaali Ward	16	135	151	13	1	12
chamoli	Tharali	Gumad Laga Gerud	102	131	233	13	6	7
chamoli	Pokhari	Bhikauna	21	234	255	13	1	12
chamoli	Joshimath	Pakhi	5	286	291	13	0	13
chamoli	Narayanbagar	Palchhuni	52	258	310	13	2	11
chamoli	Chamoli	Lwanh	0	367	367	13	0	13
chamoli *	Ghaat	Bhainti	185	946	1131	13	2	11
Champawat	Manch	Malla Kafalta	34	120	154	13	3	10
Champawat	Manch	Aamni	37	153	190	13	3	10
Champawat	Pati	Karauli	13	200	213	13	1	12
Champawat	Champawat	Dudhori	23	314	337	13	1	12
Champawat	Lohaghat	Dungra Bora	169	333	502	13	4	9
Dehradun	Kalsi	Masrad	36	77	113	13	4	9
Dehradun	Chakrata	Lorli	22	199	221	13	1	12
Dehradun	Dehradun	Dehradun (M.Corp) -Kanwali	47	221	268	13	2	11
Dehradun	Tyuni	Kulaha	18	394	412	13	1	12
Dehradun	Vikas Nagar	Pondha	19	407	426	13	1	12
Dehradun	Vikas Nagar	Timli Range	903	463	1366	13	9	4
Dehradun	Rishikesh	Haripur Kalan (CT)	4	1704	1708	13	0	13
Dehradun *	Dehradun	Dehradun (M.Corp) -	0	1884	1884	13	0	13
Haridwar	Piran Kaliyar	Pirankaliyar (NP)-Mukarabpur-I	133	17	150	13	12	1
Haridwar	Bhagwanpur	Balupur	251	148	399	13	8	5
Haridwar	Narsan	Sakauti	237	337	574	13	5	8

Haridwar	Roorkee	Mirazapur Mustafabad	420	225	645	13	8	5
Haridwar	Haridwar	Nasir Pur Kalan	1103	993	2096	13	7	6
Haridwar	Narsan	Khedra Jat	1627	1700	3327	13	6	7
Nainital	Kosya Kuttauli	Pangkatarra	31	91	122	13	3	10
Nainital	Betalghat	Tiwaregaon	63	103	166	13	5	8
Nainital	Dhari	Harinagar Akshora	11	199	210	13	1	12
Nainital	Haldwani	Ramari Ansingh	122	148	270	13	6	7
Nainital	Haldwani Kathgodam	Haldwani-cum Kathgodam	61	224	285	13	3	10
Nainital	Okhalkanda	Hatyari Taal	74	263	337	13	3	10
Nainital	Okhalkanda	Gargari Talli	116	256	372	13	4	9
Nainital	Haldwani	Kalupur Pokharia	199	283	482	13	5	8
Nainital	Dhari	Majuli	209	310	519	13	5	8
Nainital	Kaladhungi	Ginti Gaon	87	435	522	13	2	11
Pauri Garhwal	Yamkeshwar	Timali Bari	2	108	110	13	0	13
Pauri Garhwal	Pauri	Naoli	0	114	114	13	0	13
Pauri Garhwal	Rikhanikhal	Dabrara	19	104	123	13	2	11
Pauri Garhwal	Dhoomakot	Panjara Malla	21	106	127	13	2	11
Pauri Garhwal	Lansdowne	Odal	5	123	128	13	1	12
Pauri Garhwal	Yamkeshwar	Badoli(Choti)	8	130	138	13	1	12
Pauri Garhwal	Lansdowne	Sari Malli	2	153	155	13	0	13
Pauri Garhwal	Bironkhal	Sisayee	42	115	157	13	3	10
Pauri Garhwal	Satpuli	Haluni	0	158	158	13	0	13
Pauri Garhwal	Satpuli	Mallethi	0	176	176	13	0	13
Pauri Garhwal	Rikhanikhal	Amdar Gaon	0	179	179	13	0	13
Pauri Garhwal	Yamkeshwar	Thunda	3	187	190	13	0	13
Pauri Garhwal	Swargashram Jonk	Swargashram (NP) -Swargashram	0	216	216	13	0	13
Pauri Garhwal	Kotdwara	Jorasitali	4	213	217	13	0	13
Pauri Garhwal	Pauri	Gadka Margaon	1	225	226	13	0	13
Pauri Garhwal	Kotdwara	Amsaur	0	233	233	13	0	13
Pauri Garhwal	Chaubatta	Basoti	10	236	246	13	1	12
Pauri Garhwal	Kotdwara	Kotdwara (M.Corp) -	0	286	286	13	0	13
Pauri Garhwal	Pauri	Pauri (MB) - Chwincha	25	285	310	13	1	12
Pauri Garhwal	Chakisain	Antakholi	226	127	353	13	8	5
Pithoragarh	Devalthal	Bhadrika	23	88	111	13	3	10
Pithoragarh *	Didihat	Atal Gaon	52	110	162	13	4	9
Pithoragarh	Gangolihat	Gangolihat (NP) - Punauli Ward No.	7	155	162	13	1	12
Pithoragarh	Pithoragarh	Galant	77	98	175	13	6	7
Pithoragarh	nagar panchayat berinag	Berinaag(NP) - Lakshmi Nagar	42	156	198	13	3	10
Pithoragarh	Pithoragarh	Pithoragarh Aaincholi (MB) -	2	237	239	13	0	13
Pithoragarh	Tejam	Girgaon	32	239	271	13	2	11
Pithoragarh	Pithoragarh	Muna Kote	10	273	283	13	0	13
Pithoragarh	Dharchula	Umachiya	18	301	319	13	1	12
Pithoragarh	Dharchula	Garguwa	61	795	856	13	1	12
Rudraprayag	Rudraprayag	Kaphna	110	48	158	13	9	4
Rudraprayag	Rudraprayag	Rumsi	122	194	316	13	5	8
Rudraprayag	Basukedar	Phalai	84	233	317	13	3	10
Rudraprayag	Ukhimath	Ukhimath (NP) - Onkareshwer Ward	59	350	409	13	2	11
Rudraprayag	Rudraprayag	Dugra Chipad Kot	86	394	480	13	2	11
Tehri Garhwal	Devprayag	Danara	20	89	109	13	2	11
Tehri Garhwal	Pratapnagar	Bausari	25	104	129	13	3	10
Tehri Garhwal	Kandisaur	Jhakogi Kilwano Ki	82	78	160	13	7	6
Tehri Garhwal	Kirtinagar	Jakhi	113	54	167	13	9	4
Tehri Garhwal	Dhanaulti	Mundani	54	117	171	13	4	9

Tehri Garhwal	Pratapnagar	Mukhem Range	40	142	182	13	3	10
Tehri Garhwal	Jakhani Dhar	Koti Chhirpaliyo Ki	182	33	215	13	11	2
Tehri Garhwal	Dhanaulti	Bangsil	24	227	251	13	1	12
Tehri Garhwal *	CHAMIYALA	Chamiyala(NP) - Chamiyala Gaon	181	75	256	13	9	4
Tehri Garhwal	Balganga	Tisrara	28	245	273	13	1	12
Tehri Garhwal	Dhanaulti	Banda Lagga Bait	58	221	279	13	3	10
Tehri Garhwal	Pratapnagar	Kordi	170	155	325	13	7	6
Udham Singh Nagar	Khatima	Sarada Sagar Jhau Parasa	32	137	169	13	2	11
Udham Singh Nagar	Kashipur	Gangapur Gosain	96	216	312	13	4	9
Udham Singh Nagar	Nanakmatta	Bharauni	195	202	397	13	6	7
Udham Singh Nagar	Bajpur	Tanda Amichand	262	186	448	13	8	5
Udham Singh Nagar	Jaspur	Durgapur	247	325	572	13	6	7
Udham Singh Nagar	Bajpur	Namoonaa	448	283	731	13	8	5
Udham Singh Nagar	Khatima	Banusi	476	462	938	13	7	6
Uttarkashi	Mori	Ramal Gaon	1	159	160	13	0	13
Uttarkashi	Bhatwari	Pahi	10	233	243	13	1	12
Uttarkashi	Puraula	Dhakaraa	7	278	285	13	0	13
Uttarkashi	Chinyalisaur	Chiloth	163	159	322	13	7	6
Uttarkashi	Mori	Devjani	98	497	595	13	2	11
		TOTAL	11843	29458	41301	1495	382	1113

* Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population
f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 110
Reserved Villages 5
Total Samples

1430
65
1495

FMD/SEROSUR/NIVEDI/West Bengal_35/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 20167

Knowledge level = 0.2

Cluster Level = 0.057

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 57 (+1 Reserved Villages)

Total No of Animals to be Sampled = 741

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Buffalo + Cattle Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
24 Paraganas North	Naihati	Naihati (M) - Ward No.1	0	317	317	13	0	13
24 Paraganas North	Hasnabad	Makhalgachha	0	652	652	13	0	13
24 Paraganas North	Habra - I	Anarbaria (Ct)	0	1379	1379	13	0	13
24 Paraganas South	Bhangar - li	Koch Pukur	0	335	335	13	0	13
24 Paraganas South	Basanti	Sibganj	0	594	594	13	0	13
24 Paraganas South	Basanti	Hogalduri	0	1093	1093	13	0	13
24 Paraganas South	Canning - li	Daharani	0	1491	1491	13	0	13
Alipurduar	Kumargram	Kartika Tea Garden	0	1783	1783	13	0	13
Bankura	Gangajalghati	Lakhyara	26	311	337	13	1	12
Bankura	Taldangra	Keshatara	0	571	571	13	0	13
Bankura	Khatra	Buri Sahar	0	579	579	13	0	13
Bankura	Taldangra	Mahulbera	84	935	1019	13	1	12
Bankura	Indus	Uttar Khanda	0	1129	1129	13	0	13
Bardhaman	Mangolkote	Sanri	182	714	896	13	3	10
Bardhaman	Raina - li	Arui	6	1543	1549	13	0	13
Birbhum	Labpur	Mahodari	0	425	425	13	0	13
Birbhum	Nalhati - li	Bhadarpur	54	865	919	13	1	12
Coochbehar	Haldibari	Pran Majumder	2	724	726	13	0	13
Coochbehar	Cooch Behar - li	Kaljani	2	2878	2880	13	0	13
Darjeeling	Matigara	Lachka	1	340	341	13	0	13
Darjeeling	Matigara	Mohorgon Tea Garden	0	874	874	13	0	13
Dinajpur Dakshin	Hilli	Domran	0	363	363	13	0	13
Dinajpur Dakshin	Gangarampur	Gangarampur (M) - Ward No.11	0	696	696	13	0	13
Dinajpur Uttar	Goalpokhar - li	Purbba Kamarshal	8	572	580	13	0	13
Dinajpur Uttar	Raiganj	Pachim Mahadebpur	0	858	858	13	0	13
Hooghly	Chanditala - li	Naiti (Ct)	0	379	379	13	0	13
Hooghly	Haripal	Paschim Joykrishnapur	0	1103	1103	13	0	13
Howrah	Amta - li	Jhikhira	0	356	356	13	0	13
Howrah	Shyampur - I	Bhagawanpur	0	654	654	13	0	13
Jalpaiguri	Mal	Sisubari Tea Garden	0	1487	1487	13	0	13
Jhargram	Binpur - I	Chapitola	47	180	227	13	3	10
Jhargram	Nayagram	Jhara Bani	6	269	275	13	0	13
Jhargram	Nayagram	Baratalpada	50	420	470	13	1	12
Jhargram	Binpur - li	Kanimahuli	24	574	598	13	1	12
KALIMPONG	Gorubathan	Kumai Forest	4	659	663	13	0	13
Maldah	Bamangola	Jethrail	0	579	579	13	0	13
Maldah	Habibpur	Jagajjibanpur	31	1432	1463	13	0	13
Medinipur East	Nandigram - I	Moujbrindabanpur	0	244	244	13	0	13
Medinipur East*	Contai - Iii	Shibpur Betalya	0	323	323	13	0	13
Medinipur East	Potashpur - I	Chistipur Bheri	0	517	517	13	0	13
Medinipur East	Potashpur - I	Bar Shankar	0	790	790	13	0	13
Medinipur East	Potashpur - li	Bara Konyarda	0	1464	1464	13	0	13
Medinipur West	Daspur - I	Majilishpur	0	134	134	13	0	13

Medinipur West	Daspur - Ii	Panch Gechhia Part- I	0	266	266	13	0	13
Medinipur West	Salbani	Rupaipur	30	307	337	13	1	12
Medinipur West	Ghatal	Nirmalbazar	0	341	341	13	0	13
Medinipur West	Kharagpur - I	Khelar	6	549	555	13	0	13
Medinipur West	Daspur - Ii	Benai	0	633	633	13	0	13
Medinipur West	Narayangarh	Tarua	0	656	656	13	0	13
Murshidabad	Khargram	Thira	10	735	745	13	0	13
Murshidabad	Jalangi	Bara Bil Raghunathpur	68	2609	2677	13	0	13
Nadia	Hanskhali	Kalipara	0	512	512	13	0	13
Nadia	Kaliganj	Matiari (Ct)	0	913	913	13	0	13
PASCHIM BARDHAMAN	Barabani	Panuria (Ct)	28	750	778	13	0	13
Purulia	Manbazar - Ii	Hatiramgora	4	216	220	13	0	13
Purulia	Kashipur	Jekro Alias Panchagora	76	349	425	13	2	11
Purulia	Raghunathpur - Ii	Nildi	0	658	658	13	0	13
Purulia	Para	Parbahal	2	834	836	13	0	13
		TOTAL	751	43913	44664	754	14	740

* Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

a: District Name
b: Block Name
c: Village Name
d: Buffalo Population
e: Cattle Population

f: Buffalo + Cattle Population
g : Number of units to be sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 57
Reserved Villages 1
Total Samples

741
13
754

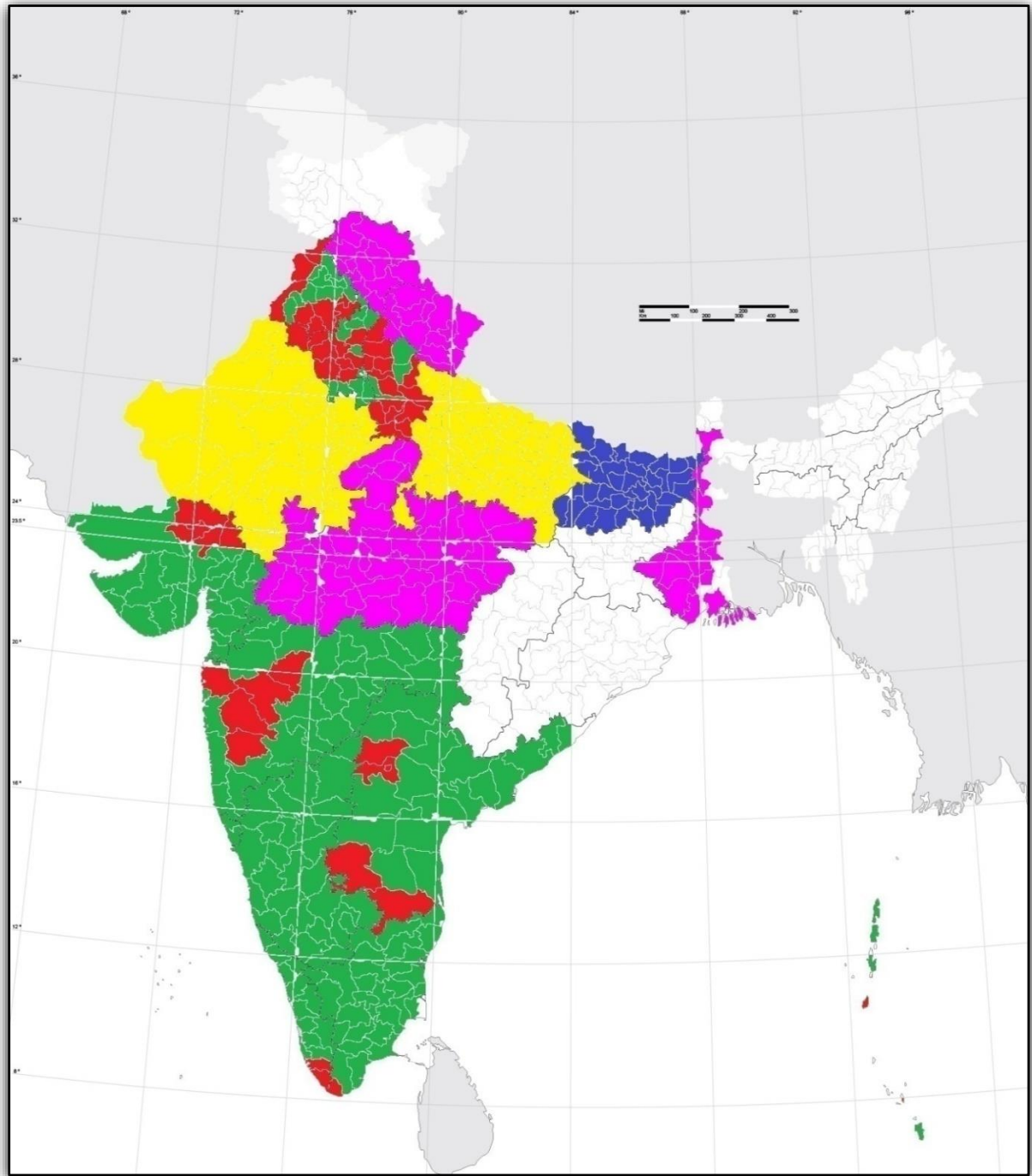


Fig. Phases of FMD Control Program. **Phase I:** 54 districts were covered since the year 2004 (filled Red). **Phase II:** 167 districts were covered since the year 2011(filled Green).**Phase III:** 110 districts were covered since the year 2014 (filled Yellow). **Phase IV:** 38 districts were covered since the year 2015 (filled Blue). **Phase V:** 91 districts were covered since the year 2016 (filled Pink). **Phase VI:** 308 districts were covered since the year 2018 (filled white).