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Sampling Plan for Seromonitoring of FMD in India under Livestock Health and Disease Control Programme Round – IV (2023)



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

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Senior Research Fellow

Control of Foot & Mouth Disease (FMD) and Brucellosis

Outlay of Rs. 13,343 crore to fully control diseases amongst livestock in next 5 years

Vaccination coverage to 30 crore bovines, 20 crore sheep/goat, & 1 crore pigs at intervals of 6 months to treat FMD diseases

100% vaccination coverage to 3.6 crore calves under Brucellosis programme

Provide relief to crores of livestock rearing farmers across the country

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Foreword

Foot and Mouth Disease (FMD) is a widespread animal disease that affects cloven-hoofed farm animals and a variety of wild animals. High fever, salivation, vesicle formation in the mouth and foot, and lameness are all symptoms of FMD. Although the disease does not normally cause substantial mortality in adult animals, it does have devastating effects on them, such as weight loss, decreased milk output, and loss of draught power, resulting in a significant loss of productivity for a period of time. In India, three serotypes (O, A, and Asia1) are now common.

Livestock is a significant sub-sector of Indian agriculture that offers numerous options for self-employment. In India, the yearly direct loss due to FMD is estimated to be Rs. 20,000 crore (about 3.5 billion USD), with indirect losses due to trade barriers potentially considerably higher. Given the severity of the disease, India's FMD Control Program (FMD-CP) was initiated in 2003-04 in 54 districts across eight states, involving 30 million cattle and buffaloes, with the goal of creating FMD-free zones and subsequently expanding these zones to cover the entire country (as per Progressive Control Pathway of FAO). Under the scheme, all cattle and buffaloes must be vaccinated against FMD on a six-monthly basis with an inactivated trivalent FMD vaccine.

In September 2019, the Hon'ble Prime Minister launched the Livestock Health and Disease Control Programme (LHDCP), a flagship scheme to control FMD and Brucellosis by vaccinating 100% of cattle, buffalo, sheep, goat, and pig populations for FMD and 100% of bovine female calves 4-8 months of age for brucellosis. The LHDCP's main goal is to control FMD via immunisation by 2025 and eradicate it by 2030. This will lead to higher domestic output and, as a result, increased milk and livestock exports. LHDCP for FMD and Brucellosis is a Central Sector Scheme in which the Central Government will provide 100% of money to the States / UTs.

The use of post-vaccination Seromonitoring (PVM) to track the progress of the FMD control programme is critical. During 2022, round 3 of FMD vaccination is carried out throughout the country. To conduct PVM, the serum samples collected before and 21 to 30 days after vaccination will be tested to measure protective antibody response. Given the country's vast livestock resources, a two-stage sampling approach is critical for the systematic collecting of representative samples and subsequent laboratory testing. The sampling plan outlined in this bulletin serves as a reference for collecting samples from around the country for testing for FMD vaccine-induced antibody responses under the LHDCP. I would like to express my gratitude to the Directors, Scientists of ICAR-NIVEDI, and ICAR-NIFMD for taking the effort to develop this important bulletin for use in the country's FMDCP.

ACKNOWLEDGEMENTS

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It is to place on record our acknowledgement to Deputy Director General (Animal Science) for his valuable suggestions and moral support in bringing out this bulletin.

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Sampling Plan for Sero-monitoring of FMD in India under Livestock Health and Disease Control Programme Round- IV

Introduction

Foot and mouth disease (FMD) is a highly contagious viral infection that can have serious socioeconomic consequences wherever it is found. FMD is a significant livestock disease in India, with three of the seven FMD virus serotypes (O, A, and Asia 1) being prevalent. The most important requirements in the fight against FMD are vaccination, along with zoo-sanitary measures and restrictions on animal mobility. Since 2004, the government-sponsored vaccination-based FMD control programme has gradually expanded to cover the entire country, beginning with 54 districts in 2004 and gradually expanding to cover the entire country in 2018-19.

Post-vaccination monitoring (PVM) is required for countries pursuing a vaccine-based FMD control policy to assess the effectiveness of vaccination regimens and programmes. It is also an important component of the FMD surveillance programme. Furthermore, countries seeking official certification by the World Organization for Animal Health (OIE) of supported national control programmes or national or zonal FMD vaccination freedom must conduct post-vaccination sero-monitoring (PCP-FMD stages 3 and beyond). Because a variety of factors can influence the efficacy of FMD vaccination, the programmes must be carefully monitored to identify flaws and ensure long-term disease control. Demonstrating the influence of vaccination programmes on disease burden helps to justify vaccination costs while identifying flaws in the immunization programme that allow for programme changes. The heart of PVM is estimating the immunity of the population targeted for vaccination protection, as this is a significant indicator of how well vaccination was carried out and whether or not infection protection is likely. Protective antibody responses elicited by vaccination can be measured by serological tests that detect antibodies directed against viral structural proteins (SP tests). (Foot and Mouth Disease Vaccination and post-vaccination monitoring guidelines, Editor Samia Metwally & Susanne Münstermann, Published by FAO and OIE, 2016)

Sero-monitoring under LHDCP

Livestock Health and Disease Control Programme (LHDCP), a 5-year project has been launched by GoI. The programme aims to control livestock diseases, FMD and Brucellosis by 2025 and eradicate these by 2030. The entire cost of the scheme is to be borne out by the Central Government. Under LHDCP, bi-annual vaccinations, of all eligible cattle and buffaloes with a trivalent vaccine containing serotypes O, A, and Asia1 are practiced for protection against FMD. ICAR-NIFMD and its 28 state FMD regional and collaborating centers are assigned with the estimation of the level of serotype-specific antibodies to the structural proteins in the serum samples collected at 0 days and 21 to 30 days' post-vaccination by the respective state AH departments. Various serological tests such as Solid-phase competition enzyme-linked immunosorbent assay (SPCE), liquid-phase blocking ELISA (LPBE), and the virus neutralization test (VNT) have been recommended by the OIE for SP antibody screening. Among these, VNT is time-consuming and labour-intensive and for this reason, ELISAs are the preferred tests in many countries. In India, Solid phase competitive ELISA (SPCE) in four dilution format developed by NIFMD Zhas been adopted and approved by DAHD for the seromonitoring activity under FMDCP. The SPCE is suitable for mass serology and is routinely used in World Reference Laboratory (WRL) on FMD, Pirbright, UK. Further, the specificity of the SPCE was reported by many research publications to be considerably higher than that of the LPBE and almost equivalent to that of the virus neutralization test. It is easier to use, more robust, and specific, and therefore offers an improvement for FMD virus-specific antibody detection.

SPCE Interpretation

Principle

In this assay, to the FMDV-antigen captured plate (*Solid phase*), serial two-fold dilutions of test sera and optimal concentration of homologous serum (raised in guinea pig) are added simultaneously. The FMDV-antigen is blocked by the antibodies (*against the structural protein of FMDV*), if present, in the test serum and restricts the binding of homologous guinea pig serum. Subsequently, the antibody inhibition is traced by adding pre-titrated anti-guinea pig-HRPO conjugate and substrate reaction is followed as in the case of a standard ELISA (Fig 3). The colour reaction is stopped and measured in terms of optical density (OD) at 492 nm wavelength with reference to 620 nm. Six wells were used as antigen controls (0% inhibition; C0) and two wells were used as conjugate control (Cc) without any antigen to determine the background reactivity.

The OD₄₉₂ values of the test samples are expressed as a percentage of inhibition relative to the OD₄₉₂ value of antigen controls (C₀). The titre of serum samples is expressed as the reciprocal of the serum dilution giving 65% Optical Density (OD) as compared to the antigen controls. In other words, the reciprocal of the serum dilution inhibits 35% (Percent Inhibition) of the binding of anti-FMDV guinea-pig serum to the homologous virus. The formula is given below.

Percentage of Inhibition (PI) =

$$100 - \left\{ \frac{\text{Mean OD of sample}-\text{Mean OD of } C_c}{\text{Mean OD of } C_0 - \text{Mean OD of } C_c} \times 100 \right\}$$

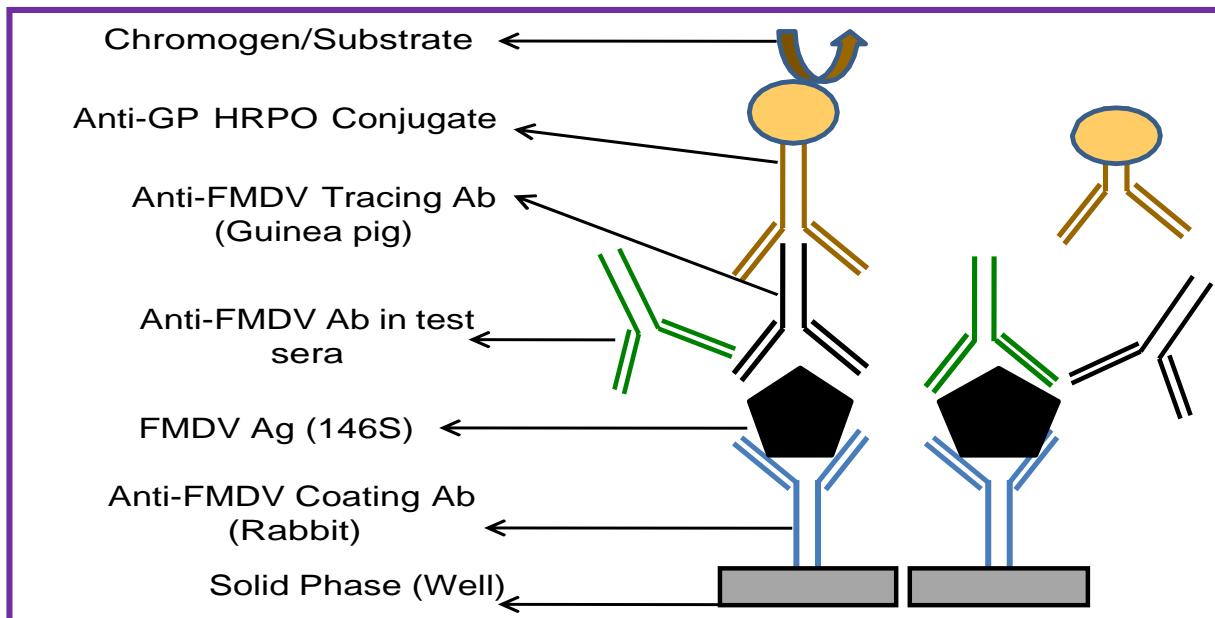


Fig 1. Schematic representation of Solid Phase Competitive ELISA for detection of anti-FMDV antibodies against the structural protein

Validation Criteria

The test is considered valid, if The median O.D₄₉₂ of antigen control wells (C₀) >0.8 and The mean O.D.₄₉₂ of conjugate control wells (Cc) is not more than >0.1.

The threshold for interpretation of protective antibody level

- Protective antibody level is expressed as \log_{10} titer and antibody titer of **≥ 1.65** is considered as the protective level.
- Note: Please use the software provided by ICAR-NIFMD for the calculation of protective titre

The sampling Strategy followed for PVM

In India, districts are divided into talukas or blocks, which are then subdivided into villages. Villages are regarded as a single epidemiological entity (epi-unit). Until 2019, a two-stage random sampling approach was used for PVM investigations. In the first stage, a randomization calculator was used to select 10 villages in each district, ensuring that each taluka was represented for sampling. In the second stage, a simple random sample procedure was used to pick 20 bovines (over 24 months of age) from each village for sampling (before and after the vaccine). Using a randomized calculator, the entire sample collection process (pre-vaccination and post-vaccine sampling) was repeated during each round of vaccination. It is crucial to note, however, that the villages in each district were rotated to collect pre- and post-vaccination serum samples throughout each round of vaccination.

The above post-vaccination sampling approach was created to determine the vaccine's and immunization program's efficacy. However, specialists from the OIE FMD Mission in India believe that, in order to present a clear picture of population immunity, the sampling approach should be changed in accordance with OIE guidelines. In response to the advice, ICAR-NIVEDI has been developing a new post-vaccination sero-monitoring sampling technique in conjunction with ICAR-NIFMD since 2020. The current document is for LHDCP round 4 samplings.

Salient points considered while formulating sero-monitoring documents

While formulating the sampling plan for the sero-monitoring following recommendations provided in the OIE & FAO FMD vaccination and sero-monitoring guidelines were adopted. Therefore, sampling at two different points in time (0 days, ie., at the time of vaccination) and again after 21 days post-vaccination to assess the changes in population immunity at the animal level (for PCP stages 2 & 3), at different age groups. Below each state-wise sampling plan table, the number of samples to be drawn from different groups per village (Epi Unit) is given and it is suggested that the state animal husbandry departments should strictly adhere to the sampling SOP provided.

Two-stage sampling plan for PVM

All form of epidemiological investigations requires a scientific sampling plan for the collection of data on health problems including serum samples in surveillance or monitoring in a specific population. Estimation of the frequency of disease is a prerequisite to establishing the disease control program, hence sampling the populations in order to estimate the disease frequency is a common task for epidemiologists. In sampling, we ensure that animals are typical of the target population and that the estimate of disease frequency is unbiased and precise (low standard error). Simple random sampling and systematic or stratified random samplings are the most commonly used sampling methods in which an animal is a sampling unit, providing precise estimates of disease frequency.

The use of two-stage sampling has evolved to meet surveillance or monitoring objectives for two reasons. First, the list of frames of animals for randomized sample selection does not typically exist at a regional or national level, but list frames of herds or villages can be developed and maintained more readily.

The objectives of sero-monitoring of FMD in India

1. To provide the Sampling Scheme for estimation of the total number of animals to be sampled, the total number of villages (epi units) to be selected, the number of animals within the village to be sampled, and the location of villages for pre-seromonitoring of FMD in India.
2. To use the same sampling scheme for post-vaccination monitoring to estimate the unbiased and robust estimate of protection levels of FMD in India.
3. In this scheme, we employed stratified random sampling with the district as a stratification variable for buffalo and cattle populations in different states. The input requirements of the sampling plan were (1). animal level prevalence of un-protection ($1 - P(\text{protection})$) is 20% is used as the median value of un-protection levels across the different age groups of animals, (2) cluster or village level prevalence to adjust for the state level population, so that herd level prevalence is proportion to the proportion of the population, and capturing the variation arising out of this and (3) sensitivity of 90% and specificity of 100% of diagnostic tests. (4) Accounting for a state-wise percentage of protective levels of monitoring status of previous rounds. Two-stage stratified random sampling plan was generated at 95% confidence using an in-house developed epi-calculator (https://nivedi.res.in/Nadres_v2/Erical,stratified/random_sampling.php). The Sampling plan will provide the guidelines for selecting villages and its location like block, district, and state level information along with livestock population, number of

animals to be sampled within a village, and proportion of buffaloes and cattle to be sampled in each selected village. The summary of the sampling plan generated using two-stage stratified random sampling scheme during the last two rounds is presented in Table 1.

Table 1: Summary of Sampling Plan using two-stage stratified random sampling technique for Sero-monitoring of FMD in India.

State	Round 1			Round 2			Round 3			Round 4		
	No of the Animals sampled	Average No of Samples Per District	Percentage of animals sampled per State	No of the Animals sampled	Average No of Samples Per District	Percentage of animals sampled per State	No of the Animals sampled	Average No of Samples Per District	Percentage of animals sampled per State	No of the Animals sampled	Average No of Samples Per District	Percentage of animals sampled per State
ANDAMAN & NICOBAR	1430	477	3.56	1352	451	3.37	1247	416	3.11	804	66	
ANDHRA PRADESH	2145	165	0.02	2145	165	0.02	2145	165	0.02	2145	165	
ARUNACHAL PRADESH	1430	84	0.41	1354	68	0.39	1430	72	0.41	975	75	
ASSAM	2145	65	0.02	2145	65	0.02	2145	65	0.02	1781	137	
BIHAR	4316	114	0.02	4316	114	0.02	4316	114	0.02	2145	165	
CHANDIGARH			0.00	196	196	0.77	196	196	0.77	154	14	
CHHATTISGARH	2145	79	0.02	2145	79	0.02	2145	79	0.02	975	75	
DADAR & NAGAR HAVELI DIU & DAMAN	-	-	-	196	65	0.46	196	98	0.46	272	22	
DELHI				492	45	0.17	492	45	0.17	671	51	
GOA	1430	710	1.64	1419	710	1.62	1420	710	1.62	686	54	
GUJARAT	2145	65	0.01	2145	65	0.01	2145	65	0.01	2145	165	
HARYANA	2145	98	0.03	2145	98	0.03	2145	98	0.03	1716	132	
HIMACHAL PRADESH	1430	119	0.06	1430	119	0.06	1430	119	0.06	1430	110	

JAMMU & KASHMIR	1430	72	0.05	1430	72	0.05	1430	65	0.05	1066	82	
JHARKHAND	2145	89	0.02	2145	89	0.02	2145	89	0.02	1430	110	
KARNATAKA	2145	72	0.02	2145	72	0.02	2145	72	0.02	1794	138	
KERALA	2145	153	0.15	2145	153	0.15	2145	153	0.15	2145	165	
LADAKH	-	-	-	72	36	0.09	72	36	0.09	1066	82	
MADHYA PRADESH	4316	85	0.01	4316	85	0.01	4316	85	0.01	2392	184	
MAHARASHTRA	4316	123	0.02	4316	123	0.02	4316	123	0.02	2691	207	
MANIPUR	1430	159	0.55	1430	159	0.55	1430	159	0.55	702	54	
MEGHALAYA	1430	130	0.16	1430	130	0.16	1430	130	0.16	1066	82	
MIZORAM	1356	170	2.84	1356	170	2.84	1264	158	2.64	687	54	
NAGALAND	1347	122	1.43	1347	122	1.43	1284	117	1.37	655	54	
ODISHA	2145	72	0.02	2145	72	0.02	2145	72	0.02	1066	82	
PUDUCHERRY	1066	252	1.43	1008	252	1.36	1031	267	1.43	663	54	
PUNJAB	2145	98	0.03	2145	98	0.03	2145	98	0.03	1794	138	
RAJASTHAN	4316	131	0.02	4316	131	0.02	4316	131	0.02	2691	207	
SIKKIM	1430	358	0.96	1430	358	0.96	1430	358	0.96	701	54	
TAMIL NADU	2145	67	0.29	2145	67	0.29	2145	45	0.29	1950	150	
TELANGANA	2145	69	0.03	2145	69	0.03	2145	67	0.03	1716	132	
TRIPURA	1430	179	0.01	1430	179	0.01	1430	268	0.02	1066	82	
UTTARAKHAND	1430	110	0.05	1430	110	0.05	1430	102	0.05	1716	132	
UTTAR PRADESH	4316	105	0.01	7852	105	0.02	7852	105	0.02	2262	174	
WEST BENGAL	2145	98	0.01	2145	98	0.01	2145	98	0.01	1911	147	

Total	67534	98		71901	102		71741	101		49129	108	
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Note: The proportion of samples collected from each village need to be distributed among three age categories viz; 6-12 months, 13-24 months and >24 months at a ratio of 5:4:1s

Collection and transport of serum samples

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 internally threaded)
- 2ml, 5ml pipettes or 1ml micropipette and 1 ml sterile pipette tips.
- Ice Buckets
- Laminar Flow cabinet

Procedure

- Serum should be collected using a sterile needle and syringe
- At least 2 ml of serum should be submitted to the testing laboratory and for that 4-8 ml whole blood needs to be collected without anticoagulant.
 - The blood is usually collected from the jugular vein
 - After collection, the sample should be allowed to stand in a cool area, out of direct sunlight for at least 15 minutes to allow clot formation
 - Serum should be separated before submission to the laboratory.
 - The sample should be centrifuged or, if this is not available, stand the sample in an upright position overnight in a cool box or refrigerator
 - Place serum into a plain, sterile tube and send to the laboratory under cool condition
 - If dispatch to a laboratory is delayed, serum samples should be frozen and stored at -20 °C
 - Samples should be accompanied by a proper epidemiological datasheet

Serum Shipping Instructions

- Use at least a 1-inch thick walled thermocol box for shipping of serum
- The serum samples should be preferably shipped in dry ice, if not add a sufficient number of ice packs that were earlier stored -80°C. If ice packs are used for shipping, ensure that samples are placed within a layer of ice packs.
- Kindly ensure that there is no leakage during shipment. To do this it is wise to keep the vials in a cryo box and ship them.
- 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 in **excel** as provided below (the standard proforma is available with state FMD laboratories and also may be obtained from ICAR-NIFMD)

Please Contact us for any clarification on SOP and Sampling plan issues:

For any clarification on SOP and Sampling plan issues, Please Contact:

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Histry sheet profoma:

FMD/SEROMON/NIVEDI/ROUND-IV/Andaman And Nicobar Islands_1/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 184

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.04

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 66

Total No of Animals to be Sampled = 804

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)
North And Middle Andaman	Rangat	Rajatgarh (Efa)	10	3	13	9	7	2
North And Middle Andaman	Mayabunder	Khukari Tabla (Efa)	5	11	16	10	3	7
North And Middle Andaman	Mayabunder	Buddha Nallaha (Efa)	24	0	24	11	11	0
North And Middle Andaman	Rangat	Bolcha (Efa)	30	3	33	11	10	1
North And Middle Andaman	Diglipur	Laxmipur (Efa)	0	35	35	11	0	11
North And Middle Andaman	Rangat	Raglachang (Nayadera) (Fc)	0	36	36	11	0	11
North And Middle Andaman	Rangat	Padmanabhapuram (Rv)	2	36	38	12	1	11
North And Middle Andaman	Rangat	Gol Pahar (Efa)	4	35	39	12	1	11
North And Middle Andaman	Mayabunder	Chuglum Gum (Efa)	0	58	58	12	0	12
North And Middle Andaman	Rangat	Foster Valley (Efa)	0	61	61	12	0	12
North And Middle Andaman	Rangat	Abaygarh (Rv)	49	14	63	12	9	3
North And Middle Andaman	Diglipur	Borang (Rv)	2	63	65	12	0	12
North And Middle Andaman	Diglipur	Santi Nagar	0	67	67	12	0	12
North And Middle Andaman	Rangat	Lorrojig (Fc) & Vishnu Nallaha	0	71	71	12	0	12
North And Middle Andaman	Rangat	Khatta Khari (Rv)	70	6	76	12	11	1
North And Middle Andaman	Rangat	MacCarthy (Efa) Valley	21	57	78	12	3	9
North And Middle Andaman	Rangat	Udhaygarh (Rv)	71	12	83	12	10	2
North And Middle Andaman	Diglipur	Hoari Bay (Efa)	0	83	83	12	0	12
North And Middle Andaman	Rangat	Bakultala Part I	0	83	83	12	0	12
North And Middle Andaman	Rangat	Dharmapur (Rv)	0	93	93	13	0	13
North And Middle Andaman	Diglipur	Austin Ii (Efa)	6	89	95	13	1	12
North And Middle Andaman	Diglipur	Ganna Dabla (Efa)	12	90	102	13	2	11
North And Middle Andaman	Diglipur	Sagar Dweep (Rv)	0	105	105	13	0	13
North And Middle Andaman	Mayabunder	Pahalgaoon (Rv)	2	105	107	13	0	13
North And Middle Andaman	Mayabunder	Pokadera (Rv)	14	93	107	13	2	11
North And Middle Andaman	Diglipur	Kalipur (Rv)	9	108	117	13	1	12
North And Middle Andaman	Rangat	Santanu (Rv)	4	119	123	13	0	13
North And Middle Andaman	Rangat	Sakrigarh (Rv)	0	133	133	13	0	13
North And Middle Andaman	Rangat	Parnasala (Rv)	0	165	165	13	0	13
North And Middle Andaman	Diglipur	Haran Nallaha (Efa)	52	114	166	13	4	9
North And Middle Andaman	Diglipur	Laxmipur (Rv)	12	211	223	13	1	12
North And Middle Andaman	Mayabunder	Karmatang (Rv)	43	193	236	13	2	11
North And Middle Andaman	Diglipur	Subhashgram (Rv)	0	265	265	13	0	13
North And Middle Andaman	Rangat	Adojig (Rv) (Including Efa)	213	88	301	13	9	4
North And Middle Andaman	Mayabunder	Hanspuri (Rv) (Including Jpp)	197	129	326	13	8	5
North And Middle Andaman	Diglipur	Nabagram (Rv)	14	424	438	13	0	13
South Andamans	Port Blair	Port Blair (M Cl) - Ward No.10	0	19	19	10	0	10
South Andamans	Ferrargunj	Jhinga Nallaha (Jppc & Apwdc)	0	22	22	10	0	10
South Andamans	Ferrargunj	Mile Tilek (Jppc)	0	26	26	11	0	11
South Andamans	Ferrargunj	Shoal Bay 19 (Fc)	20	22	42	12	6	6
South Andamans	Ferrargunj	Muslim Basti (Rv)	0	44	44	12	0	12
South Andamans	Port Blair	Port Blair (M Cl) - Ward No.9	0	44	44	12	0	12

South Andamans	Port Blair	Port Blair (M CI)-Ward No. 23	24	53	77	12	4	8
South Andamans	Port Blair	Port Blair (M CI)-Ward No. 22	0	81	81	12	0	12
South Andamans	Port Blair	Bamboo Nullaha(Efa) Incl. Kichad	6	85	91	13	1	12
South Andamans	Ferrargunj	Dundas Point (Rv)	0	94	94	13	0	13
South Andamans	Port Blair	Bada Nullaha/Bada Balu (Efa)	0	102	102	13	0	13
South Andamans	Ferrargunj	Maymyo (Efa)	0	142	142	13	0	13
South Andamans	Ferrargunj	Ograbraj (Rv)	27	124	151	13	2	11
South Andamans	Ferrargunj	Hashmatabad (Rv)	0	159	159	13	0	13
South Andamans	Ferrargunj	Nayashahar (Rv)	0	170	170	13	0	13
South Andamans	Port Blair	Port Blair (M CI) - Ward No.17	3	187	190	13	0	13
South Andamans	Ferrargunj	Manjeri (Rv) & Line Dera (Fc)	0	195	195	13	0	13
South Andamans	Port Blair	Port Blair (M CI)-Ward No. 21	8	200	208	13	0	13
South Andamans	Little Andaman	Rabindra Nagar (Rv)	0	209	209	13	0	13
South Andamans	Little Andaman	Vivekanandapuram (Rv)	0	224	224	13	0	13
South Andamans	Ferrargunj	Tusnabad (Rv)	94	149	243	13	5	8
South Andamans	Port Blair	Port Blair (M CI) - Ward No.18	51	217	268	13	2	11
South Andamans	Port Blair	Calicut (Rv)	1	320	321	13	0	13
South Andamans	Ferrargunj	Hobdipur (Rv)	36	294	330	13	1	12
South Andamans	Ferrargunj	Mithakhari (Rv)	43	326	369	13	2	11
South Andamans	Ferrargunj	Guptapara (Rv)	0	386	386	13	0	13
South Andamans	Port Blair	Port Blair (M CI)-Ward No. 20	30	382	412	13	1	12
South Andamans	Port Blair	Port Blair (M CI)-Ward No. 19	27	514	541	13	1	12
South Andamans	Little Andaman	Netaji Nagar (Rv)	0	1295	1295	13	0	13
		TOTAL	1236	9343	10579	804	121	683

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/SEROMON/NIVEDI/ROUND-IV/Andhra Pradesh_2/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 500 + (Cattle + Buffalo) = 4790

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.02

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 165

Total No of Animals to be Sampled = 2145

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	Bommanahal	Kalludevanahalli	282	578	860	13	4	9
Anantapur	Gooty	Peddoddi	461	412	873	13	7	6
Anantapur	Tadimari	Maravapalle Agraharam	419	715	1134	13	5	8
Anantapur	Kanaganapalle	Kagananapalle	155	1124	1279	13	2	11
Anantapur	Talupula	Nuthanakalva	163	1195	1358	13	2	11
Anantapur	Amarapuram	Hemavathi	1065	535	1600	13	9	4
Anantapur	Vidapanakal	Vidapanakal	803	1727	2530	13	4	9
Anantapur	Uravakonda	Nimbagal	1191	1570	2761	13	6	7
Anantapur	Talupula	Vepamampeta	1172	1683	2855	13	5	8
Chittoor	Buchinaidu Kandriga	Chinnayagunta	156	345	501	13	4	9
Chittoor	Pakala	Pedda Ramapuram	0	563	563	13	0	13
Chittoor	Nindra	Nindra	53	651	704	13	1	12
Chittoor	Puttur	Nesanur (R)	57	675	732	13	1	12
Chittoor	Venkatagirikota	Kumbarlapalle	2	758	760	13	0	13
Chittoor	Chinnagottigallu	Bhakarapet	10	987	997	13	0	13
Chittoor	Yerpedu	Mannasamudram	83	960	1043	13	1	12
Chittoor	Madanapalle	Ponnetipalem (Og) (Part)	16	1087	1103	13	0	13
Chittoor	CHITTOOR	Chittoor - Ward No.13	3	1176	1179	13	0	13
Chittoor	Pileru	Doddipalli	0	1231	1231	13	0	13
Chittoor	Thavanampalle	Nalisettpalle	0	1518	1518	13	0	13
Chittoor	Gangavaram	Dandapalle	5	1830	1835	13	0	13
Chittoor	Madanapalle	Chinnathippasamudram	28	2090	2118	13	0	13
Chittoor	Tirupati (Rural)	Thummala Gunta (Part)	107	2091	2198	13	1	12
Chittoor	Palamaner	Pengara Kunta	0	2722	2722	13	0	13
Chittoor	Bangarupalem	Jambuvaripalle	0	2957	2957	13	0	13
East Godavari	Ambajipeta	Pulletikurru	299	214	513	13	8	5
East Godavari	Kirlampudi	Velanka	404	114	518	13	10	3
East Godavari	Ramachandrapuram	Vella	768	102	870	13	11	2
East Godavari	Kajuluru	Tanumalla	685	229	914	13	10	3
East Godavari	Uppalaguptam	Nimmakayala Kothapalle	460	461	921	13	6	7
East Godavari	Allavaram	Devaguptam	574	513	1087	13	7	6
East Godavari	Atreyapuram	Ryali	967	222	1189	13	11	2
East Godavari	Yeleswaram	Peddanapalle	937	285	1222	13	10	3
East Godavari	Rangampeta	G. Donthamuru	811	525	1336	13	8	5
East Godavari	Chintur	Yedugurallapalle	7	1399	1406	13	0	13
East Godavari	Malikipuram	Sankaraguptham	1190	323	1513	13	10	3
East Godavari	Katrenikona	Katrenikona	804	976	1780	13	6	7
East Godavari	Ainavilli	Veeravallipalem	1748	251	1999	13	11	2
East Godavari	Gollaprolu	Durgada	1773	455	2228	13	10	3
East Godavari	Rangampeta	Doddigunta	1207	1053	2260	13	7	6

East Godavari	Peddapuram	J. Thimmapuram	2465	483	2948	13	11	2
Guntur	Tadepalli	Tadepalli Ward No.4	477	107	584	13	11	2
Guntur	Sattenapalle	Pedamakkenna	638	245	883	13	9	4
Guntur	Guntur	Guntur (M Corp.) - Ward No.5	856	28	884	13	13	0
Guntur	Durgi	Mutukuru	940	463	1403	13	9	4
Guntur	Bollapalle	Mellavagu	1269	292	1561	13	11	2
Guntur	Piduguralla	Janapadu	1523	54	1577	13	13	0
Guntur	Bhattiprolu	Bhattiprolu	2462	90	2552	13	13	0
Guntur	Piduguralla	Guttikonda	3016	435	3451	13	11	2
Guntur	Rajupalem	Kubadpuram	4147	288	4435	13	12	1
Guntur	Ipur	Chittapuram	4429	9	4438	13	13	0
Krishna	Pedana	Pullapadu	494	66	560	13	11	2
Krishna	Machilipatnam	Sultannagaram Gollapalem	642	151	793	13	11	2
Krishna	Gampalagudem	Dundiralapadu	616	260	876	13	9	4
Krishna	Penuganchiprolu	Nawabpetta	1230	62	1292	13	12	1
Krishna	Pedana	Pedana (NP) - Ward No.1	512	806	1318	13	5	8
Krishna	Bapulapadu	Kanumolu	1182	141	1323	13	12	1
Krishna	Kaikalur	Koletikota	1563	18	1581	13	13	0
Krishna	Nagayalanka	Ganapeswaram	1768	85	1853	13	12	1
Krishna	Tiruvuru	Mumukulla	1791	135	1926	13	12	1
Krishna	Nuzvid	Pallerlamudi	2091	72	2163	13	13	0
Kurnool	Kallur	Pedda Tekur	476	214	690	13	9	4
Kurnool	Chippagiri	Nemakal	93	822	915	13	1	12
Kurnool	Dhone	Devarabanda	271	666	937	13	4	9
Kurnool	Kowthalam	Urukunda	337	654	991	13	4	9
Kurnool	Nandavaram	Ibharampuram	359	640	999	13	5	8
Kurnool	Dornipadu	Gundupapala	870	148	1018	13	11	2
Kurnool	Tuggali	Pendikallu	722	854	1576	13	6	7
Kurnool	Krishnagiri	Amakathadu	928	1510	2438	13	5	8
Kurnool	Dhone	Dhone	675	2031	2706	13	3	10
Kurnool	Allagadda	Bathalur	2445	567	3012	13	11	2
Prakasam	Podili	Madalavari Palem	584	27	611	13	12	1
Prakasam	Voletivaripalem	Singammenipalle	852	62	914	13	12	1
Prakasam	Mundlamuru	Kommavaram	925	6	931	13	13	0
Prakasam	Markapur	Idupur	1174	78	1252	13	12	1
Prakasam	Yerragondapalem	Millampalle	1454	20	1474	13	13	0
Prakasam	Chimakurthi	Bandlamudi	1578	0	1578	13	13	0
Prakasam	Bestawaripeta	Basine Palle	2345	71	2416	13	13	0
Prakasam	Martur	Valaparla	2796	79	2875	13	13	0
Prakasam	Yerragondapalem	Kotukula	1504	1399	2903	13	7	6
Prakasam	Pullalacheruvu	Yendra Palle	1962	1321	3283	13	8	5
Spqr Nellore	Sangam	Kolagatla	586	56	642	13	12	1
Spqr Nellore	Vakadu	Pulikorru @ Balireddipalem	745	67	812	13	12	1
Spqr Nellore	Doravarasitram	Yekollu	603	255	858	13	9	4
Spqr Nellore	Kondapuram	Nekunampeta	1156	0	1156	13	13	0
Spqr Nellore	Dagadarthi	Katrayapadu	1208	34	1242	13	13	0
Spqr Nellore	Venkatachalam	Pudiparthi	1011	480	1491	13	9	4
Spqr Nellore	Bogole	Bitragunta	1814	104	1918	13	12	1
Spqr Nellore	Kaluvoya	Kaluvoya	1809	299	2108	13	11	2
Spqr Nellore	Kaligiri	Theillapadu	3309	59	3368	13	13	0
Spqr Nellore	Kaligiri	China Annaluru	9619	449	10068	13	12	1
Srikakulam	Vajrapukothuru	Nagarampalie	111	413	524	13	3	10

Srikakulam	Kanchili	Kanchili	172	527	699	13	3	10
Srikakulam	Meliaputti	Jadupalle	0	707	707	13	0	13
Srikakulam	Polaki	Priyagrahamaram	0	725	725	13	0	13
Srikakulam	Kotabommali	Kasturipadu	419	342	761	13	7	6
Srikakulam	Laveru	Kesavarayuni Palem	16	746	762	13	0	13
Srikakulam	Gangavarisigadam	Bathuva	22	827	849	13	0	13
Srikakulam	Tekkali	Booragam	18	921	939	13	0	13
Srikakulam	Meliaputti	Surjini	0	1003	1003	13	0	13
Srikakulam	Pathapatnam	Labara	37	1335	1372	13	0	13
Srikakulam	Kotabommali	Kurudu	18	1403	1421	13	0	13
Srikakulam	Kothuru	Sirusuvada	29	1452	1481	13	0	13
Srikakulam	Kotabommali	Duppallapadu	0	1505	1505	13	0	13
Srikakulam	Meliaputti	Vasandhara	6	1582	1588	13	0	13
Srikakulam	Kotabommali	Kotabommali	694	1973	2667	13	3	10
Visakhapatnam	Cheedikada	Lingabhupala Patnam	267	244	511	13	7	6
Visakhapatnam	Devarapalle	Tenugupudi	333	188	521	13	8	5
Visakhapatnam	Devarapalle	Valabu	286	256	542	13	7	6
Visakhapatnam	Ravikamatham	Machchhavani palem	409	251	660	13	8	5
Visakhapatnam	Padmanabham	Padmanabham	121	543	664	13	2	11
Visakhapatnam	S.Rayavaram	Janguluruvelampalem	453	286	739	13	8	5
Visakhapatnam	Sabbavaram	Asakapalle	439	327	766	13	7	6
Visakhapatnam	Gudem Kotha Veedhi	Jerrila	6	815	821	13	0	13
Visakhapatnam	Visakhapatnam	Visakhapatnam (M Corp.) - Ward No.69	461	367	828	13	7	6
Visakhapatnam	Kasimkota	Nutulaguntla Palem	308	540	848	13	5	8
Visakhapatnam	Anakapalle	Bhatlapudi	484	368	852	13	7	6
Visakhapatnam	Gudem Kotha Veedhi	Darakonda	62	841	903	13	1	12
Visakhapatnam	Kasimkota	Perantalapalem	179	775	954	13	2	11
Visakhapatnam	Golugonda	Golugonda	433	549	982	13	6	7
Visakhapatnam	Dumbriguda	Kollaputtu	36	1011	1047	13	0	13
Visakhapatnam	S.Rayavaram	Penugollu	312	761	1073	13	4	9
Visakhapatnam	K.Kotapadu	Varada	639	495	1134	13	7	6
Visakhapatnam	Kotauratla	Kotauratla	777	393	1170	13	9	4
Visakhapatnam	Gudem Kotha Veedhi	Lakkavarapupeta	15	1166	1181	13	0	13
Visakhapatnam	Padmanabham	Maddi	219	986	1205	13	2	11
Visakhapatnam	K.Kotapadu	Koruvada	559	691	1250	13	6	7
Visakhapatnam	Cheedikada	Khandivara Agraharam	912	645	1557	13	8	5
Visakhapatnam	Payakaraopeta	Pedaramabhadrapuram	1433	451	1884	13	10	3
Visakhapatnam	Dumbriguda	Korrai	5	2042	2047	13	0	13
Visakhapatnam	Yelamanchili	Regupalem	487	1790	2277	13	3	10
Visakhapatnam	Payakaraopeta	Payakaraopeta (Ct)	2633	2388	5021	13	7	6
Vizianagaram	Jami	Lottapalle	117	461	578	13	3	10
Vizianagaram	Lakkavarapukota	Lat Champeta	450	181	631	13	9	4
Vizianagaram	Badangi	Badangi	210	441	651	13	4	9
Vizianagaram	Kothavalasa	Tummikapalle (Ct)	440	289	729	13	8	5
Vizianagaram	Pachipenta	Kerangi	0	805	805	13	0	13
Vizianagaram	Vizianagaram	Jagannadhapuram @ Jonnavalasa	186	728	914	13	3	10
Vizianagaram	Bhogapuram	Savaravilli	56	930	986	13	1	12
Vizianagaram	Garugubilli	Ravupalle	91	984	1075	13	1	12
Vizianagaram	Balijipeta	Gangada	52	1166	1218	13	1	12
Vizianagaram	Pachipenta	Kesali	31	1244	1275	13	0	13
Vizianagaram	Parvathipuram	Dokiseela	200	1094	1294	13	2	11
Vizianagaram	Mentada	Jakuva	27	1290	1317	13	0	13

Vizianagaram	Pachipenta	Panchali	118	1256	1374	13	1	12
West Godavari	T.Narasapuram	Gulapalle	298	238	536	13	7	6
West Godavari	Bhimadole	Surappagudem	818	51	869	13	12	1
West Godavari	Poduru	Vedangi	812	170	982	13	11	2
West Godavari	Devarapalle	Dhumanthunigudem	1188	197	1385	13	11	2
West Godavari	Dwarakatirumala	Dwarakatirumala (Ct)	1212	256	1468	13	11	2
West Godavari	Lingapalem	Juvvachalakarayudupalem	1359	133	1492	13	12	1
West Godavari	Lingapalem	Dharmajigudem	2299	147	2446	13	12	1
West Godavari	Buttayagudem	Buttayagudem	1382	1224	2606	13	7	6
West Godavari	Achanta	Achanta	2190	436	2626	13	11	2
West Godavari	Nallajerla	Nallajerla	2067	3142	5209	13	5	8
Y.S.R.	Chinnamandem	Bonamala	15	621	636	13	0	13
Y.S.R.	Proddatur	Rameswaram (Ct)	556	113	669	13	11	2
Y.S.R.	Chinnamandem	Devagudipalle	32	644	676	13	1	12
Y.S.R.	BADVEL	Badvel (M) - Ward No.6	873	59	932	13	12	1
Y.S.R.	Jammalamadugu	Sunnapurallapalle	938	39	977	13	12	1
Y.S.R.	Rayachoti	Gorlamudiveedu	442	805	1247	13	5	8
Y.S.R.	Kodur	Anantharajupeta	1220	399	1619	13	10	3
Y.S.R.	Vontimitta	Chintarajupalle	13	1726	1739	13	0	13
Y.S.R.	Chapad	Chiyyapadu	1653	534	2187	13	10	3
Y.S.R.	Khajipet	Bhumayapalle	2069	339	2408	13	11	2
		TOTAL	134410	112336	246746	2145	1055	1090

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

FMD/SEROMON/NIVEDI/ROUND-IV/Arunachal Pradesh_3/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 697

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.04

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 75

Total No of Animals to be Sampled = 975

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)
Changlang	Vijoynagar	Twohut	90	48	138	13	8	5
Changlang	Bordumsa	Rajanagar-II	0	169	169	13	0	13
Changlang	Bordumsa	Kumung Pothar-I	0	241	241	13	0	13
Changlang	Bordumsa	Lalung	0	329	329	13	0	13
Changlang	Miao	Dharmapur Bl. I - V	0	850	850	13	0	13
East Kameng	Pakke-Kessang	Lower Bazarline Seg-I	0	103	103	13	0	13
East Kameng	Watte	Tongma Seg-II	0	141	141	13	0	13
East Kameng	Seppa West	Wessang	0	147	147	13	0	13
East Kameng	Watte	Neping Seg-II	0	170	170	13	0	13
East Kameng	Bameng	Milorang	0	210	210	13	0	13
East Kameng	Seppa West	Pampoli-III (Res)	0	262	262	13	0	13
East Kameng	Pizirang(Veo)	Nere	0	307	307	13	0	13
East Kameng	Seppa West	Patiwa	0	307	307	13	0	13
East Kameng	Bameng	Lorrah	0	374	374	13	0	13
East Kameng	Seppa West	Pampoli-II	0	391	391	13	0	13
East Siang	Mebo	Ralling	0	371	371	13	0	13
East Siang	Mebo	Ayeng	0	1095	1095	13	0	13
Kra Daadi	PALIN	Langbia	0	118	118	13	0	13
Kra Daadi	TALI	Cholk Bazaar	0	119	119	13	0	13
Kra Daadi	TALI	Dote-I	0	150	150	13	0	13
Kra Daadi	PALIN	Solo	0	163	163	13	0	13
Kra Daadi	PALIN	Tarangbang	0	335	335	13	0	13
Lohit	Lekang (Mahadevpur)	New Silatoo	0	196	196	13	0	13
Lohit	Lekang (Mahadevpur)	Padumoni	0	375	375	13	0	13
Lohit	Tezu	Pomliang(Loiliang New)	0	406	406	13	0	13
Lohit	Sunpura	Bhekuliang	0	670	670	13	0	13
Lohit	Lekang (Mahadevpur)	Mahadevpur- II	0	828	828	13	0	13
Longding	Pangchao	Votnu	0	217	217	13	0	13
Lower Dibang Valley	Roing	Akela	0	383	383	13	0	13
Lower Dibang Valley	Tinali (Paglam)	Mobuk	133	1754	1887	13	1	12
Lower Subansiri	TAJANG	Pari Nencha (U)	0	103	103	13	0	13
Lower Subansiri	DIIBO	Sigya	0	122	122	13	0	13
Lower Subansiri	NIITII	Kojing	0	134	134	13	0	13
Lower Subansiri	YACHULI	Tadarko	0	156	156	13	0	13
Lower Subansiri	Pistana	New Neelam	0	163	163	13	0	13
Lower Subansiri	Dollungmukh	Kalaptukar	0	208	208	13	0	13
Lower Subansiri	HIIJA	Tabin Talu	0	260	260	13	0	13
Lower Subansiri	PISTANA	Jaow	0	320	320	13	0	13
Lower Subansiri	YACHULI	Phu	0	337	337	13	0	13
Lower Subansiri	PISTANA	Lepa Deed	0	580	580	13	0	13
Lower Subansiri	YACHULI	Toju	0	650	650	13	0	13
Lower Subansiri	Pistana	Oram Geko	0	756	756	13	0	13
NAMSAI	NINGROO	CHESING WINGKO	0	373	373	13	0	13

Papum Pare	Balijan	Mob	0	104	104	13	0	13
Papum Pare	TORU1	Mebhora	0	117	117	13	0	13
Papum Pare	DOIMUKHI1	Dengka	0	154	154	13	0	13
Papum Pare	TORU1	Laptap	0	158	158	13	0	13
Papum Pare	LOWER BALIJAN1	Upper Tubung	0	176	176	13	0	13
Papum Pare	BATT1	Chimpu	0	388	388	13	0	13
Papum Pare	TORU1	New Goya	0	400	400	13	0	13
Papum Pare	SAGALEE1	Nimte-II	969	0	969	13	13	0
SIANG	Rumgong	Pangkeng Moli	0	297	297	13	0	13
SIANG	Rumgong	Jomo	0	370	370	13	0	13
Tawang	Lumla	Khuminthang	0	162	162	13	0	13
Tawang	Tawang Circle	Kyableng	0	379	379	13	0	13
Tawang	Lumla	Kharteng	0	491	491	13	0	13
Upper Siang	Geku	Kumku	0	257	257	13	0	13
Upper Siang	Yingkiong	Simong	0	576	576	13	0	13
Upper Subansiri	Siyum	Atte	0	115	115	13	0	13
Upper Subansiri	Dumporijo	Pomte Bage	0	123	123	13	0	13
Upper Subansiri	Dumporijo	DERE NALO	0	154	154	13	0	13
Upper Subansiri	Dumporijo	Bui	0	215	215	13	0	13
Upper Subansiri	Limeking	Mepu	0	248	248	13	0	13
Upper Subansiri	Dumporijo	OLD RIBA	0	258	258	13	0	13
Upper Subansiri	Dumporijo	Aranalo	228	646	874	13	3	10
West Kameng	Kalaktang	Morshing	0	153	153	13	0	13
West Kameng	Thembang	Namsu	0	209	209	13	0	13
West Kameng	Shergaon	Tenzingaon	0	231	231	13	0	13
West Kameng	Dirang	Changpa Village	0	248	248	13	0	13
West Kameng	Kalaktang	Domkho	0	325	325	13	0	13
West Siang	Aalo	Logum Jini	0	132	132	13	0	13
West Siang	Likabali	Dipa	0	143	143	13	0	13
West Siang	Basar	Sago	0	162	162	13	0	13
West Siang	Gensi	Litemori	0	163	163	13	0	13
West Siang	Basar	Old Bam	0	328	328	13	0	13
		TOTAL	1420	23273	24693	975	25	950

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/SEROMON/NIVEDI/ROUND-IV/Assam_4/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 150 + (Cattle + Buffalo) = 14370

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.024

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 137

Total No of Animals to be Sampled = 1781

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)
BAKSA	Baksa	Karhana	0	730	730	13	0	13
Barpeta	Barpeta Road	Barpeta Road (MB) - Ward No.9	0	303	303	13	0	13
Barpeta	Baghbor	Chonpur	30	469	499	13	1	12
Barpeta	Kalgachai	Khudrakuchi	28	511	539	13	1	12
Barpeta	Sarthebari	Chatala	0	807	807	13	0	13
Barpeta	Barnagar (Pt)	Khairabari CT	96	1973	2069	13	1	12
Biswanath	Biswanath	NIZ BISWANATH	295	185	480	13	8	5
Biswanath	Biswanath	BHINGOAN	0	797	797	13	0	13
Biswanath	Biswanath	JAPAWBARI	0	803	803	13	0	13
BONGAIGAON	jangram	Piradhora pt II	0	529	529	13	0	13
BONGAIGAON	jangram	Parerchar pt II	0	740	740	13	0	13
Cachar	Katigorah	Bhairabpur Pt-III	30	150	180	13	2	11
Cachar	Lakhipur	Kaptanpur-V	28	302	330	13	1	12
Cachar	Sonai	Dakshin Mohanpur Pt-II	116	299	415	13	4	9
Cachar	Udharbond	Gossaipur Pt-1	35	564	599	13	1	12
Cachar	Udharbond	Larsing grant	18	721	739	13	0	13
Cachar	Silchar	Sahapur T E	487	317	804	13	8	5
Chirang	Bijni (Pt)	Monakosa No 1	0	457	457	13	0	13
Chirang	Bijni (Pt)	Betbari No 2	0	606	606	13	0	13
DARRANG	Kalaigaon (Pt)	Salaipara	0	990	990	13	0	13
DARRANG	Dalgaon(Pt)	Dalgaon Town	4761	8820	13581	13	5	8
DHEMAJI	Sissiborgaon	Ayeangia Ptri	0	172	172	13	0	13
DHEMAJI	Gogamukh	Badati	0	264	264	13	0	13
DHEMAJI	Dhakuakhana (Pt)	Bengenagarah Grazing	0	280	280	13	0	13
DHEMAJI	Dhakuakhana (Pt)	Borpak Gowaldoi(Gandhia)	0	341	341	13	0	13
DHEMAJI	Jonai	Da-Dhara Maduri	0	382	382	13	0	13
DHEMAJI	Gogamukh	Uttar Nalbari	0	436	436	13	0	13
DHEMAJI	Sissiborgaon	Dijmuri nahorbari(part)	0	450	450	13	0	13
DHEMAJI	Gogamukh	Tarajan NC	0	534	534	13	0	13
DHEMAJI	Jonai	Goilagaon	226	485	711	13	4	9
DHEMAJI	Jonai	Chengajan Gowala	1720	2494	4214	13	5	8
DHUBRI	Agamoni	KHALISAMARI	4	481	485	13	0	13
DHUBRI	Golokganj (Pt)	BALAJAN	4	1007	1011	13	0	13
DHUBRI	Agamoni	KAIMARI Pt- III	0	1152	1152	13	0	13
Dibrugarh	Dibrugarh East	Filmuguri Grant 4/152	0	179	179	13	0	13
Dibrugarh	Tingkhong	Dillibari 342 Nlr	0	268	268	13	0	13
Dibrugarh	Tengakhat	Tingrai Holla	0	305	305	13	0	13
Dibrugarh	Tengakhat	Chakalia Pather Gaon	16	323	339	13	1	12
Dibrugarh	Tengakhat	Balijan Chah Bagan	0	412	412	13	0	13
Dibrugarh	Dibrugarh West	Lazai Miri Gaon	112	461	573	13	3	10

Dibrugarh	Tengakhat	Jutibari Borhula	0	761	761	13	0	13
Dibrugarh	Dibrugarh East	Pahari Chapor	0	781	781	13	0	13
Dima Hasao	Mahur	Digandu V	136	206	342	13	5	8
Dima Hasao	Mahur	Thajjudisa	580	0	580	13	13	0
Dima Hasao	Haflong	Bethel	0	648	648	13	0	13
Goalpara	Goalpara	Goalpara MB Ward No. 7	0	373	373	13	0	13
Goalpara	Matia	Bakaitari Pt-III	17	448	465	13	0	13
Goalpara	Lakhipur	Hasdoba	158	434	592	13	3	10
Goalpara	Lakhipur	Pathakata Pt-I	20	737	757	13	0	13
Goalpara	Matia	Krishnai Guria Pt II	0	1408	1408	13	0	13
Golaghat	Morangi	NO 2 KOIBOTRA	0	364	364	13	0	13
Golaghat	Golaghat	BHULUKITING GRANT	18	526	544	13	0	13
Golaghat	Golaghat	TIRUAL GAON	49	508	557	13	1	12
Golaghat	Bokakhat	BORJURI T E	2	1018	1020	13	0	13
Golaghat	Golaghat	DOIYANG Grant	188	1243	1431	13	2	11
Hailakandi	Algapur	Mohanpur-III	39	511	550	13	1	12
Hailakandi	Algapur	Burnibrease	223	2914	3137	13	1	12
Hojai	Hojai	Pub Jugijan	0	823	823	13	0	13
Hojai	Lanka	Jaroni Gaon	0	1103	1103	13	0	13
Jorhat	Mariani	BORSAYKATA GRANT	0	879	879	13	0	13
Jorhat	Teok	MAHERA GAON	62	1530	1592	13	1	12
Jorhat	Jorhat East	NAOSOLIA GAON	0	2564	2564	13	0	13
Kamrup	Koya	Dudlong	32	196	228	13	2	11
Kamrup	Boko	Gizang	0	331	331	13	0	13
Kamrup	Chaygaon	Ganak Para	0	514	514	13	0	13
Kamrup	Palasbari	Kallapara	8	685	693	13	0	13
Kamrup	Hajo	Sar Mojuli NC	0	1045	1045	13	0	13
Kamrup	Boko	Dilinga-II	0	1186	1186	13	0	13
Kamrup (M)	Sonapur	Bejeni N.C	0	602	602	13	0	13
Kamrup (M)	Sonapur	Baruabari Bari Gaon (CT)	0	1430	1430	13	0	13
Karbi Anglong	Silonijan	Ara Engti	0	163	163	13	0	13
Karbi Anglong	Phuloni	Dongkarmuk Gaon	0	230	230	13	0	13
Karbi Anglong	Phuloni	Karaijhar Gaon	0	261	261	13	0	13
Karbi Anglong	Bakulia	Bakulia (TC) - Ward No. 6	0	290	290	13	0	13
Karbi Anglong	Silonijan	Kath Timung	0	300	300	13	0	13
Karbi Anglong	Phuloni	Sam Pathar	0	306	306	13	0	13
Karbi Anglong	Diphu	Sariahjan	0	386	386	13	0	13
Karbi Anglong	Diphu	Sutalangber	0	422	422	13	0	13
Karbi Anglong	Silonijan	Naharsala	0	480	480	13	0	13
Karbi Anglong	Phuloni	Uttor Phonglokpet	0	690	690	13	0	13
Karbi Anglong	Phuloni	Goutom Bosti	0	788	788	13	0	13
Karbi Anglong	Diphu	Nagaon Basti	48	916	964	13	1	12
Karimganj	Karimganj	Maizgram Part iv	1	187	188	13	0	13
Karimganj	Karimganj	Jabainpur Part ii	0	242	242	13	0	13
Karimganj	Ramkrishnanagar	Manik Nagar basti	49	250	299	13	2	11
Karimganj	Karimganj	Battarashi Pt-2	38	268	306	13	2	11
Karimganj	Ramkrishnanagar	Gazardingi	84	283	367	13	3	10
Karimganj	Nilambazar	Brojendra Nagar	0	565	565	13	0	13
Karimganj	Ramkrishnanagar	Dalucherra Grant	128	535	663	13	3	10
Karimganj	Badarpur	Nandapur	0	1300	1300	13	0	13
Kokrajhar	Dotoma	Hazarkia no 1	14	284	298	13	1	12
Kokrajhar	Gossaigaon (Pt)	Gao Chulka FV	4	365	369	13	0	13

Kokrajhar	Basugaon	Basugaon Town Ward No. 1	0	426	426	13	0	13
Kokrajhar	Gossaigaon (Pt)	Thaplajhora ÔÇôII FV	0	768	768	13	0	13
Kokrajhar	Bagribari (Pt)	Jalabila	11	1159	1170	13	0	13
Lakhimpur	Suban	Sirin Garh	2	187	189	13	0	13
Lakhimpur	Dhakuakhana(Pt I)	No1 Moiniapara	0	387	387	13	0	13
Lakhimpur	Bihpuria	Islampur No 3	0	735	735	13	0	13
Lakhimpur	Kadam	Mergaon	116	669	785	13	2	11
Lakhimpur	Dhakuakhana(Pt I)	No 2 Krishnapur	0	845	845	13	0	13
Lakhimpur	Dhakuakhana(Pt I)	N C Akaria Matmara	0	893	893	13	0	13
Lakhimpur	Kadam	Katari Chapari No 3	0	1231	1231	13	0	13
Majuli	Majuli	Rongachahi	9	900	909	13	0	13
Morigaon	Mayong	Bahakabari	4	615	619	13	0	13
Morigaon	Laharighat	Barthal Doloigaon	92	2754	2846	13	0	13
Nagaon	Raha	Chaparmukh Town	0	311	311	13	0	13
Nagaon	Nagaon	Kurabahi Gaon	8	502	510	13	0	13
Nagaon	Raha	Kakati Gaon	4	647	651	13	0	13
Nagaon	Rupohi	Pachim Makunda Ati	5	1053	1058	13	0	13
Nagaon	Samaguri	Sonaribali	0	2618	2618	13	0	13
Nalbari	Ghograpar(Pt)	2 Bhadra bangal	2	462	464	13	0	13
Nalbari	Tihu (Pt)	1 Niz Namati	4	1395	1399	13	0	13
Sibsagar	Dimow	Desang Deroi Habi	0	528	528	13	0	13
Sibsagar	Dimow	Koiborta Dalani	34	864	898	13	0	13
Sonitpur	Dhekiajuli (Pt)	No.2 Jaynagar Gaon	0	258	258	13	0	13
Sonitpur	Na-Duar	Pachi Gaon	10	374	384	13	0	13
Sonitpur	Na-Duar	Bora Bhuyan	0	529	529	13	0	13
Sonitpur	Chariduar	Sessa T.E No.3	0	535	535	13	0	13
Sonitpur	Tezpur	Urium Guri Gaon	18	873	891	13	0	13
Sonitpur	Na-Duar	F.S 16/18 Dikorai Bagicha (Nir)	14	1073	1087	13	0	13
Soraideu	Moranhat	Moranhat (TC) - Ward No.1	0	314	314	13	0	13
Soraideu	Mahmora	Kakaramora Bagicha	0	773	773	13	0	13
South Salmara	Mancachar	Manullapara	0	1021	1021	13	0	13
South Salmara	South Salmara	Niz Monirchar	76	3209	3285	13	0	13
Tinsukia	Tinsukia	Dinjan T E 111 1/2 Nir	0	170	170	13	0	13
Tinsukia	Tinsukia	Narsing Gaon	0	246	246	13	0	13
Tinsukia	Doom Dooma	Bissakupi T E 72 Wl	0	416	416	13	0	13
Tinsukia	Doom Dooma	Asomiya Balijan Gaon	0	510	510	13	0	13
Tinsukia	Margherita	Likhajan Grant No 21	0	602	602	13	0	13
Tinsukia	Margherita	Powai T E	0	732	732	13	0	13
Tinsukia	Doom Dooma	Rangajan Block	0	1422	1422	13	0	13
Udalguri	Udalguri	Bandaragaon	0	467	467	13	0	13
Udalguri	Mazbat	Jogaypur	0	835	835	13	0	13
Udalguri	Udalguri	Silpatbari	0	874	874	13	0	13
West Karbi Anglong	Donka	Akelal Gaon	291	213	504	13	8	5
West Karbi Anglong	Donka	Jiribasa Gaon	5	826	831	13	0	13
West Karbi Anglong	Donka	Donkamokam (TC) - Ward No.3	0	1765	1765	13	0	13
		TOTAL	10609	104764	115373	1781	96	1685

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/SEROMON/NIVEDI/ROUND-IV/Bihar_5/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 18409

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.02

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 165 (+7 Villages Reserved)

Total No of Animals to be Sampled = 2145

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)
Araria	Sikti	Bokantari	96	3065	3161	13	0	13
Arwal	Karpi	Durra	345	172	517	13	9	4
Arwal	Arwal	Rampur Waina	733	554	1287	13	7	6
Aurangabad	Kutumba	Ankupa	59	76	135	13	6	7
Aurangabad *	Kutumba	Saraiwar	37	216	253	13	2	11
Aurangabad	Daudnagar	Daudnagar (M) - Ward No.11	103	192	295	13	5	8
Aurangabad	Obra	Kajhwan	133	214	347	13	5	8
Aurangabad	Daudnagar	Kera	217	367	584	13	5	8
Aurangabad	Nabinagar	Sori	121	588	709	13	2	11
Banka	Bausi	Gokula Tola Jangalpur	12	169	181	13	1	12
Banka	Banka	Banka (M) - Ward No.8	25	179	204	13	2	11
Banka	Chanan	Tola Lohtania	0	447	447	13	0	13
Banka	Rajaun	Gauradih	38	422	460	13	1	12
Banka	Amparpur	Hemrajpur	38	451	489	13	1	12
Banka	Katoria	Tola Udaipura	40	701	741	13	1	12
Banka *	Amparpur	Bishunpur Kothia	46	864	910	13	1	12
Banka	Barahat	Chechra	40	1082	1122	13	0	13
Begusarai	Teghra	Nipania Madharapur	40	788	828	13	1	12
Begusarai	Shamho Akha Kurha	Jagan Saidpur	1899	553	2452	13	10	3
Bhagalpur	Nathnagar	Mohiuddinchak	504	549	1053	13	6	7
Bhagalpur	Pirpainti	Fauzdari	2528	2035	4563	13	7	6
Bhagalpur	Rangra Chowk	Rangra	744	7684	8428	13	1	12
Bhojpur	Piro	Salakhna	200	60	260	13	10	3
Bhojpur	Arrah	Agarsanda	237	165	402	13	8	5
Bhojpur	Garhani	Mandura	262	209	471	13	7	6
Bhojpur	Sahar	Shiw Chak	583	83	666	13	11	2
Bhojpur	Koilwar	Sundra	658	350	1008	13	8	5
Buxar	Rajpur	Chacharia	52	413	465	13	1	12
Buxar	Rajpur	Sigti	141	475	616	13	3	10
Buxar	Barhampur	Bhadsari	719	470	1189	13	8	5
Darbhangा *	Keotiranway	Sahpur Dih	291	64	355	13	11	2
Darbhangा	Manigachhi	Paithan Kawai	193	315	508	13	5	8
Darbhangा	Gora Bauram	Kanhai	97	574	671	13	2	11
Darbhangा	Darbhangा	Chhabila	957	340	1297	13	10	3
Darbhangा	Kiratpur	Danha	1163	1065	2228	13	7	6
Gaya	Dobhi	Anuradhi	53	75	128	13	5	8
Gaya	Sherghati	Ghuji	55	181	236	13	3	10
Gaya	Mohanpur	Sukhdewa Chak	108	173	281	13	5	8
Gaya	Fatehpur	Goli	7	386	393	13	0	13
Gaya	Gaya Town C.D.Block	Uda Bigha	235	184	419	13	7	6

Gaya	Mohanpur	Raundawa	73	520	593	13	2	11
Gaya	Gurua	Chandan Khap	130	512	642	13	3	10
Gaya	Gurua	Khairi Taira	251	419	670	13	5	8
Gaya	Gurua	Jalpa	238	730	968	13	3	10
Gaya	Mohanpur	Kewala	156	2465	2621	13	1	12
Gopalganj	Kuchaikote	Basauanapur	18	88	106	13	2	11
Gopalganj	Hathua	Bari Ishar	44	144	188	13	3	10
Gopalganj	Hathua	Tarau Chak	25	176	201	13	2	11
Gopalganj	Bijaipur	Amawa	81	123	204	13	5	8
Gopalganj	Uchhagaon	Sanah Madho	113	214	327	13	4	9
Gopalganj	Baikunthpur	Bansghat Masuaria	302	552	854	13	5	8
Jamui	Sono	Tola Asuta	0	108	108	13	0	13
Jamui	Jamui	Jamui (M) - Ward No.5	8	291	299	13	0	13
Jamui	Sono	Kanhaipharka	18	668	686	13	0	13
Jamui	Jhajha	Tola Khurandadhorari	0	726	726	13	0	13
Jamui	Jhajha	Tola Maniktham	432	487	919	13	6	7
Jamui	Jhajha	Kharhaia Urf Jamu	17	1072	1089	13	0	13
Jamui	Chakai	Tola Chandarmandih	22	2193	2215	13	0	13
Jehanabad	Hulasganj	Ginji	153	334	487	13	4	9
Jehanabad	Ghoshi	Uber	793	500	1293	13	8	5
Kaimur (Bhabua)	Kudra	Chanwakh	74	72	146	13	7	6
Kaimur (Bhabua)	Adhaura	Chaya	100	162	262	13	5	8
Kaimur (Bhabua)	Bhabua	Kurasan	220	157	377	13	8	5
Kaimur (Bhabua)	Kudra	Kandehra	168	228	396	13	6	7
Kaimur (Bhabua)	Chand	Dulahi	406	260	666	13	8	5
Kaimur (Bhabua) *	Adhaura	Dewri	385	299	684	13	7	6
Katihar	Amdabad	Jangli Tal English	57	95	152	13	5	8
Katihar	Azamnagar	Gaighatta	0	291	291	13	0	13
Katihar	Balrampur	Daribhita	0	412	412	13	0	13
Katihar	Azamnagar	Marhi	9	642	651	13	0	13
Katihar	Korha	Nakipur	674	1463	2137	13	4	9
Katihar	Mansahi	Kuraitha	271	3462	3733	13	1	12
Khagaria	Khagaria	Bachhauta	121	1109	1230	13	1	12
Khagaria	Beldaur	Telihar	244	2297	2541	13	1	12
Kishanganj	Terhagachh	Ghani Phulsara	94	795	889	13	1	12
Kishanganj	Kishanganj	Panisal	0	1558	1558	13	0	13
Kishanganj	Thakurganj	Rasia	94	1555	1649	13	1	12
Lakhisarai	Chanan*	Baskund	121	254	375	13	4	9
Lakhisarai	Chanan*	Kumadar	298	619	917	13	4	9
Madhepura	Bihariganj	Bihariganj	240	1210	1450	13	2	11
Madhepura	Kishanganj	shahjadpur	756	1950	2706	13	4	9
Madhubani	Madhubani	Khanjipur	369	276	645	13	7	6
Madhubani	Andhratharhi	Chapahi	382	442	824	13	6	7
Madhubani	Harlakhi	Umgaon	731	314	1045	13	9	4
Madhubani	Bisfi	Khairi Banka	1457	585	2042	13	9	4
Madhubani	Lakhnaur	Tamoria	802	1375	2177	13	5	8
Munger	Tetiha Bambor	Thara	112	247	359	13	4	9
Munger	Sangrampur	Sarkatia	217	619	836	13	3	10
Muzaffarpur *	Minapur	Puran Pakri	46	84	130	13	5	8
Muzaffarpur	Baruraj (Motipur)	Sewalwa Urf Chhapra	130	179	309	13	5	8
Muzaffarpur	Paroo	Chand Kuari	85	278	363	13	3	10
Muzaffarpur	Minapur	Madarpur Karan	268	222	490	13	7	6
Muzaffarpur	Paroo	Jalilnagar	164	338	502	13	4	9

Muzaffarpur	Saraiya	Anantpur Gangauli	270	464	734	13	5	8
Muzaffarpur	Aurai	Sarhanchia	511	405	916	13	7	6
Muzaffarpur	Gaighat	Janta Tok	358	564	922	13	5	8
Muzaffarpur	Baruraj (Motipur)	Bhemriahi Urf Rampur Bhemriahi	347	788	1135	13	4	9
Nalanda	Silao	Dhanchhuhi	55	268	323	13	2	11
Nalanda	Giriak	Satauwa	277	133	410	13	9	4
Nalanda	Karai Parsurai	Sandh	330	88	418	13	10	3
Nalanda	Tharthari	Kachaharia	618	326	944	13	9	4
Nalanda	Harnaut	Sabnahuar	700	879	1579	13	6	7
Nawada	Hisua	Hisua (NA) - Ward No.5	39	645	684	13	1	12
Nawada	Meskaur	Murehta Chak	86	658	744	13	2	11
Nawada	Kashi Chak	Rewara Jagdishpur	425	948	1373	13	4	9
Pashchim Champaran	Narkatiaganj	Narkatiaganj (NA) - Ward No.6	2	188	190	13	0	13
Pashchim Champaran	Sikta	Kursi Barwa	68	185	253	13	3	10
Pashchim Champaran	Bhitaha	Chilwaniyan	215	273	488	13	6	7
Pashchim Champaran	Bagaha	Chandrapur	242	263	505	13	6	7
Pashchim Champaran	Narkatiaganj	Bhasurari	634	377	1011	13	8	5
Pashchim Champaran	Majhaulia	Mahanagni	1763	1316	3079	13	7	6
Patna *	Phulwari Sharif	Phulwari Sharif (NA) - Ward No.6	40	103	143	13	4	9
Patna	Phulwari	Adhpa	87	130	217	13	5	8
Patna	Bihta	Taregna	320	213	533	13	8	5
Patna	Masaurhi	Khania	267	292	559	13	6	7
Patna	Barh	Bahrawan	186	594	780	13	3	10
Patna	Masaurhi	Bhagwanganj	629	507	1136	13	7	6
Patna	Bakhtiarpur	Dedur	1377	922	2299	13	8	5
Purbi Champaran	Areraj	Areraj (NA) - Ward No.6	8	138	146	13	1	12
Purbi Champaran	Mehsi	Rajua Bakhri	77	175	252	13	4	9
Purbi Champaran	Kalyanpur	Bhuan Chhapra	304	262	566	13	7	6
Purbi Champaran	Chakia(Pipra)	Sariatpur	316	283	599	13	7	6
Purbi Champaran	Chakia(Pipra)	Madhuban Bediban	373	419	792	13	6	7
Purbi Champaran	Sugauli	Bhataha	821	593	1414	13	8	5
Purnia	Baisi	Ujain	3	266	269	13	0	13
Purnia	Rupauli	Supaili Kamat	272	335	607	13	6	7
Purnia	Bhawanipur	Bhandsar Milik	275	610	885	13	4	9
Purnia	Amour	Adhang	3	2282	2285	13	0	13
Purnia	Barhara	Bisaharia Got	683	1896	2579	13	3	10
Rohtas	Nokha	Karan	112	57	169	13	9	4
Rohtas	Kargahar	Barahta	63	207	270	13	3	10
Rohtas	Dehri	Dehri (M) - Ward No.29	187	251	438	13	6	7
Rohtas	Chenari	Chamhraua	199	268	467	13	6	7
Rohtas	Akorhi Gola	Jadwa	237	273	510	13	6	7
Rohtas	Dehri	Bastipur	621	70	691	13	12	1
Rohtas	Nokha	Sisrit	434	485	919	13	6	7
Saharsa *	Saur Bazar	Tiri	734	888	1622	13	6	7
Saharsa	Satar Kataiya	Purikh	742	1292	2034	13	5	8
Samastipur	Khanpur	Buzrug Doar	108	288	396	13	4	9
Samastipur	Sarairajan	Sherpur Marsari	116	443	559	13	3	10
Samastipur	Bithan	Sohma	107	794	901	13	2	11
Samastipur	Kalyanpur	Namapur	633	465	1098	13	7	6
Samastipur	Khanpur	Soman	314	1783	2097	13	2	11
Saran	Dariapur	Karam Chak	76	92	168	13	6	7
Saran	Sonepur	Faqrabad	100	154	254	13	5	8
Saran	Rivilganj	Revelganj (M) - Ward No.20	55	263	318	13	2	11

Saran	Baniapur	Lutha Dhananw	99	288	387	13	3	10
Saran	Parsa	Murli Sirsia	366	206	572	13	8	5
Saran	Baniapur	Goapipar Panti	139	469	608	13	3	10
Saran	Garkha	Ramgarha	205	825	1030	13	3	10
Sheikhpura	Chewara	Bengucha	182	224	406	13	6	7
Sheikhpura	Sheikhpura	Gawa	767	776	1543	13	6	7
Sheohar	Tariani Chowk	Lohsurka Urf Hamidpur	209	341	550	13	5	8
Sitamarhi	Bairgania	Madhu Chapra	378	358	736	13	7	6
Sitamarhi	Suppi	Barharwa Urf Bishnupurmohabbat	865	178	1043	13	11	2
Sitamarhi	Sursand	Koriahi Urf Kalyanpatti	555	529	1084	13	7	6
Siwan	Raghunathpur	Patiaon Gopi	7	133	140	13	1	12
Siwan	Barharia	Babhan Bara	73	212	285	13	3	10
Siwan	Bhagwanpur Hat	Bankajua	52	263	315	13	2	11
Siwan	Lakri Nabiganj	Kapripur	71	367	438	13	2	11
Siwan	Lakri Nabiganj	Marchi	91	704	795	13	1	12
Siwan	Bhagwanpur Hat	Saghar Sultanpur	664	1117	1781	13	5	8
Supaul	Supaul	Supaul (M) - Ward No.12	902	357	1259	13	9	4
Supaul	Marauna	Lalmania	599	1329	1928	13	4	9
Vaishali	Jandaha	Makundpur Gopinath	53	71	124	13	6	7
Vaishali	Paterhi Belsar	Dharampur Jarang	44	135	179	13	3	10
Vaishali	Mahua Bazar	Mahua Bazar (M) - Ward No.1	84	187	271	13	4	9
Vaishali	Patepur	Bishnupur Teknari Urf Ramauli	80	201	281	13	4	9
Vaishali	Bhagwanpur	Sadhopur Jiwan	174	205	379	13	6	7
Vaishali	Jandaha	Khopi	171	318	489	13	5	8
Vaishali	Hajipur	Halalpur Madarpur	198	533	731	13	4	9
Vaishali	Raghopur	Fatehpur Shahbaz	564	667	1231	13	6	7
		TOTAL	51189	100975	152164	2236	768	1468

*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 sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 165
Reserved Villages 7
Total Samples

2145
91
2236

FMD/SEROMON/NIVEDI/ROUND-IV/Chandigarh6/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 26

Design Level Prevalence = 0.3

Cluster Level Prevalence = 0.21

Sensitivity of the test used = 0.95

Specificity Level Prevalence = 0.95

Total No of Villages (Clusters) Selected = 14

Total No of Animals to be Sampled = 154

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Chandigarh	Chandigarh	Raipur Khurd	173	79	252	11	8	3
Chandigarh	Chandigarh	Chandigarh (M Corp.) - Ward No.11	216	115	331	11	7	4
Chandigarh	Chandigarh	Daria (Ct)	132	210	342	11	4	7
Chandigarh	Chandigarh	Sarangpur	387	132	519	11	8	3
Chandigarh	Chandigarh	Raipur Kalan & Makhan Majra	358	191	549	11	7	4
Chandigarh	Chandigarh	Chandigarh (M Corp.) - Ward No.12	219	390	609	11	4	7
Chandigarh	Chandigarh	Khuda Alisher (Ct)	434	306	740	11	6	5
Chandigarh	Chandigarh	Chandigarh (M Corp.) - Ward No.6	605	413	1018	11	7	4
Chandigarh	Chandigarh	Chandigarh (M Corp.) - Ward No.5	456	713	1169	11	4	7
Chandigarh	Chandigarh	Kaimbwala	882	515	1397	11	7	4
Chandigarh	Chandigarh	Chandigarh (M Corp.) - Ward No.20	20	1623	1643	11	0	11
Chandigarh	Chandigarh	Dhanas	1200	840	2040	11	6	5
Chandigarh	Chandigarh	Chandigarh (M Corp.) - Ward No.23	1268	1104	2372	11	6	5
Chandigarh	Chandigarh	Chandigarh (M Corp.) - Ward No.7	3371	2211	5582	11	7	4
		TOTAL	9721	8842	18563	154	81	73

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/SEROMON/NIVEDI/ROUND-IV/Chhatisgarh_7/2023**Stratified Random Sampling:****Species Selected for Stratification = Cattle + Buffalo**

Number of Villages Having 200 + (Cattle + Buffalo) = 9350

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.04

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 75

Total No of Animals to be Sampled = 975

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)
Balod	Dondi Luhara	Kilekoda	7	1089	1096	13	0	13
Baloda Bazar	Baloda Bazar	Dhandheni	105	595	700	13	2	11
Baloda Bazar	Baloda Bazar	Juda	81	849	930	13	1	12
Balrampur	Shankargarh	Deosara Kalan	136	575	711	13	2	11
Balrampur	Samri(Kusmi)	Baskepi	81	1515	1596	13	1	12
Bastar	Darbha	Gidawarli	83	756	839	13	1	12
Bastar	Bastar	Mathota	204	2159	2363	13	1	12
Bemetara	Saja	Pathari Kalan	26	534	560	13	1	12
Bemetara	Saja	Naukesha	73	787	860	13	1	12
Bijapur	Usur	Tekler	0	568	568	13	0	13
Bijapur	Usur	Pujarikanker	0	956	956	13	0	13
Bilaspur	Masturi	Darrighat	83	363	446	13	2	11
Bilaspur	Takhatpur	Kabra Kapa	50	604	654	13	1	12
Bilaspur	Pendra	Damdam	52	803	855	13	1	12
Bilaspur	Kota	Lufa	232	1045	1277	13	2	11
Bilaspur	Pendra Road Gorella	Badhawandand	487	1308	1795	13	4	9
Dantewada	Bade Bacheli	Bainpal	0	940	940	13	0	13
Dantewada	Dantewada	Gamawada	25	1748	1773	13	0	13
Dhamtari	Nagri	Siyarinala	5	455	460	13	0	13
Dhamtari	Magarlod	Rakadih	27	744	771	13	0	13
Durg	Patan	Odaragahan	176	731	907	13	3	10
Durg	Dhamdha	Aheri	402	1100	1502	13	3	10
Gariyaband	Chhura	Fingeshwari	144	387	531	13	4	9
Gariyaband	Mainpur	Gurjibhatta	12	763	775	13	0	13
Janjigir-Champa	Sakti	Sundreli	56	509	565	13	1	12
Janjigir-Champa	Pamgarh	Jhulan	74	823	897	13	1	12
Janjigir-Champa	Jaijaipur	Bhatmahool	55	890	945	13	1	12
Jashpur	Pathalgaon	Jamargi	23	773	796	13	0	13
Jashpur	Kansabel	Kodliya	0	797	797	13	0	13
Jashpur	Duldula	Manjurchundi	39	821	860	13	1	12
Kabirdham (Kawardha)	Pandariya	Dalamouha	85	374	459	13	2	11
Kabirdham (Kawardha)	Bodla	Khairbana Kalan	39	1205	1244	13	0	13
Kabirdham (Kawardha)	Bodla	Khara	178	1306	1484	13	2	11
Kanker	Charama	Tuaguhan	16	299	315	13	1	12
Kanker	Narharpur	Bagod	29	421	450	13	1	12
Kanker	Narharpur	Ankhiharra	46	429	475	13	1	12
Kanker	Pakhanjur	Jiramtarai	37	464	501	13	1	12
Kanker	Pakhanjur	Purshotam Nagar	3	820	823	13	0	13
Kondagaon	Keskal	Palora	60	610	670	13	1	12
Kondagaon	Keskal	Binjhe	61	1090	1151	13	1	12

Korba	Poundi-Uproda	Pangawa	115	590	705	13	2	11
Korba	Korba	Sumedha Ward	86	1121	1207	13	1	12
Korba	Poundi-Uproda	Laingi	139	1612	1751	13	1	12
Korea	Baikunthpur	Narkeli	18	546	564	13	0	13
Korea	Bharatpur	Badgaon Khurd	174	811	985	13	2	11
Mahasamund	Saraipali	Harratar	0	286	286	13	0	13
Mahasamund	Pithora	Remda	6	341	347	13	0	13
Mahasamund	Basna	Badedabha	19	333	352	13	1	12
Mahasamund	Mahasamund	Banseoni	15	451	466	13	0	13
Mahasamund	Pithora	Sona Silli	60	566	626	13	1	12
Mungeli	Lormi	Bhaskara	35	399	434	13	1	12
Mungeli	Pathariya	Rambod	78	759	837	13	1	12
Narayanpur	Narayanpur	Bharanda	33	487	520	13	1	12
Narayanpur	Orchha	Basing	57	824	881	13	1	12
Raigarh	Lailunga	Budikurtan Ward	26	235	261	13	1	12
Raigarh	Lailunga	Kendatikra	20	246	266	13	1	12
Raigarh	Tamnar	Tangarghat	42	448	490	13	1	12
Raigarh	Gharghoda	Bichinara	13	480	493	13	0	13
Raigarh	Udaipur (Dharamjaigarh)	Dhaskamunda	89	450	539	13	2	11
Raigarh	Udaipur (Dharamjaigarh)	Hati	104	437	541	13	2	11
Raipur	Raipur	Tendua-1	357	590	947	13	5	8
Raipur	Tilda	Sungera	0	1111	1111	13	0	13
Rajnandgaon	Ambagarh	Hathi Kanhar	6	299	305	13	0	13
Rajnandgaon	Ambagarh	Parsa Tola	4	330	334	13	0	13
Rajnandgaon	Khairagarh	Udri Nawagaon	14	455	469	13	0	13
Rajnandgaon	Chhuikhadan	Chhirahidih	105	382	487	13	3	10
Rajnandgaon	Chhuriya	Jodhra	23	748	771	13	0	13
Rajnandgaon	Chhuriya	Padguda	13	777	790	13	0	13
Rajnandgaon	Rajnandgaon	Gadhula	65	1019	1084	13	1	12
Sukma	Konta	Bodrajpad	0	785	785	13	0	13
Sukma	Konta	Misma	16	2169	2185	13	0	13
Surajpur	Oudgi	Kuppa	113	826	939	13	2	11
Surajpur	Ramanujnagar	Surata	299	1467	1766	13	2	11
Surguja	Lundra	Chitarpur	101	757	858	13	2	11
Surguja	Lakhanpur	Puhputra	606	2034	2640	13	3	10
		TOTAL	6143	58176	64319	975	81	894

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

FMD/SEROMON/NIVEDI/ROUND-IV/Daman And Diu_9/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 50 + (Cattle + Buffalo) = 45

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.13

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 22

Total No of Animals to be Sampled = 272

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)
Daman	Daman	Dadhel Ct	40	21	61	12	8	4
Daman	Daman	Magarwada	47	103	150	13	4	9
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Surangi	0	216	216	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Medha	0	232	232	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Khutali	0	281	281	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Dolara	0	392	392	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Rudana	0	479	479	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Bildhari	0	493	493	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Chinchpada	0	522	522	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Bedpa	0	583	583	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Nana Randha	2	644	646	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Kauncha	2	701	703	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Dapada	5	729	734	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Morkhal	14	841	855	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Amboli	2	857	859	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Mandoni	46	845	891	13	1	12
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Vasona	14	973	987	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Kherdi	16	1033	1049	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Khanvel	0	1187	1187	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Chikhali	0	1211	1211	13	0	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Sili	0	2319	2319	13	0	13
		TOTAL	188	14662	14850	272	13	259

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

FMD/SEROMON/NIVEDI/ROUND-IV/Delhi_9/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 262

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.06

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 53

Total No of Animals to be Sampled = 671

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)
CENTRAL	BURARI	KADIPUR	35	116	151	13	3	10
CENTRAL	BURARI	BURARI	229	226	455	13	7	6
CENTRAL	MATIA MAHAL	DELHI GATE	597	15	612	13	13	0
NEW DELHI	Vasant Vihar	Nangal Dewat	10	28	38	12	3	9
EAST	KONDLI	DALLUPURA	15955	1085	17040	13	12	1
NORTH	ADARSH NAGAR	ADARSH NAGAR	0	82	82	12	0	12
NORTH	Alipur	Sungar Pur Delhi	86	69	155	13	7	6
NORTH	BADLI	SAMAYPUR BADLI	150	247	397	13	5	8
NORTH	NARELA	ALIPUR	353	272	625	13	7	6
NORTH	Narela	Mungesh Pur	470	170	640	13	10	3
NORTH	Alipur	Palla	481	199	680	13	9	4
NORTH	NARELA	BANKNER	619	177	796	13	10	3
NORTH	Narela	Bazid Pur Thakran	573	325	898	13	8	5
NORTH	Narela	Harevli	540	4143	4683	13	1	12
NORTH	BADLI	SARAI PIPAL THALA	11	20	31	11	4	7
NORTH EAST	Karawal Nagar	Baqiabad	27	15	42	12	8	4
NORTH EAST	KARAWAL NAGAR	KARAWAL NAGAR-EAST	57	77	134	13	6	7
NORTH EAST	MUSTAFABAD	MUSTAFABAD	128	7	135	13	12	1
NORTH EAST	GOKALPUR	YAMUNA VIHAR	214	27	241	13	12	1
NORTH EAST	Karawal Nagar	Badar Pur Khadar	403	11	414	13	13	0
NORTH EAST	BABARPUR	KARDAM PURI	20	8	28	11	8	3
NORTH WEST	RITHALA	ROHINI-B	0	166	166	13	0	13
NORTH WEST	Rohini	Mubarikpur Dabas Village	78	126	204	13	5	8
NORTH WEST	KIRARI	AMAN VIHAR	384	11	395	13	13	0
NORTH WEST	Saraswati Vihar	Saoda	166	677	843	13	3	10
NORTH WEST	Kanjhwala	Mohammad Pur Majri	387	461	848	13	6	7
NORTH WEST	Kanjhwala	Ghewra	693	259	952	13	9	4
SHAHDARA	ROHTAS NAGAR	WELCOME COLONY	63	8	71	12	11	1
NORTH WEST	Kanjhwala	Lad Pur	97	23	120	13	11	2
SOUTH	MALVIYA NAGAR	HAUZ KHAS	0	14	14	9	0	9
SHAHDARA	ROHTAS NAGAR	ROHTASH NAGAR	14	14	28	11	6	5
SOUTH	Saket	Neb Sarai	202	123	325	13	8	5
SHAHDARA	SHAHDARA	SHAHDARA	249	97	346	13	9	4
SOUTH	DEOLI	DEOLI	189	171	360	13	7	6
SOUTH	Saket	Maidan Garhi	88	282	370	13	3	10

SOUTH	CHHATARPUR	CHHATARPUR	26	68	94	13	4	9
SOUTH	Saket	Asola	422	559	981	13	6	7
SOUTH WEST	Kapeshera	Asalat Pur Khawad	15	19	34	11	5	6
SOUTH WEST	Najafgarh	Qazi Pur	160	183	343	13	6	7
SOUTH WEST	Kapeshera	Rawta	257	128	385	13	9	4
SOUTH WEST	Kapeshera	Kharkhari Rond	276	158	434	13	8	5
SOUTH WEST	Kapeshera	Paprawat	611	272	883	13	9	4
SOUTH WEST	Najafgarh	Malik Pur zer Najafgarh	547	396	943	13	8	5
SOUTH WEST	CHHAWLA	CHHAWLA	880	3187	4067	13	3	10
SOUTH WEST	MATIALA	KAKRAULA	2165	1945	4110	13	7	6
SOUTH WEST	NAJAFGARH	DICHAON KALAN	791	7006	7797	13	1	12
SOUTH WEST	Najafgarh	Khaira	5037	2816	7853	13	8	5
WEST	NANGLOI JAT	PEERA GARHI	20	10	30	11	7	4
WEST	Punjabi Bagh	Shafi Pur Ranholia	199	79	278	13	9	4
SOUTH WEST	Kapeshera	Jhatikra	155	160	315	13	6	7
WEST	RAJINDER NAGAR	INDER PURI	342	144	486	13	9	4
WEST	Punjabi Bagh	Kamaruddin Nagar	3850	1284	5134	13	10	3
WEST	NANGLOI JAT	NANGLOI JAT	3408	2074	5482	13	8	5
		TOTAL	42729	30239	72968	671	372	299

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/SEROMON/NIVEDI/ROUND-IV/Goa_10/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 432

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.06

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 54

Total No of Animals to be Sampled = 686

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
North Goa	Bicholim	Bicholim (M Cl) - Ward No.6	0	25	25	11	0	11
North Goa	Satari	Satrem	11	29	40	12	3	9
North Goa	Tiswadi	Curca	31	19	50	12	7	5
North Goa	Satari	Padeli	17	39	56	12	4	8
North Goa	Satari	Siroli	22	42	64	12	4	8
North Goa	Satari	Nagargao	27	38	65	12	5	7
North Goa	Satari	Surla	33	46	79	12	5	7
North Goa	Satari	Sanvordem	11	87	98	13	1	12
North Goa	Satari	Sonal	30	70	100	13	4	9
North Goa	Satari	Sanvorcem	0	102	102	13	0	13
North Goa	Bardez	Tivim	45	143	188	13	3	10
North Goa	Satari	Ustem	50	144	194	13	3	10
North Goa	Pernem	Paliem	79	117	196	13	5	8
North Goa	Bardez	Corjuem	92	111	203	13	6	7
North Goa	Bicholim	Dumacem	17	205	222	13	1	12
North Goa	Bardez	Aldona (Ct)	43	180	223	13	3	10
North Goa	Bicholim	Mencurem	98	140	238	13	5	8
North Goa	Satari	Melauli	35	204	239	13	2	11
North Goa	Bicholim	Mulgao	113	130	243	13	6	7
North Goa	Bicholim	Amone	98	184	282	13	5	8
North Goa	Bicholim	Piligao	98	202	300	13	4	9
North Goa	Pernem	Arambol (Ct)	27	336	363	13	1	12
North Goa	Valpoi	Valpoi (M Cl) - Ward No.5	20	399	419	13	1	12
North Goa	Pernem	Chandel	103	495	598	13	2	11
North Goa	Bicholim	Curchirem	322	379	701	13	6	7
North Goa	Pernem	Ibrampur	239	532	771	13	4	9
North Goa	Bicholim	Maem	181	805	986	13	2	11
South Goa	Ponda	Ponda (M Cl) - Ward No.1	0	19	19	10	0	10
South Goa	Margao	Margao (M Cl) - Ward No.5	28	0	28	11	11	0
South Goa	Sanguem	Tudou	0	44	44	12	0	12
South Goa	Salcete	Camurlim	35	36	71	12	6	6
South Goa	Sanguem	Sanvordem (Ct)	36	44	80	12	5	7
South Goa	Salcete	Vanelim	25	65	90	13	4	9

South Goa	Mormugao	Cansaulim	8	108	116	13	1	12
South Goa	Dharbandora	Bandoli	40	86	126	13	4	9
South Goa	Ponda	Orgao (Ct)	116	49	165	13	9	4
South Goa	Salcete	Utorda	34	136	170	13	3	10
South Goa	Sanguem	Curpem	23	163	186	13	2	11
South Goa	Quepem	Quedem	0	192	192	13	0	13
South Goa	Sanguem	Nundem	2	213	215	13	0	13
South Goa	Quepem	Pirla	17	218	235	13	1	12
South Goa	Ponda	Betqui	90	151	241	13	5	8
South Goa	Cuncolim	Cuncolim (M Ct) - Ward No.8	169	83	252	13	9	4
South Goa	Sanguem	Vichundrem	59	302	361	13	2	11
South Goa	Salcete	Carmona	171	216	387	13	6	7
South Goa	Dharbandora	Molem	209	208	417	13	7	6
South Goa	Dharbandora	Colem	167	260	427	13	5	8
South Goa	Dharbandora	Darbandora	94	335	429	13	3	10
South Goa	Salcete	Varca (Ct)	262	220	482	13	7	6
South Goa	Sanguem	Bati	22	496	518	13	1	12
South Goa	Salcete	Chinchinim (Ct)	149	371	520	13	4	9
South Goa	Canacona	Loliem	164	370	534	13	4	9
South Goa	Salcete	Benaulim (Ct)	379	211	590	13	8	5
South Goa	Quepem	Quitol	357	350	707	13	7	6
		TOTAL	4498	10149	14647	686	206	480

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

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

FMD/SEROMON/NIVEDI/ROUND-IV/Gujarat_11/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 12476

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.02

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 165 (+5 Villages Reserved)

Total No of Animals to be Sampled = 2145

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	Daskroi	Miroli	819	177	996	13	11	2
AHMADABAD	Bavla	Vasna Nanodara	830	166	996	13	11	2
AHMADABAD	Sanand	Virochannagar	1955	741	2696	13	9	4
AHMADABAD	Ahmadabad	Ahmadabad (M Corp.) - Ward	2779	2267	5046	13	7	6
AMRELI *	Lathi	Kanchardi	109	165	274	13	5	8
AMRELI	Bagasara	Vaghaniya Nava	165	145	310	13	7	6
AMRELI	Savar Kundla	Ankolada	387	168	555	13	9	4
AMRELI	Lilia	Sanjantimba	220	414	634	13	5	8
AMRELI	Amreli	Chandgadh	535	364	899	13	8	5
AMRELI	Dhari	Monvel	1368	841	2209	13	8	5
ANAND	Borsad	Vachhiyel	1371	258	1629	13	11	2
ANAND	Borsad	Nisaraya	1640	880	2520	13	8	5
ANAND	Khambhat	Mitli	1346	1467	2813	13	6	7
ARVALLI	Bayad	Bhukhel	168	323	491	13	4	9
ARVALLI	Dhansura	Kanal	331	326	657	13	7	6
ARVALLI	Meghraj	Varthali	837	630	1467	13	7	6
ARVALLI	Bhiloda	Narsoli	651	839	1490	13	6	7
ARVALLI	Meghraj	Sisodara (Adepur)	1118	1016	2134	13	7	6
ARVALLI	Dhansura	Ramos	768	1789	2557	13	4	9
BANAS KANTHA *	Danta	Ambaghanta	28	109	137	13	3	10
BANAS KANTHA	Dantiwada	Ganguwada	679	279	958	13	9	4
BANAS KANTHA	Vadgam	Dharewada	208	823	1031	13	3	10
BANAS KANTHA	Dhanera	Kotda (Raviya)	719	986	1705	13	5	8
BANAS KANTHA	Danta	Mota Pipodara	928	809	1737	13	7	6
BANAS KANTHA	Deesa	Chora	1204	1251	2455	13	6	7
BANAS KANTHA	Palanpur	Ranawas	821	1657	2478	13	4	9
BANAS KANTHA	Deodar	Jalodha	1901	1596	3497	13	7	6
BANAS KANTHA	Deesa	Dharpada	2077	2022	4099	13	7	6
BANAS KANTHA	Dhanera	Dugdol Nani	1886	2241	4127	13	6	7
BANAS KANTHA	Dantiwada	Dantiwada	3880	4753	8633	13	6	7
BANAS KANTHA	Kankrej	Khimana(Palodar Na Vas)	7824	2606	10430	13	10	3
BHARUCH	Bharuch	Cholad	137	66	203	13	9	4
BHARUCH	Bharuch	Sindhotal	217	22	239	13	12	1
BHARUCH	Bharuch	Jhangar	321	31	352	13	12	1
BHARUCH	Jhagadia	Prankad	312	98	410	13	10	3
BHARUCH	Jhagadia	Moran	281	381	662	13	6	7
BHARUCH	Jhagadia	Fichwada (Sarkari)	654	237	891	13	10	3
BHAVNAGAR	Gariadhar	Manguka	64	107	171	13	5	8
BHAVNAGAR	Bhavnagar	Savainagar	264	197	461	13	7	6
BHAVNAGAR	Mahuva	Kalela	650	164	814	13	10	3

BHAVNAGAR	Jesar	Bhanvadiya	560	319	879	13	8	5
BHAVNAGAR	Talaja	Padari (Bhammar)	1644	336	1980	13	11	2
BHAVNAGAR	Bhavnagar	Kalatalav	2185	3638	5823	13	5	8
BOTAD*	Botad	Botad (M) - Ward No.7	427	689	1116	13	5	8
BOTAD	Gadhada	Tatam	644	2769	3413	13	2	11
CHHOTAUDEPUR	BODELI	Desan	124	110	234	13	7	6
CHHOTAUDEPUR	Sankheda	Gunder	270	82	352	13	10	3
CHHOTAUDEPUR	Kavant	Gelesar	178	435	613	13	4	9
CHHOTAUDEPUR	Chhota Udaipur	Dungarbhint	270	422	692	13	5	8
CHHOTAUDEPUR	Chhota Udaipur	Oliamba	269	482	751	13	5	8
CHHOTAUDEPUR	Chhota Udaipur	Khadakwada	359	599	958	13	5	8
CHHOTAUDEPUR	Chhota Udaipur	Malaja	516	756	1272	13	5	8
CHHOTAUDEPUR	Kavant	Kanalva	731	2769	3500	13	3	10
DANG	Subir	Behdun	12	356	368	13	0	13
DANG	Subir	Gawhan	74	469	543	13	2	11
DANG	Waghai	Dagadiamba	71	710	781	13	1	12
DEVVBHUMI DWARKA	Dwarka	Dwarka (M) - No.4 Ward	493	836	1329	13	5	8
DEVVBHUMI DWARKA	Khambhalia	Sinhan Aher	1392	586	1978	13	9	4
DOHAD *	Jhalod	Thunthi Kankasiya	148	414	562	13	3	10
DOHAD	Dhanpur	Lakhana Gojiya	354	622	976	13	5	8
DOHAD	Garbada	Nimach	385	758	1143	13	4	9
DOHAD	Fatepura	Karmel	451	1137	1588	13	4	9
DOHAD	Dohad	Kotda Khurd	1160	1541	2701	13	6	7
DOHAD	Dohad	Uchavaniya	986	2413	3399	13	4	9
DOHAD	Fatepura	Ghughas	730	2704	3434	13	3	10
GANDHINAGAR	Kalol Gandhinagar	Santej	1206	121	1327	13	12	1
GANDHINAGAR	Mansa	Ridrol	1263	1009	2272	13	7	6
GIR SOMNATH	Kodinar	Fafni Moti	458	926	1384	13	4	9
GIR SOMNATH	Una	Gangda	549	1224	1773	13	4	9
GIR SOMNATH	Sutrapada	Rakhej	1625	1223	2848	13	7	6
JAMNAGAR	Jamjodhpur	Chiroda Sang	426	250	676	13	8	5
JAMNAGAR	Kalavad	Mota Bhadukiya	417	500	917	13	6	7
JAMNAGAR	Kalavad	Napaniya Khijadiya	648	618	1266	13	7	6
JUNAGADH	Vanthali	Bandhda	281	75	356	13	10	3
JUNAGADH	Malia Hatina	Bhanduri	266	263	529	13	7	6
JUNAGADH	Vanthali	Zampodad	331	225	556	13	8	5
JUNAGADH	Mangrol	Darsali	290	621	911	13	4	9
JUNAGADH	Keshod	Keshod (M) - Ward No.9	1190	636	1826	13	8	5
KACHCHH	Rapar	Somanvi Vandh	182	171	353	13	7	6
KACHCHH	Abdasa	Sanyara	78	369	447	13	2	11
KACHCHH	Bhuj	Kuran	228	522	750	13	4	9
KACHCHH	Abdasa	Sandhan	310	707	1017	13	4	9
KACHCHH	Bhachau	Kadol	471	714	1185	13	5	8
KACHCHH	Rapar	Nilpar	880	504	1384	13	8	5
KACHCHH	Nakhatrana	Nakhatrana Nana	661	1080	1741	13	5	8
KACHCHH	Rapar	Suvai	479	1762	2241	13	3	10
KACHCHH	Bhuj	Gajod	264	2546	2810	13	1	12
KHEDA	Kapadvanj	Ramosadi	642	409	1051	13	8	5
KHEDA	Kapadvanj	Chikhlod	991	491	1482	13	9	4
KHEDA	Kheda	Dhathal	639	1007	1646	13	5	8
KHEDA	Vaso	Mitral	1885	669	2554	13	10	3
KHEDA	Kathlal	Porda Bhatera	2053	884	2937	13	9	4
MAHESANA	Jotana	Modipur	339	222	561	13	8	5

MAHESANA	Visnagar	Visnagar (M) - Ward No.2	213	664	877	13	3	10
MAHESANA	Kadi	Aldesan	643	311	954	13	9	4
MAHESANA	Satlasana	Khodamali	607	726	1333	13	6	7
MAHESANA	Satlasana	Bhalusana	1184	1112	2296	13	7	6
MAHESANA	Vadnagar	Vadnagar (M) - Ward No.6	2386	399	2785	13	11	2
Mahisagar	Santrampur	Galakhedi	122	85	207	13	8	5
Mahisagar	Lunawada	Chavadiya	326	138	464	13	9	4
Mahisagar	Santrampur	Bavana Saliya	358	287	645	13	7	6
Mahisagar	Khanpur	Badesara	623	463	1086	13	7	6
Mahisagar	Lunawada	Jetharibor	305	945	1250	13	3	10
Mahisagar	Lunawada	Charangam (Nannar)	1142	511	1653	13	9	4
Mahisagar	Virpur	Koydam	1427	5405	6832	13	3	10
MORBI	Maliya	Vavaniya	765	174	939	13	11	2
MORBI	Halvad	Malaniyad	599	921	1520	13	5	8
NARMADA	GARUDESHWAR	Dhamiala	58	88	146	13	5	8
NARMADA	Dediapada	Vadivav	37	265	302	13	2	11
NARMADA	Tilakwada	Vajiriya	131	318	449	13	4	9
NARMADA	Tilakwada	Namariya	474	44	518	13	12	1
NARMADA	GARUDESHWAR	Timrava	73	530	603	13	2	11
NARMADA	Nandod	Gagar	32	718	750	13	1	12
NAVSARI	Bansda	Moti Bhamtia	60	697	757	13	1	12
NAVSARI	Chikhli	Balwada	216	676	892	13	3	10
NAVSARI	Bansda	Dharampuri	50	945	995	13	1	12
PANCH MAHALS	Shehera	Ramjini Nal	160	181	341	13	6	7
PANCH MAHALS	Halol	Vankadia	245	192	437	13	7	6
PANCH MAHALS	Godhra	Gadukpur	687	473	1160	13	8	5
PANCH MAHALS	Shehera	Bahi	490	812	1302	13	5	8
PANCH MAHALS	Morwa (Hadaf)	Matariya Vadi	930	694	1624	13	7	6
PANCH MAHALS	Shehera	Bodidra khurd	1214	882	2096	13	8	5
PATAN	Chanasma	Bhatvasana	613	43	656	13	12	1
PATAN	Radhanpur	Dholakda	791	499	1290	13	8	5
PATAN	Saraswati	Ghacheli	1016	298	1314	13	10	3
PATAN	Saraswati	Bhilvan	1622	50	1672	13	13	0
PATAN	Saraswati	Vamaiya	3114	443	3557	13	11	2
PORBANDAR	Porbandar	Khapat (OG) - Ward No.17	808	532	1340	13	8	5
PORBANDAR	Kutiyana	Dhruvala	1750	464	2214	13	10	3
RAJKOT	Lodhika	Jashvantpur	30	190	220	13	2	11
RAJKOT	Upleta	Upleta (M) - Ward No.6	366	212	578	13	8	5
RAJKOT	Gondal	Hadmadiya	353	332	685	13	7	6
RAJKOT	Kotda Sangani	Noghanchora	393	524	917	13	6	7
RAJKOT	Upleta	Dhank	880	534	1414	13	8	5
RAJKOT	Rajkot	Rajkot (M Corp.) - Ward No.15	27	4035	4062	13	0	13
SABAR KANTHA	Talod	Talod (M) - Ward No.3	270	120	390	13	9	4
SABAR KANTHA	Vijaynagar	Navagam (Dhanela)	317	265	582	13	7	6
SABAR KANTHA	Prantij	Raslod	874	439	1313	13	9	4
SABAR KANTHA	Vijaynagar	Chandvasa	1194	207	1401	13	11	2
SABAR KANTHA	Khedbrahma	Unchi Dhanal	852	1448	2300	13	5	8
SABAR KANTHA	Himatnagar	Hadiyol	2004	488	2492	13	10	3
SURAT	Olpad	Kanbhi	34	123	157	13	3	10
SURAT	Olpad	Veluk	213	101	314	13	9	4
SURAT	Kamrej	Parab	502	239	741	13	9	4
SURAT	Mandvi surat	Kim Dungra	511	402	913	13	7	6
SURAT	Mandvi surat	Karutha	648	452	1100	13	8	5

SURAT	Mahuva	Kadhaiya	370	1200	1570	13	3	10
SURAT	Mangrol	Kumvarda	526	1080	1606	13	4	9
SURENDRANAGAR *	Dhrangadhra	Gopalgadh	338	181	519	13	8	5
SURENDRANAGAR	Limbdi	Rojasar	452	673	1125	13	5	8
SURENDRANAGAR	Dasada	Padiwada	669	567	1236	13	7	6
SURENDRANAGAR	Limbdi	Mulbavla	753	638	1391	13	7	6
SURENDRANAGAR	Dhrangadhra	Narichana	667	1730	2397	13	4	9
TAPI	Songadh	Tokarva (Jamankuva)	161	234	395	13	5	8
TAPI	Songadh	Bharadada	423	286	709	13	8	5
TAPI	Nizar	Bortha	280	628	908	13	4	9
TAPI	Uchchhal	Selud	630	418	1048	13	8	5
TAPI	Nizar	Shale	468	897	1365	13	4	9
VADODARA	Sinor	Tersa	104	162	266	13	5	8
VADODARA	Vadodara	VMC Ward No-4	49	380	429	13	1	12
VADODARA	Vaghodia	Vedpur	525	116	641	13	11	2
VADODARA	Sinor	Diver	233	431	664	13	5	8
VADODARA	Vadodara Rural	Dodka	675	230	905	13	10	3
VADODARA	Karjan	Vemardi	425	605	1030	13	5	8
VALSAD	Valsad	Atar	34	85	119	13	4	9
VALSAD	Kaprada	Nali Madhani	3	519	522	13	0	13
VALSAD	Kaprada	Bhurval	111	547	658	13	2	11
VALSAD	Kaprada	Burla	12	921	933	13	0	13
VALSAD	Valsad	Gorgam	115	1227	1342	13	1	12
VALSAD	Kaprada	Moti Palsan	408	3033	3441	13	2	11
		TOTAL	119107	127995	247102	2210	1068	1142

*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 165	2145
b: Block Name	g : Number of units to sample	Reserved Villages 5	65
c: Village Name	h: Buffalo Proportion	Total Samples	2210
d: Buffalo Population	i: Cattle Proportion		
e: Cattle Population			

FMD/SEROMON/NIVEDI/ROUND-IV/Haryana_12/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 6817

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.025

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 132 (+4 Villages Reserved)

Total No of Animals to be Sampled = 1716

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	Sherpur (285)	159	136	295	13	7	6
AMBALA	Barara	Harra (198)	212	114	326	13	8	5
AMBALA	Ambala	Adho Majra (278)	259	75	334	13	10	3
AMBALA	Barara	Jalubi (248)	306	136	442	13	9	4
AMBALA	Barara	Khan Ahmadpur (144)	406	127	533	13	10	3
AMBALA	Barara	Phusiala (218)	305	230	535	13	7	6
AMBALA	Barara	Alawalpur (239)	372	192	564	13	9	4
AMBALA	Barara	Subga (217)	386	293	679	13	7	6
BHIWANI*	Bhiwani	Jhundawas (143)	145	49	194	13	10	3
BHIWANI	Bhiwani	Golpura (55)	625	106	731	13	11	2
BHIWANI	Tosham	Sahlewala (75)	632	272	904	13	9	4
BHIWANI	Bawani Khera	Bohal (37)	854	159	1013	13	11	2
BHIWANI	Tosham	Kirawar (38)	1013	362	1375	13	10	3
BHIWANI	Bhiwani	Sanga (116)	1127	252	1379	13	11	2
BHIWANI	Bhiwani	Chang (5)	2371	809	3180	13	10	3
CHARKI DADRI	Dadri	Chanden(65)	787	218	1005	13	10	3
CHARKI DADRI	Badhra	Dwarka(31)	1118	308	1426	13	10	3
CHARKI DADRI	Dadri	Samaspur (164)	1433	361	1794	13	10	3
FARIDABAD	Faridabad	Faridabad (M Corp.) - Ward No.24	485	181	666	13	9	4
FARIDABAD	Ballabgarh	Nawada Tigaon(84)	1041	132	1173	13	12	1
FATEHABAD	Fatehabad	Chughe Ahli	179	52	231	13	10	3
FATEHABAD	Fatehabad	Nakhatia	252	118	370	13	9	4
FATEHABAD	Tohana	Bhodi(100)	597	211	808	13	10	3
FATEHABAD	Fatehabad	Dholu (78)	747	211	958	13	10	3
FATEHABAD	Fatehabad	Baijalpur(186)	1509	405	1914	13	10	3
FATEHABAD	Ratia	Phoolan(102)	1353	720	2073	13	8	5
GURUGRAM	Manesar	Dinokari(141)	290	106	396	13	10	3
GURUGRAM	Sohna	Ghangola(212)	455	149	604	13	10	3
GURUGRAM	Sohna	Kherli Lala(220)	514	128	642	13	10	3
GURUGRAM	Farrukhnagar	Khera Khurampur(8)	716	12	728	13	13	0
GURUGRAM	Pataudi	Rampur(45)	241	993	1234	13	3	10
HISAR *	Narnaund	Narnaund (MC) - Ward No.13	153	15	168	13	12	1
HISAR	Hisar	Basra	678	257	935	13	9	4
HISAR	Narnaund	Majra (104)	1348	252	1600	13	11	2
HISAR	Hisar	Meengni Khera(171)	824	992	1816	13	6	7
HISAR	Adampur	Bhana(24)	1717	771	2488	13	9	4
HISAR	Hansi	Gurana(20)	2716	1653	4369	13	8	5
HISAR	Hisar	Pabra(65)	4092	1839	5931	13	9	4
JHAJJAR	Bahadurgarh	Bahadurgarh (M Cl) - Ward No.23	144	92	236	13	8	5
JHAJJAR	Maten hail	Amadal Shahpur(201)	306	51	357	13	11	2

JHAJJAR	Jhajjar	Kheri Hosdarpur(207)	586	148	734	13	10	3
JHAJJAR	Jhajjar	Khakhana(237)	731	165	896	13	11	2
JHAJJAR	Beri	Gochhi(8)	1249	344	1593	13	10	3
JHAJJAR	Beri	Majra(135)	1745	193	1938	13	12	1
JIND	Jind	Jind (M Cl) - Ward No.30	120	39	159	13	10	3
JIND	Jind	Lalit Khera (7)	690	114	804	13	11	2
JIND	Jind	Ramkali (48)	956	270	1226	13	10	3
JIND	Jind	Ikas (12)	1151	209	1360	13	11	2
JIND	Jind	Jajwan (1)	1533	365	1898	13	11	2
JIND	Safidon	Morkhi (11)	2265	406	2671	13	11	2
JIND *	Safidon	Muana (63)	3956	1325	5281	13	10	3
KAITHAL	Kaithal	Gohran (84)	155	64	219	13	9	4
KAITHAL	Kaithal	Saran (43)	398	45	443	13	12	1
KAITHAL	Guhla	POLAD	527	256	783	13	9	4
KAITHAL	Kaithal	Kheri Sher Khan (74)	994	317	1311	13	10	3
KAITHAL	Kaithal	Kharak Pandwan(29)	1403	246	1649	13	11	2
KAITHAL	Fatehpur Pundri	Teontha (21)	1378	655	2033	13	9	4
KARNAL	Karnal	Mughal Majra (58)	130	86	216	13	8	5
KARNAL	Nilokheri	Patnapuri (10)	226	209	435	13	7	6
KARNAL	Karnal	Chhapra Khera (91)	280	267	547	13	7	6
KARNAL	Indri	Islam Nagar (42)	276	309	585	13	6	7
KARNAL	Nilokheri	Dhingtana	475	173	648	13	10	3
KARNAL	Karnal	Nalwipar (83)	494	440	934	13	7	6
KARNAL	Karnal	Gheer(59)	357	905	1262	13	4	9
KARNAL	Karnal	Sanghoi	551	797	1348	13	5	8
KARNAL	Assandh	Rahra (73)	2698	1480	4178	13	8	5
KURUKSHETRA	Pehowa	Morthali (35)	166	77	243	13	9	4
KURUKSHETRA	Thanesar	Kalwa (136)	213	50	263	13	11	2
KURUKSHETRA	Thanesar	Mahuwa Kheri(161)	187	209	396	13	6	7
KURUKSHETRA	Thanesar	Haria Pur (392)	195	231	426	13	6	7
KURUKSHETRA	Thanesar	Kasithal (110)	247	222	469	13	7	6
KURUKSHETRA	Pehowa	Gangheri (324)	351	319	670	13	7	6
KURUKSHETRA	Pehowa	Rattanganh Kakrali (8)	671	235	906	13	10	3
KURUKSHETRA	Thanesar	Ramsaran Majra (147)	547	488	1035	13	7	6
KURUKSHETRA	Pehowa	Harigarh Bhorakh (17)	933	574	1507	13	8	5
MAHENDRAGARH	Narnaul	Akbarpur Ramu(170)	237	27	264	13	12	1
MAHENDRAGARH	Narnaul	Chhilro(283)	380	50	430	13	11	2
MAHENDRAGARH	Narnaul	Bhojawas(204)	547	73	620	13	11	2
MAHENDRAGARH	Narnaul	Nizampur(288)	551	74	625	13	11	2
MAHENDRAGARH	Mahendragarh	Khairoli(105)	659	63	722	13	12	1
MAHENDRAGARH	Mahendragarh	Pota(8)	715	79	794	13	12	1
MAHENDRAGARH	Narnaul	Koriawas(156)	1256	104	1360	13	12	1
MEWAT	Punahana	Bikti(225)	156	8	164	13	12	1
MEWAT	Ferozepur Jhirka	Sulela (75)	230	51	281	13	11	2
MEWAT	Punahana	Tusaini(175)	345	34	379	13	12	1
MEWAT	Punahana	Newana(173)	394	13	407	13	13	0
MEWAT	Taoru	Chilawali(61)	370	53	423	13	11	2
MEWAT	Nuh	Rozkameo(173)	542	85	627	13	11	2
MEWAT	Nuh	Dihana (124)	791	281	1072	13	10	3
MEWAT	Nuh	Indri(197)	1606	305	1911	13	11	2
PALWAL	Palwal	Jhuppa(192)	164	2	166	13	13	0
PALWAL	Hodal	Hodal (MC) - Ward No.8	295	56	351	13	11	2
PALWAL	Palwal	Dudola(40)	611	88	699	13	11	2

PALWAL	Palwal	Kalwaka(6)	606	165	771	13	10	3
PALWAL	Hathin	Chhainsa(211)	937	75	1012	13	12	1
PALWAL	Hathin	Utawar(278)	2458	313	2771	13	12	1
PANCHKULA	Panchkula	Bhoj Matour (317)	308	379	687	13	6	7
PANCHKULA	Panchkula	Raipur Rani (CT)	522	204	726	13	9	4
PANIPAT	Panipat	Ugra Kheri(19) (CT)	674	703	1377	13	6	7
PANIPAT	Samalkha	Khojgipur (77)	1480	440	1920	13	10	3
PANIPAT	Samalkha	Bapoli (54)	2127	513	2640	13	10	3
REWARI	Kosli	Bhakali II (165)	154	36	190	13	11	2
REWARI	Rewari	Bhagwanpur (121)	274	70	344	13	10	3
REWARI	Bawal	Banipur (40)	333	57	390	13	11	2
REWARI	Rewari	Bharawas (145)	337	135	472	13	9	4
REWARI	Rewari	Motha Khurd (95)	431	102	533	13	11	2
REWARI	Rewari	Gangaycha Jat (223)	474	124	598	13	10	3
REWARI	Rewari	Baldhan Khurd (97)	405	330	735	13	7	6
REWARI	Rewari	Mamaria Asampur (74)	443	856	1299	13	4	9
ROHTAK	Maham	Kharak Jatan(110)	1308	309	1617	13	11	2
ROHTAK	Maham	Madina Gindhran(99)	1622	533	2155	13	10	3
ROHTAK	Maham	Nindana(107)	3392	860	4252	13	10	3
SIRSA	Dabwali	DiwanKhera(292)	183	199	382	13	6	7
SIRSA	Ellenabad	Thobarian(119)	228	680	908	13	3	10
SIRSA	Sirsa	Nezadela Khurd(155)	800	313	1113	13	9	4
SIRSA	Dabwali	Ahamadpur (261)	533	1000	1533	13	5	8
SIRSA	Sirsa	Rampura Dhillon(24)	925	997	1922	13	6	7
SIRSA	Dabwali	Asa Khera(268)	911	1416	2327	13	5	8
SIRSA	Rania	Sant Nagar	1113	2024	3137	13	5	8
SONIPAT	Sonipat	Palri Kalan (32)	138	70	208	13	9	4
SONIPAT	Kharkhoda	Jharonti (217)	459	105	564	13	11	2
SONIPAT	Gohana	Shamri Lochab Barren (54)	562	132	694	13	11	2
SONIPAT	Ganaur	Kailana (143)	754	233	987	13	10	3
SONIPAT	Sonipat	Bagru(194)	884	474	1358	13	8	5
SONIPAT	Gohana	Banwasa (13)	1340	230	1570	13	11	2
SONIPAT*	Gohana	Bhawar (2)	2467	384	2851	13	11	2
YAMUNANAGAR	Bilaspur	Rampur Gainda (36)	70	48	118	13	8	5
YAMUNANAGAR	Chhachhrauli	Mand Kheri (319)	102	155	257	13	5	8
YAMUNANAGAR	Bilaspur	Pandon (151)	166	108	274	13	8	5
YAMUNANAGAR	Chhachhrauli	Ramkheri (329)	152	151	303	13	7	6
YAMUNANAGAR	Jagadhri	Nagla Sadhan (191)	204	187	391	13	7	6
YAMUNANAGAR	Jagadhri	Rajheri (15)	156	296	452	13	4	9
YAMUNANAGAR	Bilaspur	Chaurahi (272)	137	371	508	13	4	9
YAMUNANAGAR	Jagadhri	Barsan (3)	145	372	517	13	4	9
YAMUNANAGAR	Jagadhri	Chhari (199)	493	446	939	13	7	6
YAMUNANAGAR	Jagadhri	Khajuri (159)	355	639	994	13	5	8
		TOTAL	103112	44451	147563	1768	1241	527

*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 sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 132
Reserved Villages 4
Total Samples

1716
52
1768

FMD/SEROMON/NIVEDI/ROUND-IV/Himachal Pradesh_13/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 7400

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.03

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 110 (+2 Villages Reserved)

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)
Bilaspur	Jhanduta	Soh (66)	140	11	151	13	12	1
Bilaspur	Namhol	Bagh Kalan (18)	31	168	199	13	2	11
Bilaspur	Jhanduta	Balh Chalog (56)	155	50	205	13	10	3
Bilaspur	Jhanduta	Dahad (126)	308	24	332	13	12	1
Bilaspur	Ghumarwin	Bari Majherwan (405)	492	84	576	13	11	2
Chamba	Pangi	Gawari (41)	0	117	117	13	0	13
Chamba	Chaurah	Garh (556)	12	176	188	13	1	12
Chamba	Chamba	Sehi (237)	61	207	268	13	3	10
Chamba	Saluni	Ghundera (221)	9	305	314	13	0	13
Chamba	Chamba	Mando (183)	0	408	408	13	0	13
Chamba	Bharmour	Aura	0	427	427	13	0	13
Chamba	Saluni	Bhasua (170)	39	765	804	13	1	12
Hamirpur	Barsar	Harsaur (12/7)	103	10	113	13	12	1
Hamirpur	Tira Sujanpur	Jiar (61/7)	101	29	130	13	10	3
Hamirpur	Bhoranj	Kot Langsan (43/94)	112	18	130	13	11	2
Hamirpur	Dhatwal	Sariana (34/91)	154	0	154	13	13	0
Hamirpur	Barsar	Khajian (33/34)	140	16	156	13	12	1
Hamirpur	Bhoranj	Barara (44/9)	151	29	180	13	11	2
Hamirpur	Hamirpur	Bohni (45/75)	183	43	226	13	11	2
Hamirpur	Bhoranj	Mundkher Genda (42/110)	203	90	293	13	9	4
Hamirpur	Dhatwal	Maharal (34/62)	332	27	359	13	12	1
Hamirpur *	Dhatwal	Bara Garaon (34/43)	378	74	452	13	11	2
Kangra	Kangra	Kaswara (550)	24	87	111	13	3	10
Kangra	Dera Gopipur	Dhangar Khas (494)	25	90	115	13	3	10
Kangra	Indora	Chak Naglian (25)	22	106	128	13	2	11
Kangra	Dharmasala	Bagiaria (502)	28	127	155	13	2	11
Kangra	Dharmasala	Kaland Rehr (411)	30	128	158	13	2	11
Kangra	Dera Gopipur	Garh (171)	71	89	160	13	6	7
Kangra	Dera Gopipur	Bhatehr Awal (525)	62	104	166	13	5	8
Kangra	Shahpur	Manjhiar (75)	5	181	186	13	0	13
Kangra	Nurpur	Mankot (215)	73	135	208	13	5	8
Kangra	Jawalamukhi	Tauru (306)	157	56	213	13	10	3
Kangra	Dharmasala	Lanjhni (347)	10	206	216	13	1	12
Kangra	Nurpur	Ther (82)	1	220	221	13	0	13
Kangra	Jawali	Dhar (126)	57	171	228	13	3	10
Kangra	Dera Gopipur	Jhaklehr (450)	49	212	261	13	2	11
Kangra	Nurpur	Lagor (163)	24	238	262	13	1	12
Kangra	Jawalamukhi	Pathiar (378)	224	52	276	13	11	2
Kangra	Shahpur	Sapaira (2)	98	308	406	13	3	10
Kangra	Fatehpur	Khatiyar (241)	57	349	406	13	2	11
Kangra	Indora	Bela Indora (55)	169	264	433	13	5	8
Kangra	Palampur	Gujrehra (13)	332	103	435	13	10	3

Kangra	Indora	Bhapoo (32)	51	466	517	13	1	12
Kangra	Nurpur	Lohar Pura (89)	66	476	542	13	2	11
Kinnaur	Sangla	Kilba Khas (2/1)	0	166	166	13	0	13
Kinnaur	Sangla	Kamru Khas (33/1)	0	294	294	13	0	13
Kullu	Nermand	Kushwa (17/48)	0	818	818	13	0	13
Kullu	Nermand	Lote (20/62)	0	1135	1135	13	0	13
Lahul And Spiti	Spiti	Mane Kogma (169)	0	167	167	13	0	13
Lahul And Spiti	Udaipur	D.P.F.Bardang (156)	0	210	210	13	0	13
Mandi	Thunag	Kathyala (499)	0	102	102	13	0	13
Mandi	Lad Bharol	Sihral (41)	5	108	113	13	1	12
Mandi	Jogindarnagar	Petu (282)	3	156	159	13	0	13
Mandi	Sarkaghat	Lunadha (446)	142	33	175	13	11	2
Mandi	Chachyot	Pabo (158)	5	178	183	13	0	13
Mandi	Karsog	Salana (81)	2	218	220	13	0	13
Mandi	Lad Bharol	Khaddar (161)	20	207	227	13	1	12
Mandi	Padhar	Shilag (593)	19	222	241	13	1	12
Mandi	Padhar	Ghamarda (587)	26	224	250	13	1	12
Mandi	Nihri	Manah (17)	0	252	252	13	0	13
Mandi	Mandi	Suran (419)	4	248	252	13	0	13
Mandi	Karsog	Randaul (125)	3	262	265	13	0	13
Mandi	Karsog	Kaneri (223)	0	266	266	13	0	13
Mandi	Jogindarnagar	Digli (386)	0	270	270	13	0	13
Mandi	Kotli	Sain (23)	50	334	384	13	2	11
Mandi	Sundarnagar	Bina (29)	237	160	397	13	8	5
Mandi	Mandi	Nasloh (370)	9	548	557	13	0	13
Mandi	Chachyot	Dalikar (26)	21	546	567	13	0	13
Shimla	Nankhari	Dadara (51/2)	0	110	110	13	0	13
Shimla	Nerua	Bhartau (13)	0	113	113	13	0	13
Shimla	Shimla (Rural)	Dhar (264)	5	117	122	13	1	12
Shimla	Rohru	Shekhal (111)	23	102	125	13	2	11
Shimla	Nerua	Up Mahal Kheelar (52/2)	28	112	140	13	3	10
Shimla	Seoni	Nadukhar (129)	5	150	155	13	0	13
Shimla	Chaupal	Pajarli	0	156	156	13	0	13
Shimla	Junga	Kot Mandhar (187)	4	159	163	13	0	13
Shimla	Seoni	Bag (62)	0	169	169	13	0	13
Shimla	Rampur	Khanewali (181/1)	0	186	186	13	0	13
Shimla	Shimla (Rural)	Mahauri (96)	6	185	191	13	0	13
Shimla	Nankhari	Dharan (12)	0	195	195	13	0	13
Shimla	Jubbal	Badhal (69)	0	214	214	13	0	13
Shimla	Seoni	Nehwati (151)	16	207	223	13	1	12
Shimla	Chirgaon	Ranol (25)	0	250	250	13	0	13
Shimla	Nerua	Shilgaon (160)	0	251	251	13	0	13
Shimla *	Cheta	Charauli (149)	1	328	329	13	0	13
Sirmaur	Rajgarh	Katogra Chamehechi (74)	12	149	161	13	1	12
Sirmaur	Renuka	Kakog (107)	4	172	176	13	0	13
Sirmaur	Dadahu	Panyali (48)	11	295	306	13	0	13
Sirmaur	Paonta Sahib	Pudli (63)	7	384	391	13	0	13
Sirmaur	Renuka	Charna (197)	51	415	466	13	1	12
Sirmaur	Paonta Sahib	Tokion (152)	408	435	843	13	6	7
Sirmaur	Paonta Sahib	Dhola Kuan (158)	851	773	1624	13	7	6
Solan	Darlaghat	Sohra Kanaitan (4)	32	79	111	13	4	9
Solan	Kasauli	Seola (936)	18	106	124	13	2	11
Solan	Ramshahr	Batiak (64)	84	41	125	13	9	4
Solan	Nalagarh	Kalibari (15)	137	11	148	13	12	1
Solan	Solan	Garhong (594)	0	162	162	13	0	13

Solan	Arki	Sehl (407)	59	118	177	13	4	9
Solan	Solan	Barog (801)	3	176	179	13	0	13
Solan	Kasauli	Jakhrora (932)	103	94	197	13	7	6
Solan	Darlaghat	Sakor(497)	5	200	205	13	0	13
Solan	Nalagarh	Sobhan Majra (54)	203	24	227	13	12	1
Solan	Kandaghat	Damehr (70)	16	230	246	13	1	12
Solan	Nalagarh	Raiya (48)	224	24	248	13	12	1
Solan	Solan	Bauli (827)	6	249	255	13	0	13
Solan	Nalagarh	Radyali (138)	206	61	267	13	10	3
Solan	Nalagarh	Ambwala (63)	437	87	524	13	11	2
Una	Amb	Bharwan Urf Kangrihi (106)	159	87	246	13	8	5
Una	Tahliwal	Tahliwal (NP) - Ward No.1	175	97	272	13	8	5
Una	Una	Fatehpur (223)	170	105	275	13	8	5
Una	Amb	Ram Nagar (132)	370	190	560	13	9	4
Una	Una	Bhadsali Tholian (197)	383	236	619	13	8	5
		TOTAL	9507	22374	31881	1456	415	1041

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

a: District Name	f: Buffalo + Cattle Population	Unreserved Villages 110	1430
b: Block Name	g : Number of units to sample	Reserved Villages 2	26
c: Village Name	h: Buffalo Proportion	Total Samples	1456
d: Buffalo Population	i: Cattle Proportion		
e: Cattle Population			

FMD/SEROMON/NIVEDI/ROUND-IV/Jammu And Kashmir_14/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 5094

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.04

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 82 (+6 Villages Reserved)

Total No of Animals to be Sampled = 1066

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)
Anantnag	Bijbehara	Niyana Gund Baba Khalil	0	292	292	13	0	13
Anantnag	Pahalgam	Chrari Gam	0	311	311	13	0	13
Anantnag	Shangus	Kriri	0	351	351	13	0	13
Anantnag	Anantnag	Hugam	0	565	565	13	0	13
Anantnag	Dooru	Omoh	98	659	757	13	2	11
Anantnag	Kokernag	Gad Wail	37	1047	1084	13	0	13
Badgam	Chadura Municipal	Chadura (MC) WARD NO.-0012	0	132	132	13	0	13
Badgam	Chadoora	Gangi Pora	0	227	227	13	0	13
Badgam	Budgam	Parisabad Pora	0	269	269	13	0	13
Badgam	Chadoora	Bonen	0	318	318	13	0	13
Badgam	Beerwah	Chewdara	0	515	515	13	0	13
Badgam	Chadoora	Gulnaz (Panzan)	0	679	679	13	0	13
Badgam	Khag	Khag	0	696	696	13	0	13
Bandipora	Hajan	Hajan (NAC) - Ward No.3	0	425	425	13	0	13
Bandipora	Bandipora	Qazipora Patushi	0	824	824	13	0	13
Baramulla *	Pattan	Kanlu	0	130	130	13	0	13
Baramulla	Uri	Hathlanga	56	110	166	13	4	9
Baramulla	Pattan	Pattan (NAC) - Ward No.1	0	247	247	13	0	13
Baramulla	Boniyar	Maidanan	62	271	333	13	2	11
Baramulla	Sopore	Rampora Rajpur	0	531	531	13	0	13
Baramulla	Tangmarg	Taj Pora (Osan Bangil)	0	578	578	13	0	13
Baramulla	Boniyar	Salamabad Dachhna	77	811	888	13	1	12
Doda	Kastigarh	Mandole	0	224	224	13	0	13
Doda	Doda	Masri	13	499	512	13	0	13
Doda	Thathri	Sichal	244	309	553	13	6	7
Doda	Doda	Bhart	279	1007	1286	13	3	10
Doda	Doda	Gadetar	38	2386	2424	13	0	13
Ganderbal *	Ganderbal	Urpash	3	530	533	13	0	13
Ganderbal	Kangan	Chater Gul	21	2435	2456	13	0	13
Jammu	Jammu Municipal Corporation	Jammu (Corporation) - Ward	20	136	156	13	2	11
Jammu	Bishnah	Muzaffar Pur	28	149	177	13	2	11
Jammu	Bishnah	Khoji Pur	27	207	234	13	2	11
Jammu	Akhnoor	Balgara	116	196	312	13	5	8
Jammu	Jammu	Machliyan	5	349	354	13	0	13
Jammu	Jammu	Saroda	29	453	482	13	1	12
Jammu	Jammu	Beli Bakayan	470	40	510	13	12	1
Jammu	Jammu	Raipur Domana (Ct)	205	483	688	13	4	9
Jammu	Jammu	Khade	663	168	831	13	10	3
Jammu *	Jammu	Sunjwan(Og)	1224	757	1981	13	8	5
Kargil	Sankoo	Nagmakusar	0	381	381	13	0	13

Kargil	Kargil	Hardas	0	650	650	13	0	13
Kathua	Kathua	Tarf Pain	69	51	120	13	7	6
Kathua	Hiranagar	Gadiyal	35	196	231	13	2	11
Kathua	Kathua	Dhanore	143	358	501	13	4	9
Kathua	Hiranagar	Maniari	485	107	592	13	11	2
Kathua	Hiranagar	Jandi	464	520	984	13	6	7
Kathua	Billawar	Danbrah (Dambrah)	43	1725	1768	13	0	13
Kishtwar	Marwah	Barayan	0	452	452	13	0	13
Kishtwar	Marwah	Lohrma	0	1442	1442	13	0	13
Kulgam	Kulgam	Kanchlu	5	309	314	13	0	13
Kulgam	Devsar	Hablshi	0	644	644	13	0	13
Kulgam	Damhal Hanjipora	Wattoo	0	1045	1045	13	0	13
Kupwara	Karnah	Cham Koote	0	270	270	13	0	13
Kupwara	Kupwara	Thandipora	0	354	354	13	0	13
Kupwara	Kupwara	Panzgam	0	499	499	13	0	13
Kupwara	Kupwara	Khanti Pora	0	604	604	13	0	13
Kupwara *	Kupwara	Mindiyani	0	2125	2125	13	0	13
Leh Ladakh	Nubra	Udmaru	0	287	287	13	0	13
Leh Ladakh	Leh	Nimo	0	672	672	13	0	13
Poonch	Mendhar	Nar	629	103	732	13	11	2
Poonch	Mandi	Dedar Balnai (Bedar Balnai)	352	1460	1812	13	3	10
Pulwama	Pampore	Zinetrag	0	195	195	13	0	13
Pulwama	Pulwama	Hunipora	0	271	271	13	0	13
Pulwama	Awantipora	Larmoh Awan Pora	0	283	283	13	0	13
Pulwama	Pulwama	Chand Gam	0	566	566	13	0	13
Pulwama*	Pulwama	Gusu	0	675	675	13	0	13
Rajauri	Sunderbani	Dhok Bainar	73	294	367	13	3	10
Rajauri	Rajauri	Kalali	497	81	578	13	11	2
Rajauri	Kalakote	Garan Pain	294	299	593	13	6	7
Rajauri	Kalakote	Barah	662	373	1035	13	8	5
Rajauri	Sunderbani	Bakhar	237	931	1168	13	3	10
Ramban	Ramban	Sanasar	253	1067	1320	13	2	11
Ramban	Banihal	Mangot	45	3066	3111	13	0	13
Reasi	Gool-Gulabgarh	Dandakot	154	337	491	13	4	9
Reasi	Gool - Arnas	Judda	553	1077	1630	13	4	9
Samba	Samba	Mango Chak	84	127	211	13	5	8
Samba	Samba	Mandi Thalora	0	245	245	13	0	13
Samba	Samba	Sarain	57	263	320	13	2	11
Samba	Samba	Rakh Ambhtahli	56	478	534	13	1	12
Samba	Samba	Swankha	449	508	957	13	6	7
Shopian	Shopian	Sandho Shermal	0	252	252	13	0	13
Shopian	Shopian	Reban Gund Bahram	0	480	480	13	0	13
Srinagar	Srinagar	Srinagar (M.C) Ward No. 31 Chanapora	0	459	459	13	0	13
Udhampur *	Udhampur	Himbra	234	414	648	13	5	8
Udhampur	Majalta	Tajoor	200	720	920	13	3	10
Udhampur	Udhampur	Kothri	282	783	1065	13	3	10
Udhampur	Udhampur	Gandala	278	1447	1725	13	2	11
Udhampur	Udhampur	Malhar	881	1434	2315	13	5	8
		TOTAL	11229	51695	62924	1144	181	963

*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

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

Unreserved Villages 82
Reserved Villages 6
Total Samples

1066
78
1144

e: Cattle Population

FMD/SEROMON/NIVEDI/ROUND-IV/Jharkhand_15/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 13871

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.03

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

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

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)
Bokaro	Chandrapura	Dugda North	345	961	1306	13	3	10
Chatra	Mayur Hand	Sonpura Kalan	18	206	224	13	1	12
Chatra	Shaligram Ram Narayanpur(Hunterganj)	Jori Kalan	0	385	385	13	0	13
Chatra	Chatra	Loagara	34	405	439	13	1	12
Chatra	Kanha Chatti	Chiridiri	32	972	1004	13	0	13
Chatra	Shaligram Ram Narayanpur(Hunterganj)	Paini Kalan	28	1739	1767	13	0	13
Deoghar *	Madhupur	Lahiyatanr	6	147	153	13	1	12
Deoghar	Karon	Chorbaria Urf Bhabanipur	37	151	188	13	3	10
Deoghar	DEOGHAR	VII Deoghar /01 Deoghar Nagar	7	355	362	13	0	13
Deoghar	Deoghar	Santhal Badiya	0	386	386	13	0	13
Deoghar	Mohanpur	Rakatrohna	11	414	425	13	0	13
Deoghar	Sarath	Bashatarn	39	457	496	13	1	12
Deoghar	Deoghar	Dongi	37	574	611	13	1	12
Deoghar	Deoghar	Gowalbadiya	177	734	911	13	3	10
Dhanbad	Tundi	Tukipur	3	195	198	13	0	13
Dhanbad	Gobindpur	Sarkardih	0	324	324	13	0	13
Dhanbad	Nirsa-Cum-Chirkunda	Ramgameta	0	420	420	13	0	13
Dhanbad	Topchanchi	Pabapur	23	608	631	13	0	13
Dhanbad	Dhanbad-Cum-Kenduaidih-Cum-Jagata	Dhokhra	0	1026	1026	13	0	13
Dumka	Saraiyahat	Bhelwadangal	1	102	103	13	0	13
Dumka	Masalia	Nagravopathar	2	196	198	13	0	13
Dumka	Masalia	Ananda Pahari	0	326	326	13	0	13
Dumka	Masalia	Pachapani	0	358	358	13	0	13
Dumka	Kathikund	Bara Phuljhari	0	382	382	13	0	13
Dumka	Ranishwar	Ektala	12	418	430	13	0	13
Dumka	Masalia	Domkata	4	463	467	13	0	13
Dumka	Dumka	Angraidih	0	728	728	13	0	13
Dumka*	Shikaripara	Kharukadma	4	1043	1047	13	0	13
East Singhbhum	Ghatshila	Dhamakbera	0	126	126	13	0	13
East Singhbhum	Boram	Muchidih	26	176	202	13	2	11
East Singhbhum	Golmuri-Cum-Jugsalai	Sukhlara	38	261	299	13	2	11
East Singhbhum	Chakulia	Maurbera	0	299	299	13	0	13
East Singhbhum	Potka	Sona Posh	169	181	350	13	6	7
East Singhbhum	Boram	Pagda	6	465	471	13	0	13
East Singhbhum	Potka	Sikarsai	296	277	573	13	7	6
East Singhbhum	Golmuri-Cum-Jugsalai	Bhilaipahari	77	619	696	13	1	12
East Singhbhum	Patamda	Bantoriya	36	1548	1584	13	0	13
Garhwa	Garhwa	Achla	13	673	686	13	0	13
Garhwa	Nagaruntari	Alkar	195	1231	1426	13	2	11
Garhwa	Dhurki	Khala	79	1931	2010	13	1	12
Giridih	Sariya	Arjunbandh	4	156	160	13	0	13
Giridih	Giridih	Giridih (M) - Ward No.3	0	243	243	13	0	13

Giridih	Bengabad	Chakardaha	24	359	383	13	1	12
Giridih	Gande	Totpa	19	398	417	13	1	12
Giridih	Giridih	Giridih (M) - Ward No.1	126	427	553	13	3	10
Giridih	Bagodar	Pochri	84	596	680	13	2	11
Giridih	Birni	Bharkatta	40	808	848	13	1	12
Giridih	Dhanwar	Gorhan	46	1517	1563	13	0	13
Giridih *	Bengabad	Luppi	4	2236	2240	13	0	13
Godda	Sundarpahari	Lawadiah	0	132	132	13	0	13
Godda	Boarijor	Bara Telo	0	201	201	13	0	13
Godda	Pathargama	Chunakothi	45	318	363	13	2	11
Godda	Godda	Harlal Tola	114	543	657	13	2	11
Godda	Poreyahat	Dhamsur	254	604	858	13	4	9
Godda	Godda	Malmala	0	894	894	13	0	13
Godda	Poreyahat	Sakri Phulwar	21	3724	3745	13	0	13
Gumla	Ghaghra	Ruki	11	787	798	13	0	13
Gumla	Kamdara	Ramtoley	26	900	926	13	0	13
Gumla	Raidih	Kobja	327	1700	2027	13	2	11
Hazaribagh	Barkagaon	Chepa Kalan	130	207	337	13	5	8
Hazaribagh	Keredari	Pandepura Kalan	108	298	406	13	3	10
Hazaribagh	Tati Jhariya	Mangapatta	72	490	562	13	2	11
Hazaribagh	Katkamsandi	Arabhusai	163	749	912	13	2	11
Hazaribagh	Ichak	Barka Kalan	83	939	1022	13	1	12
Jamtara	Nala	Sareskunda	2	410	412	13	0	13
Jamtara	Narayanpur	Deulbari	0	1084	1084	13	0	13
Jamtara	Nala	Maralai	44	1604	1648	13	0	13
Khunti	Karra	Kosambi	36	336	372	13	1	12
Khunti	Torpa	Jagu	23	634	657	13	0	13
Koderma	Kodarma	Chandrodih	0	296	296	13	0	13
Koderma	Markacho	Dasaro Khurd	150	601	751	13	3	10
Latehar	Bariyat	Gurusalwe	67	362	429	13	2	11
Latehar	Latehar	Munger	101	997	1098	13	1	12
Lohardaga	Lohardaga	Nadinagra	35	397	432	13	1	12
Lohardaga	Kairo	Sarhawe	161	532	693	13	3	10
Pakur *	Pakur	Pakaur (M) - Ward No.15	0	193	193	13	0	13
Pakur	Maheshpur	Teliapokhar	164	172	336	13	6	7
Pakur	Maheshpur	Katsala	0	348	348	13	0	13
Pakur	Litipara	Bara Gagra	0	2407	2407	13	0	13
Pakur	Litipara	Karanghati	1370	1552	2922	13	6	7
Palamu	Hussainabad	Mobarakpur	13	117	130	13	1	12
Palamu	Untari Road	Lumaratbahini	24	195	219	13	1	12
Palamu	Hariharganj	Langurahi	108	228	336	13	4	9
Palamu	Chhatarpur	Jaura	0	548	548	13	0	13
Palamu	Padwa	Manahar	20	676	696	13	0	13
Palamu	Bishrampur	Bishrampur(NA)-Ward No-2	0	755	755	13	0	13
Palamu	Nilambar	Pitambarpur(Lesliganj)	46	827	873	13	1	12
Ramgarh	Ramgarh Nagar Parishad	WARD NO - 17	72	273	345	13	3	10
Ramgarh	Mandu	Kedla (Ct)	191	511	702	13	4	9
Ranchi	Angara	Gutidih	340	41	381	13	12	1
Ranchi	Bundu	Gosanidih	32	369	401	13	1	12
Ranchi	Bero	Roghadihpatratoli	10	410	420	13	0	13
Ranchi	Tamar I	Malhan Bhuidih	86	642	728	13	2	11
Ranchi	Lapung	Dolaicha	80	1173	1253	13	1	12
Sahebganj	Barhait	Dumdumia	110	21	131	13	11	2
Sahebganj	Borio	Bara Tetariya	12	156	168	13	1	12
Sahebganj	Udhwa	Jalbalu	26	250	276	13	1	12

Sahebganj	Rajmahal	Begampur	34	304	338	13	1	12
Sahebganj	Pathna	Chhota Ranga	63	438	501	13	2	11
Sahebganj	Rajmahal	Tin Pahar (Ct)	0	589	589	13	0	13
Saraikela Kharsawan	Saraikela	Kursonpur	0	238	238	13	0	13
Saraikela Kharsawan	Saraikela	Sakladih	57	206	263	13	3	10
Saraikela Kharsawan	Kukru	Edaldih	72	260	332	13	3	10
Saraikela Kharsawan	Ichagarh	Harat	101	442	543	13	2	11
Saraikela Kharsawan	Ichagarh	Atargram	152	466	618	13	3	10
Simdega *	Kurdeg	Kokrachhera	25	830	855	13	0	13
Simdega	Thethaitangar	Kurumdegi	0	1599	1599	13	0	13
West Singhbhum	Chakradharpur	Somaraidih	4	107	111	13	0	13
West Singhbhum	Hat Gamharia	Bindisai	8	170	178	13	1	12
West Singhbhum	Jagannathpur	Joginanda	17	300	317	13	1	12
West Singhbhum	Khuntpani	Jankosasan	82	288	370	13	3	10
West Singhbhum	Gudri	Dindapai	10	395	405	13	0	13
West Singhbhum	Khuntpani	Gotai	108	406	514	13	3	10
West Singhbhum	Khuntpani	Janumbera	45	535	580	13	1	12
West Singhbhum	Tonto	Burusiringsia	6	635	641	13	0	13
		TOTAL	7563	68813	76376	1495	155	1340

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 110	1430
b: Block Name	g : Number of units to sample	Reserved Villages 5	65
c: Village Name	h: Buffalo Proportion	Total Samples	1495
d: Buffalo Population	i: Cattle Proportion		
e: Cattle Population			

FMD/SEROMON/NIVEDI/ROUND-IV/Karnataka_16/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 17031

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.024

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 138 (+5 Villages Reserved)

Total No of Animals to be Sampled = 1794

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	Bagalkot	Chick Myageri	118	253	371	13	4	9
Bagalkot	Badami	Chikkamuchalagudda	148	232	380	13	5	8
Bagalkot	Badami	Nagaral.S.P.	177	720	897	13	3	10
Bagalkot	Badami	Neeralakeri	635	988	1623	13	5	8
Bangalore Rural	Hosakote	Lingadeeramallasandra	0	172	172	13	0	13
Bangalore Rural	Dod Ballapur	Doddar Tumkur	7	203	210	13	0	13
Bangalore Rural	Devanahalli	Bhattrenahalli	13	207	220	13	1	12
Bangalore Rural	Dod Ballapur	Kottige Machenahalli	25	297	322	13	1	12
Bangalore Rural	Dod Ballapur	Kadathippur	2	432	434	13	0	13
Belgaum*	BORAGAON	Boragaon -Ward No.12	205	40	245	13	11	2
Belgaum	Ramdurg	Umatar	112	165	277	13	5	8
Belgaum	Khanapur	Khairwad	138	185	323	13	6	7
Belgaum	Chikodi	Dilalapurwadi	448	149	597	13	10	3
Belgaum	Shedbal	Shedbal- Ward No.16	575	257	832	13	9	4
Belgaum	Hukeri	Shiragaon	763	182	945	13	10	3
Belgaum	Gokak	Bisanakoppa	640	679	1319	13	6	7
Belgaum	Hukeri	Gudas	924	475	1399	13	9	4
Belgaum	Chikodi	Kodni	965	707	1672	13	8	5
Belgaum	Chikodi	Bhoj	1704	431	2135	13	10	3
Bellary	Sandur	Shro.Gangalapur	55	163	218	13	3	10
Bellary	Hosapete	Hospet (CMC) - Ward No.7	214	260	474	13	6	7
Bellary	Siruguppa	Kududarahal	228	261	489	13	6	7
Bellary	Hagaribommanahalli	Ankasamudra	221	639	860	13	3	10
Bellary	Sandur	Devaramallapur	341	765	1106	13	4	9
Bengaluru Urban	Bangalore North	PARVATHIAHNAHAPALY A	0	149	149	13	0	13
Bengaluru Urban	Bangalore North	Bylakere	21	210	231	13	1	12
Bengaluru Urban	Bangalore South	Bangalore (M Corp.) - Ward No.195	16	235	251	13	1	12
Bengaluru Urban	Bangalore South	Bangalore (M Corp.) - Ward No.131	42	282	324	13	2	11
Bengaluru Urban	Bangalore North	Bangalore (M Corp.) - Ward No.148	174	687	861	13	3	10
Bidar	Bidar	Ghumma	282	82	364	13	10	3
Bidar	Bhalki	Shivani	141	446	587	13	3	10
Bidar	Bidar	Madaknalli	359	377	736	13	6	7
Bijapur	Basavana Bagevadi	Telgi	188	234	422	13	6	7
Bijapur	Basavana Bagevadi	Huvinahippargi	464	461	925	13	7	6
Bijapur	Bijapur	Bellubbi	687	505	1192	13	7	6
Chamarajanagar	Yelandur	Jodimellahalli	20	229	249	13	1	12
Chamarajanagar	Gundlupet	KODAGAPURA	2	286	288	13	0	13
Chamarajanagar	Chamarajanagar	Mukanapalya	0	421	421	13	0	13
Chamarajanagar	Gundlupet	Karakalamadahalli	0	644	644	13	0	13
Chamarajanagar	Kollegal	Tellanur	3	980	983	13	0	13
Chikballapur	Gauribidanur	BANDARALAHALLY	4	122	126	13	0	13
Chikballapur	Chikkaballapura	Bhogaparthi	21	130	151	13	2	11

Chikballapur	Sidlaghatta	Kakichokkandahalli	33	147	180	13	2	11
Chikballapur	Chintamani	Murugamalla	92	100	192	13	6	7
Chikballapur	Sidlaghatta	Hireballa	35	234	269	13	2	11
Chikballapur	Sidlaghatta	Jarugahalli	23	257	280	13	1	12
Chikballapur	Bagepalli	Thimmampalli	21	281	302	13	1	12
Chikmagalur	Tarkere	Paravatharanayanakere Kaval	0	304	304	13	0	13
Chikmagalur	Kadur	K.Dasarahalli	7	374	381	13	0	13
Chikmagalur	Kadur	Chikkangala	30	364	394	13	1	12
Chikmagalur	Kadur	Vokkalagere	119	601	720	13	2	11
Chikmagalur	Koppa	Kelakuli	34	907	941	13	0	13
Chitradurga *	Chitradurga	Baligatte	44	223	267	13	2	11
Chitradurga	Hiriyur	Uppalagere	30	285	315	13	1	12
Chitradurga	Chitradurga	Belaghatta	61	301	362	13	2	11
Chitradurga	Challakere	Thimmannanayakanakote	271	216	487	13	7	6
Chitradurga	Hosdurga	Kappagere	185	546	731	13	3	10
Dakshin Kannad	Beltangadi	Mundaje	11	654	665	13	0	13
Dakshin Kannad	Bantval	Kavalpadur	8	893	901	13	0	13
Dakshin Kannad	Mangalore	Puthige	17	1960	1977	13	0	13
Davangere	Channagiri	Rajagondanahalli	316	207	523	13	8	5
Davangere	Harapanahalli	Ittigudi	610	516	1126	13	7	6
Davangere	Harihar	Belludi	261	908	1169	13	3	10
Dharwad	Kalghatgi	K. Hunishikatti	97	334	431	13	3	10
Dharwad	Kalghatgi	Surasettikoppa	141	611	752	13	2	11
Gadag	Ron	Matarangi	134	211	345	13	5	8
Gadag	Shirhatti	Jalligeri	51	523	574	13	1	12
Gulbarga	Gulbarga	Belura (J)	55	257	312	13	2	11
Gulbarga	Chincholi	Wazirgaon	22	416	438	13	1	12
Gulbarga	Chitapur	Hulandgera	21	489	510	13	1	12
Gulbarga	Aland	Bhodhan	123	542	665	13	2	11
Gulbarga	Sedam	Ribbanpalli	129	707	836	13	2	11
Hassan	Hassan	Kalla Halli	2	146	148	13	0	13
Hassan	Channarayapatna	M. Hosur	100	86	186	13	7	6
Hassan	Channarayapatna	Chikkaganni	71	204	275	13	3	10
Hassan	Hole Narsipur	Malayanakanahalli	133	178	311	13	6	7
Hassan	Belur	Gotravalli	6	349	355	13	0	13
Hassan	Channarayapatna	Baktaravalli	168	333	501	13	4	9
Hassan	Arkalgud	Ganjalagodu	87	487	574	13	2	11
Hassan	Hole Narsipur	Mudalalippe	59	536	595	13	1	12
Haveri *	Hirekerur	HALENIDANEGLU	94	351	445	13	3	10
Haveri	Haveri	Havanur	555	841	1396	13	5	8
Haveri	Ranibennur	Chalageri	575	1059	1634	13	5	8
Kodagu	Somvarpet	Ist Kudlur	23	271	294	13	1	12
Kodagu	Virajpet	T. Shettigeri	20	368	388	13	1	12
Kolar	Mulbagal	Minajenahalli	3	119	122	13	0	13
Kolar	Kolar	Kallandur	45	124	169	13	3	10
Kolar	Srinivaspur	Kandlevaripalli	16	183	199	13	1	12
Kolar	Kolar	Hogari	121	103	224	13	7	6
Kolar	Mulbagal	Mannenahalli	0	282	282	13	0	13
Kolar	Mulbagal	Yachana Kogileri	9	282	291	13	0	13
Kolar	Mulbagal	Amblikal	4	392	396	13	0	13
Koppal	Koppal	Moranhalli	180	372	552	13	4	9
Koppal	Kanakagiri	Kanakagiri - Ward No.15	38	613	651	13	1	12
Koppal	Kushtagi	Nawalhalli	92	581	673	13	2	11
Mandy	Nagamangala	Nagamangala (TP) - Ward No.8	49	89	138	13	5	8
Mandy	Mandy	Muddanaghatta	70	181	251	13	4	9

Mandy	Krishnarajpet	Bannanakere	81	206	287	13	4	9
Mandy	Shrirangapattana	Kadathanalu	5	297	302	13	0	13
Mandy	Malavalli	Kanchugahalli	27	413	440	13	1	12
Mandy	Pandavapura	Laxmi Sagar	72	716	788	13	1	12
Mysore	Piriyapatna	K. Basavanahalli	7	154	161	13	1	12
Mysore	Mysore	KEMPEGOWDANAHAUND I	18	194	212	13	1	12
Mysore	Piriyapatna	Doddahonnur	0	343	343	13	0	13
Mysore	Tirumakudal - Narsipur	Doddamulagudu	77	432	509	13	2	11
Mysore	Nanjangud	Kappasoge	0	563	563	13	0	13
Mysore	Krishnarajanagara	Lakkikuppe	195	622	817	13	3	10
Raichur	Sindhur	Chintamandoddi	97	120	217	13	6	7
Raichur	Sindhur	Bommanahal-U	17	313	330	13	1	12
Raichur	Manvi	Kambalanetti	76	318	394	13	3	10
Raichur	Lingsugur	Shilahalli	66	434	500	13	2	11
Raichur	Lingsugur	Desai-Bhogapur	40	488	528	13	1	12
Ramanagara *	Ramanagara	Bennahalli	3	511	514	13	0	13
Ramanagara	Kanakapura	Anajawadi	10	598	608	13	0	13
Ramanagara	Kanakapura	Doddakalbalu	3	912	915	13	0	13
Shimoga	Hosanagara	Nandri	13	93	106	13	2	11
Shimoga	Tirthahalli	Tenginakoppa	15	257	272	13	1	12
Shimoga	Sorab	Bankavalli	184	223	407	13	6	7
Shimoga	Hosanagara	Billodi	27	393	420	13	1	12
Shimoga	Hosanagara	Kachigebiylu	150	295	445	13	4	9
Shimoga	Sagar	Gulehalli	82	510	592	13	2	11
Shimoga	Sorab	Harishi	130	484	614	13	3	10
Shimoga	Shimoga	GOWLIKYAMP	435	195	630	13	9	4
Tumkur	Sira	Kaligonahalli	52	73	125	13	5	8
Tumkur	Sira	Ragalalahalli	31	194	225	13	2	11
Tumkur	Tumkuru	Tumkur (CMC) - Ward No.31	48	206	254	13	2	11
Tumkur	Chiknayakanhalli	Motihalli	22	251	273	13	1	12
Tumkur	Tumkur	Galigenahalli	31	268	299	13	1	12
Tumkur	Tumkur	Kothigegollahalli	11	344	355	13	0	13
Tumkur	Pavagada	Kyathaganacherlu	200	217	417	13	6	7
Tumkur	Pavagada	Krishnagiri	194	394	588	13	4	9
Tumkur	Tiptur	Masavanagatta	383	484	867	13	6	7
Udupi	Karkal	Hermunde	7	825	832	13	0	13
Udupi	Karkal	Kukkundoor	26	1654	1680	13	0	13
Uttar Kannad	Haliyal	Domagera	37	82	119	13	4	9
Uttar Kannad	Haliyal	Modalgera	55	162	217	13	3	10
Uttar Kannad	Sirsí	Kantraji	124	214	338	13	5	8
Uttar Kannad *	Supa	Timbholi	84	255	339	13	3	10
Uttar Kannad	Siddapur	Malvajaddi	127	339	466	13	4	9
Uttar Kannad	Ankola	Halvalli	133	543	676	13	3	10
Uttar Kannad	Yellapur	Hutkhanda	167	639	806	13	3	10
Yadgir	Shahpur	Harangerá	25	398	423	13	1	12
Yadgir	Kekkera	Kekkera (TP) - Ward No.19	282	625	907	13	4	9
		TOTAL	20452	56491	76943	1859	417	1442

*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 sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 138
Reserved Villages 5
Total Samples 1859

1794
65
1859

FMD/SEROMON/NIVEDI/ROUND-IV/Kerala_17/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 4534

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.02

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 165 (+2 Reserved villages)

Total No of Animals to be Sampled = 2145

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Alappuzha	Mavelikkara	Nooranad(GP)WardNo.13	0	120	120	13	0	13
Alappuzha	Ambalappuzha	MararikkulamSouth(GP)Ward No.8	4	121	125	13	0	13
Alappuzha	Ambalappuzha	Mannanchery(GP)WardNo.20	3	141	144	13	0	13
Alappuzha	Karthikappally	Kandalloor(GP)WardNo.11	24	124	148	13	2	11
Alappuzha	Mavelikkara	Palamel(GP)WardNo.15	12	139	151	13	1	12
Alappuzha	Mavelikkara	Palamel(GP)WardNo.1	9	147	156	13	1	12
Alappuzha	Mavelikkara	Chettikulangara(GP)WardNo.20	6	152	158	13	0	13
Alappuzha	Cherthala	Kanjikkuzhi(GP)WardNo.5	0	161	161	13	0	13
Alappuzha	Mavelikkara	MavelikkaraThekkekara(GP)WardNo.6	8	170	178	13	1	12
Alappuzha	Mavelikkara	MavelikkaraThekkedath(GP)WardNo.7	4	292	296	13	0	13
Alappuzha	Mavelikkara	Vallikunnam(GP)WardNo.3	7	298	305	13	0	13
Ernakulam	Muvattupuzha	Elanji(GP)WardNo.8	4	100	104	13	1	13
Ernakulam	Kothamangalam	Pallarimangalam(GP)WardNo.8	6	105	111	13	1	12
Ernakulam	Kothamangalam	Kottappady(GP)WardNo.2	0	126	126	13	0	13
Ernakulam	Kothamangalam	Keerimpara(GP)WardNo.4	14	113	127	13	1	12
Ernakulam	Kanayannur	Udayamperoor(GP)WardNo.3	10	120	130	13	1	12
Ernakulam	Muvattupuzha	Valakom(GP)WardNo.4	2	138	140	13	0	13
Ernakulam	Aluva	Parakkadavu(GP)WardNo.18	11	129	140	13	1	12
Ernakulam	Kunnathunad	Rayamangalam(GP)WardNo.6	3	154	157	13	0	13
Ernakulam	Kothamangalam	Varappetty(GP)WardNo.11	3	157	160	13	0	13
Ernakulam	Kunnathunad	Mudakkuzha(GP)WardNo.10	6	156	162	13	0	13
Ernakulam	Kunnathunad	Koovappady(GP)WardNo.16	7	168	175	13	1	12
Ernakulam	Kothamangalam	Nelliikkuzhi(GP)WardNo.20	17	178	195	13	1	12
Ernakulam	Kunnathunad	Mudakkuzha(GP)WardNo.3	0	199	199	13	0	13
Ernakulam	Kunnathunad	Mazhuvannoor(GP)WardNo.6	18	241	259	13	1	12
Ernakulam	Kothamangalam	Kuttampuzha(GP)WardNo.13	27	235	262	13	1	12
Ernakulam	Kunnathunad	Asammanoor(GP)WardNo.6	10	286	296	13	0	13
Idukki	Thodupuzha	Udumbannur(GP)WardNo.7	24	102	126	13	2	11
Idukki	Peerumade	Upputhara(GP)WardNo.10	0	162	162	13	0	13
Idukki	Udumbanchola	Chakkupallam(GP)WardNo.5	17	171	188	13	1	12
Idukki	Idukki	Kamakshy(GP)WardNo.4	10	185	195	13	1	12
Idukki	Thodupuzha	Udumbannur(GP)WardNo.6	11	193	204	13	1	12
Idukki	Thodupuzha	Vannapuram(GP)WardNo.11	20	253	273	13	1	12
Idukki	Idukki	Vathikudy(GP)WardNo.13	3	559	562	13	0	13

Idukki	Udumbanchola	Chakkupallam(GP)ÔÇöWardNo.7	50	761	811	13	1	12
Kannur	Taliparamba	Kankol-Alapadamba(GP)ÔÇöWardNo.13	0	111	111	13	0	13
Kannur	Taliparamba	Eruvessi(GP)ÔÇöWardNo.14	1	124	125	13	0	13
Kannur	Iritty	Padiyoor-Kaliad(GP)ÔÇöWardNo.8	1	128	129	13	0	13
Kannur	Kannur	Kadanappalli-Panappuzha(GP)ÔÇöWardNo.6	2	148	150	13	0	13
Kannur	Iritty	Peravoor(GP)ÔÇöWardNo.5	1	154	155	13	0	13
Kannur	Taliparamba	Cherupuzha(GP)ÔÇöWardNo.16	10	150	160	13	1	12
Kannur	Taliparamba	Eramamkuttoor(GP)ÔÇöWardNo.16	2	160	162	13	0	13
Kannur	Taliparamba	Karivellur-Peralam(GP)ÔÇöWardNo.2	0	194	194	13	0	13
Kannur	Iritty	Aralam(GP)ÔÇöWardNo.1	12	190	202	13	1	12
Kannur	Taliparamba	Alakkode(GP)ÔÇöWardNo.14	4	241	245	13	0	13
Kannur	Taliparamba	Karivellur-Peralam(GP)ÔÇöWardNo.4	12	242	254	13	1	12
Kannur	Taliparamba	Kankol-Alapadamba(GP)ÔÇöWardNo.2	1	269	270	13	0	13
Kasaragod	Kasaragod	Mogralputhur(GP)ÔÇöWardNo.3	17	102	119	13	2	11
Kasaragod	Hosdurg	Thrikkaripur(GP)ÔÇöWardNo.1	14	107	121	13	2	11
Kasaragod	Manjeswaram	Puthige(GP)ÔÇöWardNo.9	4	157	161	13	0	13
Kasaragod	Kasaragod	Karadukka(GP)ÔÇöWardNo.13	0	179	179	13	0	13
Kasaragod	Kasaragod	Badiyadukka(GP)ÔÇöWardNo.15	1	192	193	13	0	13
Kasaragod	Manjeswaram	Puthige(GP)ÔÇöWardNo.5	5	259	264	13	0	13
Kasaragod	Manjeswaram	Enmakaje(GP)ÔÇöWardNo.8	0	412	412	13	0	13
Kollam	Pathanapuram	Thalavoor(GP)ÔÇöWardNo.10	2	109	111	13	0	13
Kollam	Kollam	Chathannur(GP)ÔÇöWardNo.18	8	112	120	13	1	12
Kollam	Kottarakkara	Neduvathoor(GP)ÔÇöWardNo.15	7	120	127	13	1	12
Kollam	Kollam	Poothakulam(GP)ÔÇöWardNo.14	2	131	133	13	0	13
Kollam	Karunagappally	Thazhava(GP)ÔÇöWardNo.5	18	117	135	13	2	11
Kollam	Kollam	EastKallada(GP)ÔÇöWardNo.15	3	136	139	13	0	13
Kollam	Kollam	Chirakkara(GP)ÔÇöWardNo.3	13	144	157	13	1	12
Kollam	Kottarakkara	Ittiva(GP)ÔÇöWardNo.3	3	156	159	13	0	13
Kollam	Kunnathur	Kunnathur(GP)ÔÇöWardNo.15	1	164	165	13	0	13
Kollam	Kottarakkara	Kulakkada(GP)ÔÇöWardNo.3	5	170	175	13	0	13
Kollam	Kunnathur	Sasthamkotta(GP)ÔÇöWardNo.7	6	204	210	13	0	13
Kollam	Kottarakkara	Pavithreswaram(GP)ÔÇöWardNo.2	4	286	290	13	0	13
Kottayam	Meenachil	Karoor(GP)ÔÇöWardNo.1	10	92	102	13	1	12
Kottayam	Meenachil	Kanakkari(GP)ÔÇöWardNo.2	3	116	119	13	0	13
Kottayam	Kanjirappally	Chirakkadavu(GP)ÔÇöWardNo.13	0	122	122	13	0	13
Kottayam	Kottayam	Kooroppada(GP)ÔÇöWardNo.9	12	112	124	13	1	12
Kottayam	Vaikom	Velloor(GP)ÔÇöWardNo.10	9	119	128	13	1	12
Kottayam	Kottayam	Akalakkunnam(GP)ÔÇöWardNo.10	14	115	129	13	1	12
Kottayam	Changanassery	Vellavoor(GP)ÔÇöWardNo.13	14	125	139	13	1	12
Kottayam	Vaikom	Chembu(GP)ÔÇöWardNo.9	1	153	154	13	0	13
Kottayam	Vaikom	Kaduthuruthy(GP)ÔÇöWardNo.11	25	130	155	13	2	11
Kottayam	Meenachil	Ramapuram(GP)ÔÇöWardNo.9	3	158	161	13	0	13
Kottayam	Vaikom	PRAYIKKATHARA - Ward No.9	0	174	174	13	0	13
Kottayam	Kanjirappally	Erumely(GP)ÔÇöWardNo.4	2	232	234	13	0	13
Kozhikode	Vatakara	Maniyoor(GP)ÔÇöWardNo.6	0	102	102	13	0	13

Kozhikode	Koyilandi	Changaroth(GP)ÔÇöWardNo.18	2	110	112	13	0	13
Kozhikode	Koyilandi	Thurayoor(GP)ÔÇöWardNo.7	0	117	117	13	0	13
Kozhikode	Thamarassery	Kodencherry(GP)ÔÇöWardNo.18	8	127	135	13	1	12
Kozhikode	Koyilandi	Arikkulam(GP)ÔÇöWardNo.2	1	140	141	13	0	13
Kozhikode	Vatakara	Velam(GP)ÔÇöWardNo.6	2	140	142	13	0	13
Kozhikode	Thamarassery	Puthuppady(GP)ÔÇöWardNo.5	18	127	145	13	2	11
Kozhikode	Koyilandi	Changaroth(GP)ÔÇöWardNo.4	0	170	170	13	0	13
Kozhikode	Koyilandi	Cheruvanmoor(GP)ÔÇöWardNo.8	1	172	173	13	0	13
Kozhikode	Vatakara	Chekkiyad(GP)ÔÇöWardNo.4	0	179	179	13	0	13
Kozhikode	Koyilandi	Nochad(GP)ÔÇöWardNo.17	1	187	188	13	0	13
Kozhikode	Vatakara	Thiruvallur(GP)ÔÇöWardNo.11	0	205	205	13	0	13
Kozhikode	Thamarassery	Puthuppady(GP)ÔÇöWardNo.11	4	285	289	13	0	13
Malappuram	Tirurangadi	Thenhippalam(GP)ÔÇöWardNo.12	12	89	101	13	2	11
Malappuram	Nilambur	Edakkara(GP)ÔÇöWardNo.2	10	101	111	13	1	12
Malappuram	Tirur	Kalpakancheri(GP)ÔÇöWardNo.15	17	96	113	13	2	11
Malappuram	Tirur	Ponnmal(GP)ÔÇöWardNo.11	14	100	114	13	2	11
Malappuram	Nilambur	Chaliyar(GP)ÔÇöWardNo.5	3	116	119	13	0	13
Malappuram	Nilambur	Karuvarakundu(GP)ÔÇöWardNo.7	23	97	120	13	2	11
Malappuram	Kondotty	Chelambra(GP)ÔÇöWardNo.14	0	126	126	13	0	13
Malappuram	Kottakkal	MARAVETTUM	12	118	130	13	1	12
Malappuram	Nilambur	Edakkara(GP)ÔÇöWardNo.15	5	127	132	13	0	13
Malappuram	Nilambur	Mambad(GP)ÔÇöWardNo.19	56	83	139	13	5	8
Malappuram	Nilambur	Vazhikkadavu(GP)ÔÇöWardNo.17	19	121	140	13	2	11
Malappuram	Nilambur	Vazhikkadavu(GP)ÔÇöWardNo.8	8	142	150	13	1	12
Malappuram	Nilambur	Wandoor(GP)ÔÇöWardNo.3	5	153	158	13	0	13
Malappuram	Nilambur	Vazhikkadavu(GP)ÔÇöWardNo.5	32	127	159	13	3	10
Malappuram	Ernad	Urangattiri(GP)ÔÇöWardNo.1	9	151	160	13	1	12
Malappuram	Ponnani	Alancode(GP)ÔÇöWardNo.8	29	159	188	13	2	11
Malappuram	Ernad	Pandikkad(GP)ÔÇöWardNo.8	31	160	191	13	2	11
Malappuram	Nilambur	Moothedam(GP)ÔÇöWardNo.14	12	213	225	13	1	12
Malappuram	Nilambur	Mambad(GP)ÔÇöWardNo.1	102	151	253	13	5	8
Malappuram	Perinthalmanna	Moorkkanad(GP)ÔÇöWardNo.15	4	1215	1219	13	0	13
Palakkad	Chittur	Vadavannur(GP)ÔÇöWardNo.7	0	114	114	13	0	13
Palakkad	Alathur	Tarur(GP)ÔÇöWardNo.8	0	124	124	13	0	13
Palakkad	Chittur	Pallassana(GP)ÔÇöWardNo.14	19	107	126	13	2	11
Palakkad	Chittur	Kollengode(GP)ÔÇöWardNo.4	7	125	132	13	1	12
Palakkad	Ottappalam	Ambalapara(GP)ÔÇöWardNo.11	15	168	183	13	1	12
Palakkad	Chittur	Perumatty(GP)ÔÇöWardNo.3	0	188	188	13	0	13
Palakkad *	Ottappalam	Karimpuzha(GP)ÔÇöWardNo.5	36	169	205	13	2	11
Palakkad	Mannarkad	Thenkara(GP)ÔÇöWardNo.6	25	187	212	13	2	11
Palakkad	Ottappalam	Chalavara(GP)ÔÇöWardNo.6	30	191	221	13	2	11
Palakkad	Ottappalam	Kadampazhipuram(GP)ÔÇöWard No.17	2	269	271	13	0	13
Palakkad	Mannarkad	Pudur(GP)ÔÇöWardNo.7	10	262	272	13	0	13
Palakkad	Chittur	Eruthempathy(GP)ÔÇöWardNo.14	0	313	313	13	0	13
Palakkad	Chittur	Elavanchery(GP)ÔÇöWardNo.8	18	297	315	13	1	12

Palakkad	Chittur	Vadakarapathy(GP)ÔÇöWardNo.8	0	339	339	13	0	13
Palakkad	Palakkad	Puthuppariyaram(GP)ÔÇöWardNo.2	79	393	472	13	2	11
Pathanamthitta	Mallappally	Kottanad(GP)ÔÇöWardNo.11	3	106	109	13	0	13
Pathanamthitta	Thiruvalla	Kadapra(GP)ÔÇöWardNo.13	9	111	120	13	1	12
Pathanamthitta	Kozhencery	Chemneerkara(GP)ÔÇöWardNo.8	6	118	124	13	1	12
Pathanamthitta	Thiruvalla	Kaviyoor(GP)ÔÇöWardNo.2	6	126	132	13	1	12
Pathanamthitta	Kozhencery	Chemneerkara(GP)ÔÇöWardNo.11	7	131	138	13	1	12
Pathanamthitta	Adoor	PandalamThekkukara(GP)ÔÇöWardNo.12	5	164	169	13	0	13
Pathanamthitta	Adoor	Pallickal(GP)ÔÇöWardNo.19	7	172	179	13	1	12
Pathanamthitta	Ranni	Vechoochira(GP)ÔÇöWardNo.10	0	194	194	13	0	13
Thiruvananthapuram	Varkala	Elakamon(GP)ÔÇöWardNo.11	7	104	111	13	1	12
Thiruvananthapuram	Kattakkada	Maranalloor(GP)ÔÇöWardNo.8	3	112	115	13	0	13
Thiruvananthapuram	Neyyattinkara	Parassala(GP)ÔÇöWardNo.23	16	109	125	13	2	11
Thiruvananthapuram	Neyyattinkara	Kanjiramkulam(GP)ÔÇöWardNo.6	8	127	135	13	1	12
Thiruvananthapuram	Thiruvananthapuram	Kazhakuttom	6	129	135	13	1	12
Thiruvananthapuram	Neyyattinkara	Kunnathukal(GP)ÔÇöWardNo.18	1	143	144	13	0	13
Thiruvananthapuram	Varkala	Chemmaruthy(GP)ÔÇöWardNo.9	18	129	147	13	2	11
Thiruvananthapuram	Neyyattinkara	Kanjiramkulam(GP)ÔÇöWardNo.8	4	158	162	13	0	13
Thiruvananthapuram	Thiruvananthapuram	Estate(M Corp.) - Ward No.57	18	162	180	13	1	12
Thiruvananthapuram	Thiruvananthapuram	Melamcode(M Corp.) - Ward No.60	16	165	181	13	1	12
Thiruvananthapuram	Kattakkada	Vilappil(GP)ÔÇöWardNo.1	5	182	187	13	0	13
Thiruvananthapuram	Neyyattinkara	Athiyamur(GP)ÔÇöWardNo.8	0	246	246	13	0	13
Thrissur	Kodungallur	Parappully	11	94	105	13	1	12
Thrissur	Thrissur	Puthur(GP)ÔÇöWardNo.7	19	88	107	13	2	11
Thrissur	Thrissur	Nadathara(GP)ÔÇöWardNo.4	20	101	121	13	2	11
Thrissur	Chalakkudy	Kuzhur(GP)ÔÇöWardNo.8	30	97	127	13	3	10
Thrissur	Chalakkudy	Kodassery(GP)ÔÇöWardNo.8	20	113	133	13	2	11
Thrissur	Chalakkudy	Mattathur(GP)ÔÇöWardNo.6	17	121	138	13	2	11
Thrissur	Talappilly	Chowannur(GP)ÔÇöWardNo.6	10	131	141	13	1	12
Thrissur	Thrissur	Puthur(GP)ÔÇöWardNo.15	6	141	147	13	1	12
Thrissur	Thrissur	Puthur(GP)ÔÇöWardNo.6	8	141	149	13	1	12
Thrissur	Chalakkudy	Varandarpilly(GP)ÔÇöWardNo.11	36	128	164	13	3	10
Thrissur *	Talappilly	Panjal(GP)ÔÇöWardNo.15	2	172	174	13	0	13
Thrissur	Thrissur	Pananchery(GP)ÔÇöWardNo.7	0	188	188	13	0	13
Thrissur	Thrissur	Puthur(GP)ÔÇöWardNo.5	15	206	221	13	1	12
Thrissur	Mukundapuram	Muriyad(GP)ÔÇöWardNo.16	25	203	228	13	1	12
Thrissur	Thrissur	Pananchery(GP)ÔÇöWardNo.2	2	245	247	13	0	13
Thrissur	Chalakkudy	Aloor(GP)ÔÇöWardNo.7	44	245	289	13	2	11
Wayanad	Mananthavady	Thirunelly(GP)ÔÇöWardNo.9	0	151	151	13	0	13
Wayanad	Mananthavady	Thavinhal(GP)ÔÇöWardNo.16	3	226	229	13	0	13
Wayanad	Sulthanbathery	Noolpuzha(GP)ÔÇöWardNo.1	21	235	256	13	1	12
Wayanad	Mananthavady	Panamaram(GP)ÔÇöWardNo.17	12	283	295	13	1	12
Wayanad	Sulthanbathery	Pulpally(GP)ÔÇöWardNo.18	110	420	530	13	3	10
		TOTAL	1839	29441	31280	2171	129	2043

*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
e: Cattle

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

Unreserved Villages 165	2145
Reserved Villages 2	26
Total Samples	2171

FMD/SEROMON/NIVEDI/ROUND-IV/Ladakh_39/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 180

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.04

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 81

Total No of Animals to be Sampled = 1053

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	Shanker Chiktan	Karamba	0	125	125	13	0	13
Kargil	Kargil	Lalung	0	147	147	13	0	13
Kargil	Kargil	Thrangos	0	177	177	13	0	13
Kargil	Shanker Chiktan	Shargol	0	206	206	13	0	13
Kargil	DRASS	Matayan	0	221	221	13	0	13
Kargil	Kargil	Goma Kargil	0	244	244	13	0	13
Kargil	Sankoo	Tangol	0	246	246	13	0	13
Kargil	Sankoo	Karchey Khar	0	271	271	13	0	13
Kargil	DRASS	Pandras	0	286	286	13	0	13
Kargil	Sankoo	Stakpa	0	314	314	13	0	13
Kargil	DRASS	Yalboo	0	330	330	13	0	13
Kargil	Sankoo	Kanor	0	348	348	13	0	13
Kargil	Kargil	Shimsha	0	362	362	13	0	13
Kargil	Zanskar	Rantaq Shah	0	379	379	13	0	13
Kargil	Sankoo	Purtikchy	0	385	385	13	0	13
Kargil	DRASS	Rambirpur (Drass)	0	426	426	13	0	13
Kargil	Sankoo	Sangra	0	431	431	13	0	13
Kargil	Kargil	Silmo	0	440	440	13	0	13
Kargil	Sankoo	Yuljuk	0	459	459	13	0	13
Kargil	Sankoo	Farona	0	463	463	13	0	13
Kargil	Sankoo	Parkachik	0	464	464	13	0	13
Kargil	Zanskar	Akshow	0	507	507	13	0	13
Kargil	Shanker Chiktan	Shakar	0	530	530	13	0	13
Kargil	Sankoo	Gund Mangl Pur	0	569	569	13	0	13
Kargil	Zanskar	Hamiling	0	576	576	13	0	13
Kargil	Zanskar	Abran	0	586	586	13	0	13
Kargil	Zanskar	Karshah	0	601	601	13	0	13
Kargil	Zanskar	Seni	0	634	634	13	0	13
Kargil	Kargil	Karkit	0	640	640	13	0	13
Kargil	Sankoo	Tambis	0	642	642	13	0	13
Kargil	Sankoo	Saliskot	0	673	673	13	0	13
Kargil	DRASS	Goshan	0	692	692	13	0	13
Kargil	Zanskar	Selapigai Pak	0	696	696	13	0	13
Kargil	Kargil	Pashkum	0	900	900	13	0	13
Kargil	Sankoo	Thasgam Thaine	0	951	951	13	0	13
Kargil	Sankoo	Thang Dumbur	0	1015	1015	13	0	13
Kargil	Sankoo	Lankarchey	0	1071	1071	13	0	13
Kargil	Sankoo	Tres Pone	0	1078	1078	13	0	13
Kargil	Zanskar	Ating	0	1129	1129	13	0	13
Kargil	Zanskar	Remala Skyagam	0	1174	1174	13	0	13

Kargil	Zanskar	Upti Pipiting	0	1538	1538	13	0	13
Leh	Leh	Upshi	0	107	107	13	0	13
Leh	Khalsi	Saspochey	0	121	121	13	0	13
Leh	Leh	Himya	0	137	137	13	0	13
Leh	Leh	Tarchit	0	150	150	13	0	13
Leh	Khalsi	Giramangu	0	176	176	13	0	13
Leh	Khalsi	Wanla	0	178	178	13	0	13
Leh	Khalsi	Khaltse	0	190	190	13	0	13
Leh	Nubra	Khemakhungiu	0	200	200	13	0	13
Leh	Nubra	Terchey	0	202	202	13	0	13
Leh	Leh	Tukla	0	206	206	13	0	13
Leh	Nubra	Skapnuk	0	236	236	13	0	13
Leh	Khalsi	Takmachik	0	260	260	13	0	13
Leh	Nubra	Skuru	0	272	272	13	0	13
Leh	Leh	Nang	0	276	276	13	0	13
Leh	Nubra	Udmaru	0	287	287	13	0	13
Leh	Nubra	Warisfistan	0	370	370	13	0	13
Leh	Khalsi	Skur Buchan	0	373	373	13	0	13
Leh	Khalsi	Suspol	0	417	417	13	0	13
Leh	Khalsi	Hemishok Pachan	0	441	441	13	0	13
Leh	Nubra	Khardong	0	455	455	13	0	13
Leh	Leh	Chemrey	0	464	464	13	0	13
Leh	Leh	Gia	0	472	472	13	0	13
Leh	Leh	Leh (NAC) - Ward No.1	0	478	478	13	0	13
Leh	Leh	Shachokol	0	486	486	13	0	13
Leh	Leh	Likir	0	518	518	13	0	13
Leh	Leh	Shey	0	530	530	13	0	13
Leh	Nubra	Hundar	0	535	535	13	0	13
Leh	Nubra	Bogdang	0	535	535	13	0	13
Leh	Leh	Man Pangong	0	543	543	13	0	13
Leh	Nubra	Tiggar	0	569	569	13	0	13
Leh	Leh	Chuchoot Gongma	0	579	579	13	0	13
Leh	Leh	Bazgoo	0	593	593	13	0	13
Leh	Leh	Durbok	0	595	595	13	0	13
Leh	Khalsi	Damkhar	0	616	616	13	0	13
Leh	Leh	Igoo	0	619	619	13	0	13
Leh	Nubra	Chamshan Charasa	0	663	663	13	0	13
Leh	Leh	Nimo	0	672	672	13	0	13
Leh	Leh	Thiksey	0	886	886	13	0	13
Leh	Nubra	Panamic	0	998	998	13	0	13
Leh	Leh	Fiang	0	1038	1038	13	0	13
		TOTAL	0	40369	40369	1053	0	1053

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/SEROMON/NIVEDI/ROUND-IV/Madhya Pradesh_19/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 24729

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.018

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 184 (+13 Reserved Villages)

Total No of Animals to be Sampled = 2392

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
AGAR MALWA	Badod	Amalya Badod	409	380	789	13	7	6
ALIRAJPUR	Alirajpur	Somkuwa	174	734	908	13	2	11
ALIRAJPUR	Sondwa	Chhoti Hatwi	212	1233	1445	13	2	11
ANUPPUR *	Anuppur	Sohibelha	128	806	934	13	2	11
ANUPPUR	Bijuri	Bijuri (NP) - Ward No.15	260	691	951	13	4	9
ASHOKNAGAR	Chanderi	Sahariya Ward 21	177	282	459	13	5	8
ASHOKNAGAR	Ashoknagar	Masidpur	459	546	1005	13	6	7
BALAGHAT	Baihar	Bhimlat	63	381	444	13	2	11
BALAGHAT	Baihar	Baihar (NP) - Ward No.1	81	718	799	13	1	12
BALAGHAT *	Lanji	Mohjhari	259	676	935	13	4	9
BALAGHAT	Kirnapur	Murri	369	783	1152	13	4	9
BARWANI	Pansemal	Bandryabad	93	583	676	13	2	11
BARWANI	Rajpur	Pipri Buzurg	362	755	1117	13	4	9
BETUL	Multai	Nandbohi	113	219	332	13	4	9
BETUL	Multai	Nimanwada	251	387	638	13	5	8
BETUL	Shahpur	Chikhli Ryt	218	492	710	13	4	9
BETUL	Amla	Chhipanya Pipariya	228	1029	1257	13	2	11
BETUL	Multai	Tiwerkhed	241	2120	2361	13	1	12
BHIND	Lahar	Igui	340	85	425	13	10	3
BHIND	Gormi	Rajgadhiya	371	124	495	13	10	3
BHIND	Bhind	Simrao	892	211	1103	13	11	2
BHIND *	Gohad	Atarsoha	1190	240	1430	13	11	2
BHOPAL	Berasia	Khukaria	372	321	693	13	7	6
BHOPAL	Bhopal	Bhopal (M Corp.) - Ward No.52	822	822	1644	13	6	7
BURHANPUR	Khaknar	Khaknar Khurd	188	704	892	13	3	10
BURHANPUR	Nepanagar	Badnapur	210	1027	1237	13	2	11
CHHATARPUR	Ghuwara	Ghuwara (NP) - Ward No.11	212	186	398	13	7	6
CHHATARPUR *	Bada Malhera	Garkhuwan	311	200	511	13	8	5
CHHATARPUR	Chandla	Byas Badaura	229	314	543	13	5	8
CHHATARPUR	Rajnagar	Sandani	423	407	830	13	7	6

CHHATPUR	Gaurihar	Reona	313	645	958	13	4	9
CHHINDWARA	Chhindwara	Bhutera	40	218	258	13	2	11
CHHINDWARA	Mohkhed	Bhawari Ryt.	161	248	409	13	5	8
CHHINDWARA	Amarwara	Bangla Mal.	73	430	503	13	2	11
CHHINDWARA	Amarwara	Rapha	93	424	517	13	2	11
CHHINDWARA	Pandhurna	Lonadei Mal	81	438	519	13	2	11
CHHINDWARA	Harrai	Gutera	180	1168	1348	13	2	11
CHHINDWARA	Chhindwara	Chargaon Pehlad	396	1097	1493	13	3	10
CHHINDWARA	Jamai	Gop	3	1569	1572	13	0	13
DAMOH	Damoh	Madiya Kamal	93	215	308	13	4	9
DAMOH	Hatta	Dholiya Kheda	24	460	484	13	1	12
DAMOH	Damoh	Suhela	28	992	1020	13	0	13
DAMOH	Damoh	Bhuri	226	1039	1265	13	2	11
DATIA *	Datia	Kuretha	280	208	488	13	7	6
DATIA	Seondha	Diguwan	3844	1298	5142	13	10	3
DEWAS	Sonkatch	Surakheda Kalan	138	197	335	13	5	8
DEWAS	Khategaon	Karondkhurd	203	312	515	13	5	8
DEWAS	Khategaon	Satal	175	405	580	13	4	9
DEWAS *	Satwas	Mehandul	369	632	1001	13	5	8
DEWAS	Hatpilya	Dehriya Sahu	1509	1200	2709	13	7	6
DHAR	Pithampur	Pithampur (NP) - Ward No.13	77	137	214	13	5	8
DHAR	Dhar	Siyari	94	289	383	13	3	10
DHAR	Manawar	Kuradkhel	232	330	562	13	5	8
DHAR	Gandhwani	Jahedi	221	510	731	13	4	9
DHAR	Kukshi	Khaniamba	288	1057	1345	13	3	10
DHAR	Manawar	Lakhankot	613	964	1577	13	5	8
DINDORI	Shahpura	Gutli Ryt.	39	349	388	13	1	12
DINDORI *	Dindori	Vinodi Mal.	64	577	641	13	1	12
DINDORI	Dindori	Kamko Mohaniya Ryt.	127	695	822	13	2	11
DINDORI	Dindori	Dudhi Majholi Ryt.	137	711	848	13	2	11
EAST NIMAR	Punasa	Damkheda Kalan	204	403	607	13	4	9
EAST NIMAR	Khandwa	Bhamgarh Nazul	220	538	758	13	4	9
EAST NIMAR *	Khalwa	Chattu Battu	248	886	1134	13	3	10
EAST NIMAR	Khandwa	Amalpura	335	924	1259	13	3	10
GUNA	Maksoodangarh	Garkheda	323	127	450	13	9	4
GUNA	Guna	Parsoda	147	337	484	13	4	9
GUNA	Bamori	Dudhai	420	373	793	13	7	6
GUNA	Aron	Mudra Mata	587	357	944	13	8	5
GUNA	Guna	Guna (M) - Ward No.35	721	1487	2208	13	4	9

GWALIOR	Pichhore	Kalyani	467	384	851	13	7	6
GWALIOR	Gird	Susera	1307	180	1487	13	11	2
HARDA	Harda	Bhonkhedi	235	388	623	13	5	8
HARDA *	Timarni	Kathadi	404	348	752	13	7	6
HOSHANGABAD	Itarsi	Ghatli	60	297	357	13	2	11
HOSHANGABAD	Seoni-Malwa	Bhiladiya Kalan	144	339	483	13	4	9
HOSHANGABAD	Itarsi	Itarsi (M) - Ward No.9	286	612	898	13	4	9
HOSHANGABAD	Babai	Samon	469	1244	1713	13	4	9
INDORE	Depalpur	Taj khedi	250	150	400	13	8	5
INDORE	Sawer	Faraspur	238	344	582	13	5	8
INDORE	Mhow	Gawali Palasya	346	555	901	13	5	8
INDORE	Sawer	Sinnod	798	548	1346	13	8	5
JABALPUR	Majholi	Mudiya Madaud	40	237	277	13	2	11
JABALPUR *	Sihora	Budhra	94	312	406	13	3	10
JABALPUR	Shahpura	Gokala	158	394	552	13	4	9
JABALPUR	Jabalpur	Lala lajpat rai ward-ward no. 70	216	2094	2310	13	1	12
JHABUA	Jhabua	Rehanda	187	658	845	13	3	10
JHABUA	Meghnagar	Talai	173	1049	1222	13	2	11
KATNI	Murwara	Chanehata	326	385	711	13	6	7
KATNI	Vijayraghavgarh	Salaiya Kohari	151	938	1089	13	2	11
KHARGONE	Maheshwar	Prampura	120	274	394	13	4	9
KHARGONE	Segaon	Baneehar	171	601	772	13	3	10
KHARGONE *	Maheshwar	Itawadi	413	609	1022	13	5	8
KHARGONE	Gogaon	Mahammadpur	757	1125	1882	13	5	8
KHARGONE	Maheshwar	Pipliya Bujurg	715	1203	1918	13	5	8
MANDLA	Niwas	Bastari Jar	50	316	366	13	2	11
MANDLA	Ghughari	Chaugaon Ryt.	84	449	533	13	2	11
MANDLA *	Ghughari	Rehangi (Rihangi)	51	596	647	13	1	12
MANDLA	Bichhiya	Bijatola	59	612	671	13	1	12
MANDLA	Bichhiya	Dharampuri Mal.	76	603	679	13	1	12
Mandsaur	Garoth	Garoth (NP) - Ward No.6	166	195	361	13	6	7
Mandsaur	Sitamau	Maukheda	220	276	496	13	6	7
Mandsaur	Bhanpura	Dhabla Madhosingh	271	553	824	13	4	9
Mandsaur	Sitamau	Titrod	578	460	1038	13	7	6
MORENA	Morena	Morena (M) - Ward No.27	371	153	524	13	9	4
MORENA	Morena	Hargawan	679	82	761	13	12	1
MORENA	Joura	Narhela	1328	62	1390	13	12	1
MORENA	Joura	Khidora	1250	225	1475	13	11	2
NARSINGHPUR	Gadarwara	Ajansara	102	346	448	13	3	10

NARSINGHPUR	Narsimhapur	Dhubghat	227	686	913	13	3	10
NEEMUCH*	Neemuch	Lewada	103	545	648	13	2	11
NEEMUCH	Jiran	Lakhmi	434	561	995	13	6	7
PANNA	Shahnagar	Chakra	79	358	437	13	2	11
PANNA	Raipura	Harduwa Gijar	234	340	574	13	5	8
PANNA	Pawai	Muhli Dharampura	389	526	915	13	6	7
PANNA	Raipura	Badagaon Sarsela	383	962	1345	13	4	9
RAISEN	Silwani	Ushapur	5	381	386	13	0	13
RAISEN	Baraily	Sirawada Mordi	100	310	410	13	3	10
RAISEN	Silwani	Hameerpur	116	306	422	13	4	9
RAISEN	Baraily	Bharkachha Khurd	172	465	637	13	4	9
RAISEN	Silwani	Dilhari	398	1049	1447	13	4	9
RAJGARH	Narsinghgarh	Mittanpur	152	140	292	13	7	6
RAJGARH	Rajgarh	Ladanpura Charan	240	151	391	13	8	5
RAJGARH	Khilchipur	Pipliya Khawas	105	357	462	13	3	10
RAJGARH	Sarangpur	Chandni Jagir	185	291	476	13	5	8
RAJGARH	Khilchipur	Sedri	295	672	967	13	4	9
RAJGARH	Rajgarh	Peepal Kheda	1265	261	1526	13	11	2
RATLAM	Jaora	Bamankhedi (Part)	231	68	299	13	10	3
RATLAM	Bajna	Amarpura Khurd	92	366	458	13	3	10
RATLAM	Tal	Arwas	310	319	629	13	6	7
RATLAM	Sailana	Alka Kheda	84	557	641	13	2	11
RATLAM	Ratlam	Sarwad	296	562	858	13	4	9
REWA	Teonthar	Dadha Kalan	140	116	256	13	7	6
REWA	Semaria	Gahilwar Kalan	135	168	303	13	6	7
REWA	Teonthar	Atarsui	171	155	326	13	7	6
REWA	Semaria	Jarmai	150	257	407	13	5	8
REWA	Raipur - Karchuliyan	Padara	133	375	508	13	3	10
REWA	Huzur	Kolhuwaru	266	258	524	13	7	6
REWA	Huzur	Sumeda	168	616	784	13	3	10
REWA	Mangawan	Baseda	363	517	880	13	5	8
REWA	Teonthar	Panasi	462	434	896	13	7	6
REWA	Mangawan	Mahamudpur	342	1065	1407	13	3	10
SAGAR	Garhakota	Birpati	80	206	286	13	4	9
SAGAR	Sagar	Khiriya Nikhar	119	307	426	13	4	9
SAGAR	Malthon	Bikor Kalan	136	408	544	13	3	10
SAGAR	Malthon	Dhawri	72	580	652	13	1	12
SAGAR	Banda	Nendhra	122	591	713	13	2	11
SAGAR	Banda	Bhusa Kamalpur	159	735	894	13	2	11

SAGAR	Shahgarh	Khatora Kalan	779	1444	2223	13	5	8
SATNA	Ramnagar	Ramchua	17	211	228	13	1	12
SATNA	Jaitwara	Jaitwara (NP) - Ward No.3	95	216	311	13	4	9
SATNA	Unchahara	Palhanpur	70	491	561	13	2	11
SATNA	Amarpatan	Raikwar	257	444	701	13	5	8
SATNA	Unchahara	Karahi Khurd	497	384	881	13	7	6
SATNA	Satna	Satna (M Corp.) - Ward No.2	322	1227	1549	13	3	10
SEHORE	Shyampur	Durgaon	250	223	473	13	7	6
SEHORE	Nasrullaganj	Panchor	324	427	751	13	6	7
SEHORE	Jawar	Shahpura Pachapura	542	290	832	13	8	5
SEHORE	Sehore	Mograram	592	1158	1750	13	4	9
SEONI	Lakhnadon	Khadsi	58	281	339	13	2	11
SEONI	Seoni	Gorakhpurkhurd	116	283	399	13	4	9
SEONI	Keolari	Aharwara	41	529	570	13	1	12
SEONI	Chhapara	Kenkda	74	629	703	13	1	12
SHAHDOL	Beohari	Pathrehi	44	740	784	13	1	12
SHAHDOL	Sohagpur	Sabo (CT)	256	1057	1313	13	3	10
SHAJAPUR	Kalapipal	Rola Khedi	369	411	780	13	6	7
SHAJAPUR	Avantipur Badodiya	Bolda	530	375	905	13	8	5
SHEOPUR	Sheopur	Bheekhapur	130	493	623	13	3	10
SHEOPUR	Sheopur	Tulsef	1002	619	1621	13	8	5
SHIVPURI	Pohri	Segada	282	130	412	13	9	4
SHIVPURI	Pichhore	Devkheda	282	290	572	13	6	7
SHIVPURI	Shivpuri	Longarpur (Shankarpur)	284	334	618	13	6	7
SHIVPURI	Shivpuri	Gundhaya	333	739	1072	13	4	9
SHIVPURI	Pichhore	Bhonti	644	520	1164	13	7	6
SIDHI	Kusmi	Chitrauli	45	438	483	13	1	12
SIDHI	Gopadbanas	Bhagohar	240	583	823	13	4	9
SIDHI	Gopadbanas	Panwar Chauhantola	235	945	1180	13	3	10
SIDHI	Majhauli	Chamradol	173	1942	2115	13	1	12
SINGRAULI	Deosar	Godwali	86	880	966	13	1	12
SINGRAULI	Singrauli	Jamgadi	122	1295	1417	13	1	12
TIKAMGARH	Palera	Touriya Ugad	194	242	436	13	6	7
TIKAMGARH	Orchha	Orchha (NP) - Ward No.4	45	700	745	13	1	12
TIKAMGARH	Tikamgarh	Samarra	446	395	841	13	7	6
TIKAMGARH	Palera	Uparakhas	693	557	1250	13	7	6
TIKAMGARH	Mohangarh	Mastapur Khas	1197	1789	2986	13	5	8
UJJAIN	Nagda	Jhiranya Unhel	272	88	360	13	10	3
UJJAIN	Khacharod	Sandawda	358	143	501	13	9	4

UJJAIN	Khacharod	Dupdawada	396	281	677	13	8	5
UJJAIN	Mahidpur	Pipalya Dhuma	352	443	795	13	6	7
UJJAIN	Mahidpur	Khedakhajuriya	516	347	863	13	8	5
UMARIA	Manpur	Baghado	49	489	538	13	1	12
UMARIA	Manpur	Govarde	348	1734	2082	13	2	11
VIDISHA	Lateri	Amarai	132	97	229	13	7	6
VIDISHA	Gyaraspur	Semra Tappa Dhamnod	69	260	329	13	3	10
VIDISHA	Sironj	Boda Tal	95	260	355	13	3	10
VIDISHA	Nateran	Padaria Jagir	154	230	384	13	5	8
VIDISHA	Lateri	Barkheda Dev	196	339	535	13	5	8
VIDISHA	Lateri	Mahoti	316	510	826	13	5	8
		TOTAL	60625	107851	168476	2561	894	1667

*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
 e: Cattle

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

Unreserved Villages 184
 Reserved Villages 13
 Total Samples

2392
 169
 2561

FMD/SEROMON/NIVEDI/ROUND-IV/Maharashtra_20/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 21115

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.016

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 207 (+7 Reserved Villages)

Total No of Animals to be Sampled = 2691

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalos (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Ahmednagar	Kopargaon	Jeur Patoda	79	423	502	13	2	11
Ahmednagar	Akola	Sawargaonpat	109	666	775	13	2	11
Ahmednagar	Ahmednagar Cantonment Board	Ahmednagar Cant. Board Ward 2	229	555	784	13	4	9
Ahmednagar	Nevasa	Pichadgaon	279	717	996	13	4	9
Ahmednagar	Pathardi	Pimpalgaon Tappa	433	783	1216	13	5	8
Ahmednagar	Rahuri	Malunjre Kh.	28	1539	1567	13	0	13
Ahmednagar	Nevasa	Usthal Dumala	208	1430	1638	13	2	11
Akola	Akot	Akot (M Cl) - Ward No.3	129	214	343	13	5	8
Akola *	Barshitakli	Patkhed	73	468	541	13	2	11
Akola	Akot	Mundgaon	202	707	909	13	3	10
Amravati	Achalpur	Khatijapur	66	79	145	13	6	7
Amravati	Daryapur	Nachona	48	257	305	13	2	11
Amravati	Warud	Morchund	77	241	318	13	3	10
Amravati	Dharni	Biroti	23	303	326	13	1	12
Amravati	Dharni	Chethar	75	326	401	13	2	11
Amravati *	Nandgaon Khandeshwar	Onkar Kheda	117	519	636	13	2	11
Amravati	Achalpur	Achalpur (M Cl) - Ward No.24	352	297	649	13	7	6
Amravati	Chikhaldara	Jamli	239	449	688	13	5	8
Aurangabad	Sillod	Sillod (M Cl) - Ward No.9	46	110	156	13	4	9
Aurangabad	Gangapur	Pakhora	4	343	347	13	0	13
Aurangabad	Kannad	Ruikheda	4	419	423	13	0	13
Aurangabad	Kannad	Mohara	55	536	591	13	1	12
Aurangabad	Sillod	Mandna	130	524	654	13	3	10
Aurangabad	Aurangabad	Jalgaon Feran	60	820	880	13	1	12
Beed *	Georai	Katchincholi	28	152	180	13	2	11
Beed	Ashti	Saratewadgaon	23	284	307	13	1	12
Beed	Shirur (Kasar)	Bramhanath Yelamb	127	317	444	13	4	9

Beed	Patoda	Pithi	130	388	518	13	3	10
Beed	Patoda	Patoda (M CI) - All wards	220	473	693	13	4	9
Beed	Kaij	Nandurghat	351	478	829	13	6	7
Beed	Ashti	Khadkat	150	882	1032	13	2	11
Bhandara	Mohadi	Borgaon(Mundhari)	286	251	537	13	7	6
Bhandara	Lakhani	Masalmeta	189	368	557	13	4	9
Bhandara	Lakhandur	Dighori (Mothi)	518	631	1149	13	6	7
Buldhana	Buldana	Mohoj	1	100	101	13	0	13
Buldhana	Lonar	Lonar (M CI) - Ward No.1	144	91	235	13	8	5
Buldhana	Deolgaon Raja	Sawkhed Nagre	78	319	397	13	3	10
Buldhana	Khamgaon	Khamgaon (M CI) - Ward No.13	281	139	420	13	9	4
Buldhana *	Khamgaon	Kolori	109	512	621	13	2	11
Buldhana	Motala	Motala	369	773	1142	13	4	9
Buldhana	Shegaon	Pahurjira	285	1050	1335	13	3	10
Chandrapur	Brahmapuri	Brahmapuri (M CI) - Ward No.14	4	115	119	13	0	13
Chandrapur	Chimur	Makona	0	215	215	13	0	13
Chandrapur	Gondpipri	Bhangram Talodhi	61	306	367	13	2	11
Chandrapur	Bhadravati	Tekadi (Dixit)	9	362	371	13	0	13
Chandrapur	Rajura	Mathara	24	385	409	13	1	12
Chandrapur	Bhadravati	Waigaon Tukum	52	467	519	13	1	12
Chandrapur	Chimur	Minzari	54	576	630	13	1	12
Chandrapur	Rajura	Wirur Station	218	641	859	13	3	10
Dhule	Sakri	Ubharandi	11	673	684	13	0	13
Dhule	Sakri	Shenwad	92	875	967	13	1	12
Dhule *	Dhule	Mahal Pandhari	280	874	1154	13	3	10
Gadchiroli	Dhanora	Tumdkasa	0	102	102	13	0	13
Gadchiroli	Mulchera	Tumargunda	6	258	264	13	0	13
Gadchiroli	Armori	Naroti Chak	12	288	300	13	1	12
Gadchiroli	Dhanora	Lekha	33	325	358	13	1	12
Gadchiroli	Chamorshi	Narendrapur	0	363	363	13	0	13
Gadchiroli	Bhamragad	Mallampodhur	63	505	568	13	1	12
Gadchiroli	Bhamragad	Parainar	106	500	606	13	2	11
Gadchiroli	Chamorshi	Regadi	203	1085	1288	13	2	11
Gadchiroli	Chamorshi	Navegaon Raiyyatwari	226	1267	1493	13	2	11
Gondia	Goregaon	Chichgaontola	50	418	468	13	1	12

Gondia	Tirora	Gond Mohadi	154	450	604	13	3	10
Gondia	Gondiya	Khatiya	342	681	1023	13	4	9
Hingoli	Hingoli	Sirsam Bk.	72	446	518	13	2	11
Hingoli	Hingoli	Hingoli (M Cl) - Ward No.2	1170	382	1552	13	10	3
Jalgaon *	Muktainagar (Edlabad)	Mondhalde	47	58	105	13	6	7
Jalgaon	Bhadgaon	Rupnagar	35	186	221	13	2	11
Jalgaon	Pachora	Kalamsara	125	330	455	13	4	9
Jalgaon	Bhadgaon	Lon Pr. Bhadgaon	48	445	493	13	1	12
Jalgaon	Erandol	Hanmantkhede Sim	265	240	505	13	7	6
Jalgaon	Bodvad	Kurha Hardo	294	337	631	13	6	7
Jalgaon	Amalner	Bharvas	220	498	718	13	4	9
Jalgaon	Bhadgaon	Walwadi Bk.	360	570	930	13	5	8
Jalgaon	Yawal	Nhavi Pr. Yaval	753	849	1602	13	6	7
Jalna	Jalna	Sarwadi (Jalna)	72	204	276	13	3	10
Jalna	Partur	Kawjawala	70	416	486	13	2	11
Jalna *	Jalna	Patrud	29	543	572	13	1	12
Jalna	Bhokardan	Baranjala (Sabale)	65	873	938	13	1	12
Jalna	Jalna	Pirkalyan	249	1005	1254	13	3	10
Kolhapur	Ichalkaranji	Ichalkaranji (M Cl) - Ward No.14	60	46	106	13	7	6
Kolhapur	Karvir	Kekatwadi	211	112	323	13	8	5
Kolhapur	Panhala	Waghurde	402	164	566	13	9	4
Kolhapur	Shahuwadi	Panundre	446	181	627	13	9	4
Kolhapur	Shahuwadi	Ameni	574	178	752	13	10	3
Kolhapur	Kagal	Galgale	531	276	807	13	9	4
Kolhapur	Panhala	Yavluj	1802	562	2364	13	10	3
Kolhapur	Kagal	Mhakave	1315	1066	2381	13	7	6
Latur	Ahmadpur	Ahmadpur (M Cl) - Ward No.18	180	144	324	13	7	6
Latur	Latur	Wasangaon	257	261	518	13	6	7
Latur	Ahmadpur	Yertar	349	321	670	13	7	6
Latur	Ahmadpur	Ajani Kh	440	280	720	13	8	5
Latur	Renapur	Niwada	471	299	770	13	8	5
Mumbai	Greater Mumbai	S - Ward No. 110	365	16	381	13	12	1
Mumbai	Greater Mumbai	K/West - Ward No. 64	1739	0	1739	13	13	0
Nagpur	Mauda	Gangner	3	144	147	13	0	13
Nagpur	Narkhed	Sardi	0	200	200	13	0	13

Nagpur	Parseoni	Hiwara (Gahu)	68	243	311	13	3	10
Nagpur	Hingna	Metaumari	0	378	378	13	0	13
Nagpur	Kuhi	Kuchadi	43	351	394	13	1	12
Nagpur	Katol	Katol (M Cl) - Ward No.9	46	350	396	13	2	11
Nagpur	Savner	Temburdoch	10	473	483	13	0	13
Nagpur	Bhiwapur	Somanala	59	465	524	13	1	12
Nanded	Hadgaon	Umri Kh	99	125	224	13	6	7
Nanded	Kinwat	Kupti Bk	71	237	308	13	3	10
Nanded	Biloli	Machnur	52	326	378	13	2	11
Nanded	Biloli	Kangathai	98	290	388	13	3	10
Nanded	Loha	Kapshi Kh.	194	282	476	13	5	8
Nanded	Biloli	Muthyal	141	429	570	13	3	10
Nanded	Ardhapur	Delub (Bk.)	307	265	572	13	7	6
Nanded	Kandhar	Shirsi Kh.	293	293	586	13	6	7
Nanded	Kandhar	Shellaliwadi	542	530	1072	13	7	6
Nandurbar	Shahade	Shrikhed	18	130	148	13	2	11
Nandurbar	Nandurbar	Ghoghalgaon	37	196	233	13	2	11
Nandurbar	Akrani	Borwan	37	333	370	13	1	12
Nandurbar	Nandurbar	Kothade	44	370	414	13	1	12
Nandurbar	Akkalkuwa	Bokhadi	77	746	823	13	1	12
Nandurbar	Akkalkuwa	Walamba (K)	226	698	924	13	3	10
Nashik	Igatpuri	Ondli	106	104	210	13	7	6
Nashik	Dindori	Savarpathali	63	203	266	13	3	10
Nashik	Malegaon	Mathurpada	63	326	389	13	2	11
Nashik	Sinnar	Vinchur Dalvi	72	431	503	13	2	11
Nashik	Baglan	Pisore	0	577	577	13	0	13
Nashik	Baglan	Tarsali	45	542	587	13	1	12
Nashik	Deola	Vithewadi	310	425	735	13	5	8
Nashik	Yevla	Kusmadi	116	766	882	13	2	11
Nashik	Malegaon	Lulle	85	880	965	13	1	12
Nashik	Baglan	Karanjad	278	688	966	13	4	9
Osmanabad	Tuljapur	Suratgaon	411	275	686	13	8	5
Osmanabad	Kalamb	Adsalwadi	126	712	838	13	2	11
Osmanabad	Kalamb	Wadgaon (Shirdhon)	265	631	896	13	4	9
Palghar	Jawhar	Vp-Aayare	0	283	283	13	0	13

Palghar	Mokhada	Karol	0	301	301	13	0	13
Palghar	Dahanu	Ganeshbag	34	445	479	13	1	12
Palghar	Vada	Vasuri Bk	267	337	604	13	6	7
Palghar	Palghar	Kelwa Road	648	715	1363	13	6	7
Parbhani	Jintur	Halvira [Harli]	45	198	243	13	2	11
Parbhani	Sailu	Jawala Jivaji	41	298	339	13	2	11
Parbhani	Purna	Phukatgaon	85	293	378	13	3	10
Parbhani	Sailu	Simangaon	73	538	611	13	2	11
Parbhani	Pathri	Devnandra	284	444	728	13	5	8
Pune	Bhor	Tale Mhasavali	71	48	119	13	8	5
Pune	Pune	Pune (M Corp.) - Ward No.16	179	46	225	13	10	3
Pune	Ambegaon	Pimpalgaon Tarf Ghoda	157	228	385	13	5	8
Pune	Shirur	Dhok Sangavi	86	333	419	13	3	10
Pune	Khed	Wahagaon	279	189	468	13	8	5
Pune	Ambegaon	Mordewadi	52	484	536	13	1	12
Pune	Baramati	Gojubavi	167	648	815	13	3	10
Pune	Pune	Pune (M Corp.) - Ward No.2	789	48	837	13	12	1
Pune	Pimpri Chinchwad	Pimpri Chinchwad (M Corp.) - Ward No.5	401	442	843	13	6	7
Pune	Baramati	Sadobachiwadi	96	783	879	13	1	12
Raigad	Tala	Mhasadi (N.V.)	0	117	117	13	0	13
Raigad	Uran	Windhane	54	81	135	13	5	8
Raigad	Roha	Chinchawali Tarf Diwali	56	84	140	13	5	8
Raigad	Sudhagad	Padsare	20	167	187	13	1	12
Raigad	Panvel	Vichumbe	103	100	203	13	7	6
Raigad	Tala	Malathe	32	178	210	13	2	11
Raigad	Alibag	Dhokawade	49	201	250	13	3	10
Raigad	Karjat	Gudhavan	20	236	256	13	1	12
Raigad	Pen	Benase	64	207	271	13	3	10
Raigad	Khalapur	Chavani	91	369	460	13	3	10
Ratnagiri	Dapoli	Sakhaloli	8	115	123	13	1	12
Ratnagiri	Ratnagiri	Phansop	14	171	185	13	1	12
Ratnagiri	Chiplun	Khadpoli	17	180	197	13	1	12
Ratnagiri	Dapoli	Asud	32	168	200	13	2	11
Ratnagiri	Khed	Suseri	39	210	249	13	2	11
Ratnagiri	Chiplun	Posare	32	285	317	13	1	12

Ratnagiri	Lanja	Waked	36	424	460	13	1	12
Ratnagiri	Khed	Dhamandevi	10	576	586	13	0	13
Sangli	Walwa	Gaundwadi	287	133	420	13	9	4
Sangli	Jat	Kaganari	420	400	820	13	7	6
Sangli	Ashta	Ashta (M Cl) - Ward No.6	579	532	1111	13	7	6
Sangli	Shirala	Kande	981	1072	2053	13	6	7
Sangli	Jat	Bilur	2263	2016	4279	13	7	6
Satara	Karad	Chormarwadi	114	45	159	13	9	4
Satara	Satara	Malyachi Wadi	146	61	207	13	9	4
Satara	Mhaswad	Mhaswad (M Cl) - Ward No.17	276	136	412	13	9	4
Satara	Mhaswad	Mhaswad (M Cl) - Ward No.14	291	143	434	13	9	4
Satara	Man	Gangotri	244	229	473	13	7	6
Satara	Wai	Kikali	303	241	544	13	7	6
Satara	Khatav	Rahatani	502	150	652	13	10	3
Satara	Karad	Tulsan	796	265	1061	13	10	3
Satara	Man	Jashi	562	876	1438	13	5	8
Sindhudurg	Kankavli	Bharni	6	167	173	13	0	13
Sindhudurg	Kudal	Humarmala	79	141	220	13	5	8
Sindhudurg	Malwan	Chunavare	61	159	220	13	4	9
Sindhudurg	Sawantwadi	Kalambist	257	98	355	13	9	4
Sindhudurg	Kudal	Gaondhad	197	248	445	13	6	7
Solapur	Barshi	Barshi (M Cl) - Ward No.3	67	82	149	13	6	7
Solapur	Madha	Bhogewadi	88	333	421	13	3	10
Solapur	Mangalvedhe	Yedrav	608	374	982	13	8	5
Solapur	Sangole	Lonavire	397	687	1084	13	5	8
Solapur	Sangole	Aglavewadi	559	945	1504	13	5	8
Solapur	Pandharpur	Tavashi	1284	1522	2806	13	6	7
Solapur	Mohol	Sayyadwarwade	957	3697	4654	13	3	10
Thane	Murbad	Khutal Bangla	102	37	139	13	10	3
Thane	Murbad	Bhorande	0	180	180	13	0	13
Thane	Bhiwandi	Chiradpada	205	27	232	13	11	2
Thane	Ambarnath	Bohonoli	171	103	274	13	8	5
Thane	Shahapur	Mokhavane	179	178	357	13	7	6
Thane	Thane	Thane M.Corp ward no. 25 Kalwa	306	116	422	13	9	4
Thane	Shahapur	Vl-Kanave	436	134	570	13	10	3

Wardha	Wardha	Dahegaon Miskin	76	312	388	13	3	10
Wardha	Deoli	Bhidi	55	699	754	13	1	12
Wardha	Karanja	Ajandoh	228	704	932	13	3	10
Washim	Karanja	Shevti	18	391	409	13	1	12
Washim	Karanja	Palana	29	527	556	13	1	12
Yavatmal	Yavatmal	Yavatmal (M CI) - Ward No.27	78	125	203	13	5	8
Yavatmal	Kalamb	Musal	13	273	286	13	1	12
Yavatmal	Mahagaon	Kalulalnagar	13	359	372	13	0	13
Yavatmal	Wani	Ghonsa	46	418	464	13	1	12
Yavatmal	Ralegaon	Sawangi (Perka)	111	522	633	13	2	11
Yavatmal	Ghatanji	Pata(Pa)	19	1033	1052	13	0	13
Yavatmal	Digras	Warandali	44	1342	1386	13	0	13
		TOTAL	44659	90568	135227	2782	823	1959

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

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

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

Unreserved Villages 207 **2691**
Reserved Villages 7 **91**
Total Samples **2782**

FMD/SEROMON/NIVEDI/ROUND-IV/Manipur_21/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 1945

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.06

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 52

Total No of Animals to be Sampled = 622

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	Moirang	Terakhongsangbi	5	580	585	13	0	13
Chandel	Chakpikarong	Sugnu Lamhang	0	15	15	9	0	9
Chandel	Tengnoupal	L.Sijang	0	24	24	11	0	11
Chandel	Chakpikarong	Thungcheng	1	35	36	11	0	11
Chandel	Machi	Kojam	3	35	38	12	1	11
Chandel	Machi	Leithao	0	38	38	12	0	12
Chandel	Machi	Samanphai	0	54	54	12	0	12
Chandel	Chakpikarong	T.Nampao	0	58	58	12	0	12
Chandel	Tengnoupal	Damjol	0	60	60	12	0	12
Churachandpur	Churachandpur North	Monglham	0	14	14	9	0	9
Churachandpur	Singngat	P. Suahzahu	0	27	27	11	0	11
Churachandpur	Thanlon	Sumtuh (Sumtuk)	2	26	28	11	1	10
Churachandpur	Tipaimukh	Kh. Jaikhan	4	28	32	11	1	10
Churachandpur	Thanlon	Sinjawl	0	39	39	12	0	12
Churachandpur	Churachandpur North	L. Khengjang	27	17	44	12	7	5
Churachandpur	Churachandpur	Mata Lambulane	39	51	90	13	6	7
Churachandpur	Singngat	Tonglon (K)	0	91	91	13	0	13
Churachandpur	Churachandpur	Matijang	6	94	100	13	1	12
Churachandpur	Churachandpur	Rengkai (Ct)	0	131	131	13	0	13
Imphal East	Torban-Kshetri Leikai	Torban (Kshetri Leikai) (CT) - Ward	0	19	19	10	0	10
Imphal East	Imphal	Imphal (M Cl) - Ward No.18	0	61	61	12	0	12
Imphal East	Sawombung	Uyumpok Muslim	0	86	86	12	0	12
Imphal East	Sawombung	Kamuchingil	0	115	115	13	0	13
Imphal East	Sawombung	Seijang	0	155	155	13	0	13
Imphal East	Porompat	Kontha Khabam	0	156	156	13	0	13
Imphal East	Keirao Bitra	Nungaipokpi	0	177	177	13	0	13
Imphal West	Samuropat	Samuropat (NP) (Part) - Ward No.6	2	47	49	12	0	12
Imphal West	Lamshang	Kangtabi	0	67	67	12	0	12
Imphal West	Thongkhong Laxmi Bazar	Thongkhong Laxmi Bazar (NP) - Ward	0	68	68	12	0	12
Imphal West	Wangoi	Naorem Leikai	0	131	131	13	0	13
Imphal West	Lamshang	Maklang Karong Kachikhul	0	139	139	13	0	13
Senapati	Sadar Hills West	School Parganda	0	16	16	10	0	10
Senapati	Saitu-Gamphazol	Phoibi	2	16	18	10	1	9
Senapati	Sadar Hills West	Khollen	0	20	20	10	0	10
Senapati	Saitu-Gamphazol	K.Phoibung	9	27	36	11	3	8
Senapati	Saitu-Gamphazol	Kholep	0	38	38	12	0	12
Senapati	Mao-Maram	Takhung	0	40	40	12	0	12
Senapati	Sadar Hills East	Tuisenphai	0	44	44	12	0	12
Senapati	Sadar Hills East	Chaningpokpi	54	11	65	12	10	2
Senapati	Saitu-Gamphazol	Sipijang	17	61	78	12	3	9

Senapati	Mao-Maram	Khongnem	0	85	85	12	0	12
Senapati	Paomata	Laii Sarafii	0	88	88	12	0	12
Senapati	Paomata	Tungam Makhuifi	75	20	95	13	10	3
Senapati	Sadar Hills West	Timsina	0	112	112	13	0	13
Tamenglong	Nungba	Kambiron	17	37	54	12	4	8
Tamenglong	Tamenglong North	Eileng	0	108	108	13	0	13
Thoubal	Sikhong Sekmai	Sikhong Sekmai (NP) - Ward No.9	0	66	66	12	0	12
Thoubal	Kakching Khunou	Kakching Khunou (NP) - Ward No.9	0	129	129	13	0	13
Thoubal	Thoubal	Kangyambem	0	155	155	13	0	13
Ukhrul	Ukhrul Central	Nungshong Khullen	37	30	67	12	7	5
Ukhrul	Ukhrul South	Khunthak	124	0	124	13	13	0
Ukhrul	Ukhrul North	Chingiaroi Khullen	75	114	189	13	5	8
		TOTAL	499	3855	4354	622	73	549

a: District Name

f: Buffalo + Cattle Population

b: Block Name

g : Number of units to sample

c: Village Name

h: Buffalo Proportion

d: Buffalo Population

i: Cattle Proportion

e: Cattle Population

FMD/SEROMON/NIVEDI/ROUND-IV/Meghalaya_22/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 2275

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.04

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 82

Total No of Animals to be Sampled = 1066

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
East Garo Hills	Songsak	Snal Dajreng	0	156	156	13	0	13
East Garo Hills	Samanda	Wakgitcho	0	175	175	13	0	13
East Garo Hills	Songsak	Songsak Jarepa	0	198	198	13	0	13
East Garo Hills	Samanda	Sawilgre	0	200	200	13	0	13
East Garo Hills	Dambo Rongjeng	Ronggisim Songma	0	286	286	13	0	13
East Garo Hills	Dambo Rongjeng	Imtra-Apal (Mangsang Imtra Guttim)	0	290	290	13	0	13
East Garo Hills	Songsak	Daga Apal	0	695	695	13	0	13
East Jaintia Hills	Saipung	Daitstong	0	410	410	13	0	13
East Jaintia Hills	Saipung	Mooknor	0	1046	1046	13	0	13
East Khasi Hills	Mawphlang	Kynroh Nonglum	0	114	114	13	0	13
East Khasi Hills	Mawphlang	Laitdithuh	0	148	148	13	0	13
East Khasi Hills	Mawphlang	Mawngap Mawkharshiing	0	163	163	13	0	13
East Khasi Hills	Mawsynram	Kyprhei	0	197	197	13	0	13
East Khasi Hills	Shella Bholaganj	Wahkaliar	0	203	203	13	0	13
East Khasi Hills	Mawryngkneng	Urmasi-U-Joh	0	227	227	13	0	13
East Khasi Hills	Mawphlang	Thainthynroh Mawlum	0	232	232	13	0	13
East Khasi Hills	Khatarshnong Laitkroh	Jalynteng	0	240	240	13	0	13
East Khasi Hills	Mawphlang	Laitnongrem	0	276	276	13	0	13
East Khasi Hills	Mawsynram	Mawlynnu	0	310	310	13	0	13
East Khasi Hills	Mawsynram	Hurupakni	0	410	410	13	0	13
East Khasi Hills	Myliem	Nongkseh (Ct)	0	830	830	13	0	13
North Garo Hills	Kharkutta	Rakuma	0	110	110	13	0	13
North Garo Hills	Kharkutta	Dokongsi C	0	146	146	13	0	13
North Garo Hills	Resubelpara	Sarongkol	0	244	244	13	0	13
North Garo Hills	Kharkutta	Rangga	0	262	262	13	0	13
North Garo Hills	Kharkutta	Kara Balapara	0	309	309	13	0	13
North Garo Hills	Resubelpara	Resubelpara (MB) - Ward No.8	0	372	372	13	0	13
North Garo Hills	Resubelpara	Damash	0	587	587	13	0	13
Ri Bhoi	Umsning	Umtangi	8	118	126	13	1	12
Ri Bhoi	Umsning	Lumdaithkhla A	0	134	134	13	0	13
Ri Bhoi	Jirang	Nongthmmmai	28	150	178	13	2	11
Ri Bhoi	Umsning	Laitsyiar	0	184	184	13	0	13

Ri Bhoi	Umsning	Mawlyngkhung	28	184	212	13	2	11
Ri Bhoi	Jirang	Wahsynon	48	285	333	13	2	11
Ri Bhoi	Jirang	Sohkyrbam Domphlang	27	317	344	13	1	12
Ri Bhoi	Jirang	Bernongsai Nongspung	0	423	423	13	0	13
South Garo Hills	Chokpot	Emrangre	0	106	106	13	0	13
South Garo Hills	Gasuapara	Kongkona	0	116	116	13	0	13
South Garo Hills	Baghmara	Maraka Chiring	0	116	116	13	0	13
South Garo Hills	Chokpot	Anigre	0	170	170	13	0	13
South Garo Hills	Chokpot	Darengiri	0	170	170	13	0	13
South Garo Hills	Gasuapara	Cherengpara I	0	189	189	13	0	13
South Garo Hills	Rongara	Bul Awe	0	291	291	13	0	13
South Garo Hills	Baghmara	Tainang	0	303	303	13	0	13
South Garo Hills	Chokpot	Durabanda Agitok	0	340	340	13	0	13
South Garo Hills	Chokpot	Tengki Badimagiri	0	412	412	13	0	13
South West Garo Hills	Betasing	Gambagre	0	108	108	13	0	13
South West Garo Hills	Zikzak	Bollonggre-A (Diglakona)	0	204	204	13	0	13
South West Garo Hills	Zikzak	Kalaigaon Bilipara	0	210	210	13	0	13
South West Garo Hills	Zikzak	Balughat B	0	278	278	13	0	13
South West Garo Hills	Zikzak	Babelapara	0	515	515	13	0	13
South West Garo Hills	Zikzak	Ulubaripara	10	514	524	13	0	13
South West Khasi Hills	Ranikor	Kaitakona	0	295	295	13	0	13
South West Khasi Hills	Mawkyrwat	Mawthawpdah	0	380	380	13	0	13
South West Khasi Hills	Ranikor	Ganganagar B	0	416	416	13	0	13
West Garo Hills	Dalu	Dobokgre	0	107	107	13	0	13
West Garo Hills	Dalu	Godagre	0	148	148	13	0	13
West Garo Hills	Rongram	Ganol Apal	0	182	182	13	0	13
West Garo Hills	Dadenggiri	Dobadamgre	0	239	239	13	0	13
West Garo Hills	Dalu	Tibapara A	0	242	242	13	0	13
West Garo Hills	Selsella	Upper Nalbari	0	272	272	13	0	13
West Garo Hills	Dalu	Killapara East B	0	282	282	13	0	13
West Garo Hills	Rongram	Silsekgre	0	359	359	13	0	13
West Garo Hills	Rongram	Dittegre	0	406	406	13	0	13
West Garo Hills	Dalu	Dingkajhora	0	486	486	13	0	13
West Garo Hills	Dalu	Jarangpara	0	508	508	13	0	13
West Garo Hills	Tikrikilla	Rabukong	0	836	836	13	0	13
West Jaintia Hills	Thadlaskein	Mookyniang	0	195	195	13	0	13
West Jaintia Hills	Thadlaskein	Muphlang	0	266	266	13	0	13
West Jaintia Hills	Thadlaskein	Ksehrynshang	60	303	363	13	2	11
West Jaintia Hills	Laskein	Thadmuthlong	32	502	534	13	1	12
West Jaintia Hills	Thadlaskein	Phlongingkhaw	0	646	646	13	0	13
West Khasi Hills	Nongstoin	Byrki	0	119	119	13	0	13
West Khasi Hills	Nongstoin	Umdiangphiang	0	142	142	13	0	13
West Khasi Hills	Mawshynrut	Umdang	46	118	164	13	4	9
West Khasi Hills	Mairang	Nongrmai	0	194	194	13	0	13

West Khasi Hills	Mairang	Nongthliew	0	226	226	13	0	13
West Khasi Hills	Nongstoin	Umdiangsiar	0	230	230	13	0	13
West Khasi Hills	Mawthadraishan	Markasa	0	246	246	13	0	13
West Khasi Hills	Mairang	Mawshut Incl Mawiong Mawshut	0	283	283	13	0	13
West Khasi Hills	Mairang	Ksekhohmoit	0	593	593	13	0	13
West Khasi Hills	Mairang	Nongthliew Sharum	0	659	659	13	0	13
		TOTAL	287	24553	24840	1066	15	1051

a: District Name

b: Block Name

c: Village Name

d: Buffalo

e: Cattle

f: Buffalo + Cattle

g: Number of units to sample

h: Buffalo Proportion

i: Cattle Proportion

FMD/SEROMON/NIVEDI/ROUND-IV/Mizoram23/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 50 + (Cattle + Buffalo) = 264

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.06

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 54 (+6 Reserved Villages)

Total No of Animals to be Sampled = 687

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
AIZAWL	Thingsulthliah (Part)	Lenchim	0	73	73	12	0	12
AIZAWL	Aibawk	Sailam	0	86	86	12	0	12
AIZAWL	Aizawl	Aizawl (NT) - Ward No.67	0	151	151	13	0	13
AIZAWL	Thingsulthliah (Part)	Sihfa	0	154	154	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	Tlangnuam (Part)	Neihbawih	0	348	348	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
CHAMPHAI	Champhai	Zion Veng	0	73	73	12	0	12
CHAMPHAI	Khawbung	Khankawn	0	129	129	13	0	13
CHAMPHAI	Khawbung	Vangchhia	0	155	155	13	0	13
CHAMPHAI *	Khawbung	Samthang (old)	20	149	169	13	2	11
CHAMPHAI	Ngopa	Selam	0	230	230	13	0	13
CHAMPHAI	Ngopa	Kawlberm	44	258	302	13	2	11
CHAMPHAI	Champhai	Champhai (NT) - Ward No.11	0	459	459	13	0	13
KOLASIB	Bilkhawthlir	Buhchangphai	0	185	185	13	0	13
KOLASIB	Tlangnuam (Part)	Serkhan	0	481	481	13	0	13
KOLASIB	Bilkhawthlir	Saiphai	209	1065	1274	13	2	11
LAWNGTLAI	Chawngte	Kamlanagar II (Chawngte C II)	0	62	62	12	0	12
LAWNGTLAI	Chawngte	Ugudasury	0	74	74	12	0	12
LAWNGTLAI	Chawngte	Mandirasora	0	84	84	12	0	12
LAWNGTLAI	Chawngte	Boronasury	0	85	85	12	0	12
LAWNGTLAI	Chawngte	Palenosora	0	90	90	13	0	13
LAWNGTLAI	Chawngte	Bondukbangsora	0	102	102	13	0	13
LAWNGTLAI	Chawngte	Ajasora	0	106	106	13	0	13
LAWNGTLAI	Lawngtlai	Diltlang ÖçýşÖçö	18	123	141	13	2	11
LAWNGTLAI	S Bungtlang	Dumzautlang	0	161	161	13	0	13

LAWNGTLAI	Chawngte	Parva I	0	162	162	13	0	13
LAWNGTLAI *	Chawngte	Borapansury II	0	170	170	13	0	13
LAWNGTLAI	Chawngte	Kurbalavasora	0	172	172	13	0	13
LUNGLEI	Lungsen	Bindiasora	0	80	80	12	0	12
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.23	0	81	81	12	0	12
LUNGLEI	West Bunghmun	Kawnpui W	0	102	102	13	0	13
LUNGLEI	Lungsen	Balungsuri	0	105	105	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	Lamthai II	0	133	133	13	0	13
LUNGLEI	Lungsen	Zohmun	0	179	179	13	0	13
LUNGLEI	West Bunghmun	Malsuri	0	210	210	13	0	13
LUNGLEI	West Bunghmun	Puankhai	0	212	212	13	0	13
LUNGLEI	West Bunghmun	Devasora	0	245	245	13	0	13
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.16	0	293	293	13	0	13
MAMIT	Zawlnuam	Tuidam	0	52	52	12	0	12
MAMIT	Mamit	Bazar Veng	0	65	65	12	0	12
MAMIT	Zawlnuam	Belkhai	0	78	78	12	0	12
MAMIT	Zawlnuam	Bawrai	0	87	87	12	0	12
MAMIT	Zawlnuam	Kawrthah	0	119	119	13	0	13
MAMIT *	Zawlnuam	Saikhawthlir	0	305	305	13	0	13
SERCHHIP	Serchhip	Hmunzawl	0	131	131	13	0	13
SERCHHIP	Thenzawl	Thenzawl West	5	205	210	13	0	13
SERCHHIP	Thenzawl	Thenzawl Vengtar	12	401	413	13	0	13
SIAHA	Tipa	Lodaw	0	59	59	12	0	12
SIAHA	Siaha	Thiahra	0	68	68	12	0	12
SIAHA	Siaha	Saiha (NT) WARD NO.-0002	0	96	96	13	0	13
SIAHA *	Tipa	Phura-S	83	28	111	13	10	3
SIAHA	Tipa	Tisi - I	0	164	164	13	0	13
SIAHA	Siaha	Theiva	0	190	190	13	0	13
		TOTAL	391	11487	11878	765	18	747

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

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

FMD/SEROMON/NIVEDI/ROUND-IV/Nagaland_24/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 917

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.06

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 54

Total No of Animals to be Sampled = 655

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Dimapur	Chumukedima	Samaguri	8	28	36	11	2	9
Dimapur	Chumukedima	Eralibill	0	64	64	12	0	12
Dimapur	Niuland	Kiyezu B	0	84	84	12	0	12
Dimapur	Aquqhaqua	Mughavi	4	103	107	13	0	13
Dimapur	Dhansiripar	A.K. Industrial (Ur)	4	227	231	13	0	13
Dimapur	Nihokhu	Nihokhu	30	611	641	13	1	12
Dimapur	Dhansiripar	Tsethrongse	72	633	705	13	1	12
Dimapur	Medziphema	Moava	466	280	746	13	8	5
Kiphire	Sitimi	Shothoumi A	0	36	36	11	0	11
Kiphire	Sitimi	Thazivivi	0	55	55	12	0	12
Kiphire	Sitimi	Yingphire	0	89	89	12	0	12
Kiphire	Seyochung	Phisami	0	121	121	13	0	13
Kohima	Chunlikha	Yikhanyu	0	36	36	11	0	11
Kohima	Tsemintyu	Kashanyu	0	51	51	12	0	12
Kohima	Tsemintyu (TC)	No.7	0	127	127	13	0	13
Kohima	Sechu-Zubza	Khonoma	0	175	175	13	0	13
Longleng	Longleng	Orangkong	0	138	138	13	0	13
Longleng	Yongnyah	Yongnyah Village	0	693	693	13	0	13
Mokokchung	Kubolong	Yimchalu	0	20	20	10	0	10
Mokokchung	Ongpangkong	Khensa	0	24	24	11	0	11
Mokokchung	Mangkolemba	Longsemrang	0	157	157	13	0	13
Mokokchung	Longchem	Yajang 'a	0	172	172	13	0	13
Mon	Mon Town Council	Mon Town (TC) - Ward No. 9 SHANTHAM	4	16	20	10	2	8
Mon	Mon Sadar	Tekuk (Ur)	0	47	47	12	0	12
Mon	Tizit Town Council	Tizit Town (TC) - Ward No.6 FOREST WARD	0	93	93	13	0	13
Mon	Tizit Town Council	Tizit Town (TC) - Ward No.3 YANLEM WARD	4	117	121	13	0	13
Mon	Shangnyu	Shangnyu	55	80	135	13	5	8

Peren	Jalukie (TC)	No.8	8	75	83	12	1	11
Peren	Athibung	Phajol	137	0	137	13	13	0
Peren	Athibung	Beisumpuikam	707	283	990	13	9	4
Peren	Athibung	Athibung	606	580	1186	13	7	6
Phek	Pfutsero (TC)	No.1	0	42	42	12	0	12
Phek	Meluri	Kanjang	65	0	65	12	12	0
Phek	Chetheba	K Bawe	0	69	69	12	0	12
Phek	Meluri	Reguri	112	0	112	13	13	0
Phek	Khezhakeno	Khezakeno Village	112	0	112	13	13	0
Tuensang	Chessore	Longtoker	0	46	46	12	0	12
Tuensang	Chare	Longkhitpe	0	67	67	12	0	12
Tuensang	Chare	Chare Hq	0	84	84	12	0	12
Tuensang	Ngoungchung	Yali	4	113	117	13	0	13
Tuensang	Tuensang Sadar	Tuensang Village	2	259	261	13	0	13
Wokha	Sanis	Makhورung	0	12	12	9	0	9
Wokha	Aitepyong	Mekokla	0	28	28	11	0	11
Wokha	Changpang	Aqhauitito	0	31	31	11	0	11
Wokha	Changpang	Khakathato	0	44	44	12	0	12
Wokha	Wozhuro	Phiyo	0	63	63	12	0	12
Wokha	Chukitong	Mungya	0	64	64	12	0	12
Zunheboto	Asuto	Kathara	0	11	11	8	0	8
Zunheboto	Asuto	Koiboto	0	27	27	11	0	11
Zunheboto	Tokiye	Ghuvishe	0	72	72	12	0	12
Zunheboto	Aghunato	Lukikhe	0	79	79	12	0	12
Zunheboto	Atoizu	Vekuhu (Old)	0	139	139	13	0	13
Zunheboto	Ghathashi	Ghathashi Hq	0	146	146	13	0	13
Zunheboto	Aghunato	Phuleshetomi	0	173	173	13	0	13
		TOTAL	2400	6784	9184	655	87	568

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

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

Unreserved Villages 54 **655**
Reserved Villages 6 **73**
Total Samples **728**

FMD/SEROMON/NIVEDI/ROUND-IV/Odisha_25/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 18271

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.04

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 82

Total No of Animals to be Sampled = 1066

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Anugul	Chhendipada	Samala Malicha	4	457	461	13	0	13
Balangir	Balangir	Malmunda	0	210	210	13	0	13
Balangir	Belpara	Parlimal	6	484	490	13	0	13
Baleswar	Bhograi	Sukasandha	0	225	225	13	0	13
Baleswar	Soro	Soro (M) - Ward No.15	0	275	275	13	0	13
Baleswar	Nilagiri	Nilagiri (NAC) - Ward No.13	0	305	305	13	0	13
Baleswar	Kamarda	Jaladha	0	845	845	13	0	13
Baleswar	Baliapal	Aladiha	0	1396	1396	13	0	13
Bargarh	Bargarh	Khaliapali (Ct)	0	274	274	13	0	13
Bargarh	Attabira	Tupapara	31	300	331	13	1	12
Bhadrak	Bhandari Pokhari	Bayabanapur	0	409	409	13	0	13
Bhadrak	Bhadrak Rural	Bantia	0	1023	1023	13	0	13
Boudh	Baudh Sadar	Kantuani	0	177	177	13	0	13
Boudh	Baudh Sadar	Pargalpur	20	379	399	13	1	12
Cuttack	Narasinghpur	Sanagaon	2	261	263	13	0	13
Cuttack	Gurudijhatia	Chhotiamba	2	504	506	13	0	13
Deogarh	Kundheigola	Haladiakhola(K)	0	275	275	13	0	13
Deogarh	Barkot	Raitabahal	0	355	355	13	0	13
Dhenkanal	Balimi	Balimi	0	428	428	13	0	13
Dhenkanal	Parajang	Pangatira	0	1616	1616	13	0	13
Gajapati	Parlakhemundi	Tajangi	2	178	180	13	0	13
Gajapati	R.Udaygiri	Anasahi	10	390	400	13	0	13
Ganjam	Purusottampur	Kolasingi	0	129	129	13	0	13
Ganjam	Kodala	Saurachachina	0	185	185	13	0	13
Ganjam	Asika	Samaiguda	10	238	248	13	1	12
Ganjam	Rambha	Padagadajhatipadar	0	310	310	13	0	13
Ganjam	Tarasingi	Gothalunda	2	349	351	13	0	13
Ganjam	Badagada	Machhakote	11	369	380	13	0	13
Jagatsinghapur	Balikuda	Bairakha	144	159	303	13	6	7
Jagatsinghapur	Ersama	Uchanuagan	0	376	376	13	0	13
Jajapur	Korai	Mulari	0	431	431	13	0	13
Jajapur	Bari - Ramachandrapur	Bainsiria	0	563	563	13	0	13
Jharsuguda	Rengali	Kumar	4	326	330	13	0	13

Kalahandi	Junagarh	Mahibhar	8	178	186	13	1	12
Kalahandi	Kokasara	Moter	42	254	296	13	2	11
Kalahandi	Kokasara	Dahagan	23	720	743	13	0	13
Kandhamal	Baliguda	Gangeri	30	99	129	13	3	10
Kandhamal	Raikia	Mungelibadi	24	125	149	13	2	11
Kandhamal	Phulabani	Ukusganda	20	156	176	13	1	12
Kandhamal	Brahmanigaon	Putudumaha	0	210	210	13	0	13
Kandhamal	Daringbadi	Jidubadi	44	420	464	13	1	12
Kandhamal	Baliguda	Alimaha	61	434	495	13	2	11
Kendrapara	Rajnagar	Kandira	98	228	326	13	4	9
Kendrapara	Kendrapara Sadar	Hatabanapur	0	556	556	13	0	13
Kendujhar	Harichandanpur	Chasatangari	6	362	368	13	0	13
Kendujhar	Sainkul	Raitola	0	488	488	13	0	13
Kendujhar	Pandapara	Balanipasi	52	477	529	13	1	12
Khordha	Bhubaneswar	Bhubaneswar (M Corp.) - Ward No.6	53	188	241	13	3	10
Khordha	Bhubaneswar (M.Corp.)	Kesura (Og)	0	462	462	13	0	13
Koraput	Machh Kund	Tama	18	174	192	13	1	12
Koraput	Padua	Lampi	14	237	251	13	1	12
Koraput	Padua	Kuda	44	332	376	13	2	11
Koraput	Nandapur	Hingeiput	82	450	532	13	2	11
Koraput	Koraput	Koraput (M) - Ward No.16	131	695	826	13	2	11
Malkangiri	Chitrakonda	Badpader	8	331	339	13	0	13
Malkangiri	Kalimela	Mudakhal	0	806	806	13	0	13
Mayurbhanj	Kolian	Badhaladiakanda	0	119	119	13	0	13
Mayurbhanj	Rairangpur	Chhanpal	0	190	190	13	0	13
Mayurbhanj	Baripada Sadar	Nichuapada	20	246	266	13	1	12
Mayurbhanj	Raruan	Ghagi	0	269	269	13	0	13
Mayurbhanj	Raruan	Naupanha	0	407	407	13	0	13
Mayurbhanj	Barsahi	Khanua	4	827	831	13	0	13
Nabarangpur	Raighar	Khadenga	24	567	591	13	1	12
Nabarangpur	Paparahandi	Usigan	131	489	620	13	3	10
Nayagarh	Nuagaon	Chandijhari	8	235	243	13	0	13
Nayagarh	Odagaon	Hanumantia	0	332	332	13	0	13
Nuapada	Nuapada	Khoksa	6	246	252	13	0	13
Nuapada	Komna	Bhuinpani	22	382	404	13	1	12
Puri	Konark	Konark (NAC) - Ward No.10	0	319	319	13	0	13
Puri	Sadar	Gaudiaghai	0	407	407	13	0	13
Rayagada	Tikiri	Gokulamunda	15	126	141	13	1	12
Rayagada	Rayagada	Kuncha	20	155	175	13	1	12
Rayagada	Muniguda	Badabankili	8	228	236	13	0	13
Rayagada	Bishamakatak	Dukum	0	289	289	13	0	13
Rayagada	Kalyanasingpur	Bisipaska	121	367	488	13	3	10
Sambalpur	Kochinda	Laidaguna	1	338	339	13	0	13
Sambalpur	Sambalpur	Sambalpur (M.Corp) - Ward No. 34	90	298	388	13	3	10

Sonepur	Subalaya	Rijumunda	0	225	225	13	0	13
Sonepur	Biramaharajpur	Sagajuri	140	283	423	13	4	9
Sundargarh	Lephripara	Jhariapali	0	324	324	13	0	13
Sundargarh	Rajagangapur	Kesramal	0	698	698	13	0	13
Sundargarh	Brahmani Tarang	Birikera	55	1048	1103	13	1	12
		TOTAL	1671	31997	33668	1066	56	1010

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

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

FMD/SEROMON/NIVEDI/ROUND-IV/Puducherry_26/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 50 + (Cattle + Buffalo) = 164

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.06

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 51

Total No of Animals to be Sampled = 663 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Karaikal	Thirunallar Taluk	Keezhavoor (Part)	4	217	221	13	0	13
Karaikal	Thirunallar Taluk	Kurumbagaram	0	353	353	13	0	13
Karaikal	Karaikal	Oduthurai	0	417	417	13	0	13
Karaikal	Thirunallar Taluk	Sellur	0	417	417	13	0	13
Karaikal	Thirunallar Taluk	Ambagarathur	8	509	517	13	0	13
Karaikal	Thirunallar Taluk	Melakasakudy	61	479	540	13	1	12
Karaikal	Karaikal Taluk	Varichikudy (South)	4	634	638	13	0	13
Karaikal	Karaikal Taluk	Varichikudy (North)	0	648	648	13	0	13
Karaikal	Karaikal Taluk	Neravy	0	699	699	13	0	13
Karaikal	Thirunallar Taluk	Ponbethy	0	930	930	13	0	13
Karaikal	Karaikal	Amman Koil Pathu	0	946	946	13	0	13
Pondicherry	Ozhukarai	Rajaji Nagar	0	100	100	13	0	13
Pondicherry	Puducherry Taluk	Nallavadu	0	111	111	13	0	13
Pondicherry	Bahour Taluk	Panayadikuppam	0	125	125	13	0	13
Pondicherry	Villianur Taluk	Kizhur	0	164	164	13	0	13
Pondicherry	Villianur Taluk	Kuppam	0	235	235	13	0	13
Pondicherry	Bahour Taluk	Manamedu	0	256	256	13	0	13
Pondicherry	Villianur Taluk	Manalipet	0	278	278	13	0	13
Pondicherry	Ozhukarai	Muthirapalayam	0	306	306	13	0	13
Pondicherry *	Villianur Taluk	Suthukeny	0	308	308	13	0	13
Pondicherry	Ozhukarai	Dharmapuri	0	317	317	13	0	13
Pondicherry	Puducherry Taluk	Thimmanaickenpalayam	0	345	345	13	0	13
Pondicherry	Pondicherry	Thengaitthittu	68	279	347	13	3	10
Pondicherry	Villianur Taluk	Thethampakkam	0	348	348	13	0	13
Pondicherry	Villianur Taluk	Kodathur	0	350	350	13	0	13
Pondicherry	Villianur Taluk	Chettipet	0	359	359	13	0	13
Pondicherry	Bahour Taluk	Nettapakkam	0	376	376	13	0	13
Pondicherry	Bahour Taluk	Aranganur	0	520	520	13	0	13
Pondicherry	Pondicherry	Ariankuppam (OG) - Ward No.43	4	555	559	13	0	13
Pondicherry	Ozhukarai	Karuvidikuppam	0	615	615	13	0	13
Pondicherry	Bahour Taluk	Pandasozhanur	0	642	642	13	0	13
Pondicherry	Bahour Taluk	Kuruvinatham	0	643	643	13	0	13
Pondicherry	Villianur Taluk	Vadanur	0	688	688	13	0	13
Pondicherry	Villianur Taluk	Thondamanatham	0	696	696	13	0	13

Pondicherry	Villianur Taluk	Ramanathapuram	0	711	711	13	0	13
Pondicherry	Villianur Taluk	Sannasikuppam	0	745	745	13	0	13
Pondicherry	Bahour Taluk	Kudiyiruppupalayam	0	759	759	13	0	13
Pondicherry	Villianur Taluk	Pillaiyarkuppam	0	774	774	13	0	13
Pondicherry	Puducherry Taluk	Tavalakuppam	0	780	780	13	0	13
Pondicherry	Puducherry Taluk	Abishegapakkam	0	782	782	13	0	13
Pondicherry	Bahour Taluk	Korkadu	0	859	859	13	0	13
Pondicherry	Villianur Taluk	Kunichampet	3	894	897	13	0	13
Pondicherry	Villianur Taluk	Sathamangalam	0	908	908	13	0	13
Pondicherry	Villianur Taluk	Mannadipet	0	1033	1033	13	0	13
Pondicherry	Bahour Taluk	Karikalampakkam	0	1099	1099	13	0	13
Pondicherry	Bahour Taluk	Bahour	3	1196	1199	13	0	13
Pondicherry	Villianur Taluk	Uruvaiyar	0	1231	1231	13	0	13
Pondicherry	Villianur Taluk	Arugur	0	1323	1323	13	0	13
Pondicherry	Villianur Taluk	Villianur (Ct)	51	1466	1517	13	0	13
Yanam	Yanam	Kanakalapet	236	128	364	13	8	5
Yanam	Yanam	Giriumpet	300	104	404	13	10	3
		TOTAL	742	29657	30399	663	22	641

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

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

FMD/SEROMON/NIVEDI/ROUND-IV/Punjab_27/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 11499

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.024

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 138 (+2 Reserved Villages)

Total No of Animals to be Sampled = 1794

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Amritsar	Baba Bakala	Jhamka (204)	263	118	381	13	9	4
Amritsar	Amritsar -I	Kadrabad (211)	315	192	507	13	8	5
Amritsar	Amritsar -I	Rasulpur Kalan (169)	289	243	532	13	7	6
Amritsar	Amritsar- II	Attari (392)	403	252	655	13	8	5
Amritsar	Amritsar- II	Dhanoe Kalan (388)	671	168	839	13	10	3
Amritsar	Ajnala	Mukam (242)	451	453	904	13	6	7
Amritsar	Ajnala	Hetampura (7)	560	497	1057	13	7	6
Amritsar	Ajnala	Dhariwal Kaler (237)	860	750	1610	13	7	6
Barnala	Tapa	Dhilwan (Nabha) (50)	947	300	1247	13	10	3
Barnala	Tapa	Ramgarh (16)	850	2993	3843	13	3	10
Bathinda	Bathinda	Kot Guru (100)	566	510	1076	13	7	6
Bathinda	Rampura Phul	Dhapali (444)	1386	817	2203	13	8	5
Bathinda	Bathinda	KOTHA GURU	1697	1066	2763	13	8	5
Faridkot	Faridkot	Sadhanwala (15)	547	399	946	13	8	5
Faridkot	Jaitu	Madhak (135)	700	482	1182	13	8	5
Fatehgarh Sahib	Fatehgarh Sahib	Dhirpur (121)	195	78	273	13	9	4
Fatehgarh Sahib	Fatehgarh Sahib	Blahri Khurd (168)	216	142	358	13	8	5
Fatehgarh Sahib	Fatehgarh Sahib	Reona Niwan (269)	369	77	446	13	11	2
Fatehgarh Sahib	Fatehgarh Sahib	Ferozepur (78)	254	234	488	13	7	6
Fatehgarh Sahib	Fatehgarh Sahib	Jandali (75)	318	205	523	13	8	5
Fazilka	Jalalabad	Chak Khewa (368)	645	118	763	13	11	2
Fazilka	Abohar	Mehrajpur (42)	853	1362	2215	13	5	8
Fazilka	Fazilka	Jhumianwali (136)	1053	1430	2483	13	6	7
Firozepur	Zira	Nawa Zira (147)	78	49	127	13	8	5
Firozepur	Guruharsahai	Lakho Ke Behram (252)	142	114	256	13	7	6
Firozepur	Firozpur	Jandwala (176)	249	157	406	13	8	5
Firozepur	Firozpur	Firozpur(Rural) (108)	353	63	416	13	11	2
Firozepur	Firozpur	Chander (177)	372	165	537	13	9	4
Firozepur	Zira	Laluwala (221)	602	198	800	13	10	3
Firozepur	Firozpur	Sadhu Shahwala (138)	429	374	803	13	7	6
Gurdaspur	Gurdaspur	Aujla (115)	56	98	154	13	5	8
Gurdaspur	Gurdaspur	Ahamadabad	111	93	204	13	7	6
Gurdaspur	Gurdaspur	Bhola (251)	41	195	236	13	2	11
Gurdaspur	Gurdaspur	Agwan (88)	179	104	283	13	8	5

Gurdaspur	Gurdaspur	Kaira (282)	99	209	308	13	4	9
Gurdaspur	Gurdaspur	Khokhar (197)	147	176	323	13	6	7
Gurdaspur *	Dera Baba Nanak	Jaurian Kalan (466)	231	159	390	13	8	5
Gurdaspur	Dera Baba Nanak	Ratta (465)	199	195	394	13	7	6
Gurdaspur	Batala	Khokhar (331)	288	125	413	13	9	4
Gurdaspur	Batala	Vero Nangal (118)	250	221	471	13	7	6
Gurdaspur	Gurdaspur	Aujla (340)	297	186	483	13	8	5
Gurdaspur	Batala	Nawan Mansandwal	369	219	588	13	8	5
Gurdaspur	Batala	Mari Panwan (13)	454	329	783	13	8	5
Hoshiarpur	Talwara	Talwara (CT) - Ward No.1	71	40	111	13	8	5
Hoshiarpur	Hoshiarpur	Khera Kalan (290)	80	79	159	13	7	6
Hoshiarpur	Garhshankar	Rasoolpur (137)	68	93	161	13	5	8
Hoshiarpur	Hoshiarpur	Nurpur (163)	102	96	198	13	7	6
Hoshiarpur	Garhshankar	Chela (83)	126	96	222	13	7	6
Hoshiarpur	Hoshiarpur	Hoshiarpur (M Cl) - Ward No.45	231	0	231	13	13	0
Hoshiarpur	Hoshiarpur	Tanuli (268)	111	142	253	13	6	7
Hoshiarpur	Dasua	Muradpur Narial (86)	151	133	284	13	7	6
Hoshiarpur	Dasua	Ambala (Jattan) (32)	127	173	300	13	6	7
Hoshiarpur	Garhshankar	Barian Khurd (36)	159	195	354	13	6	7
Hoshiarpur	Dasua	Bahla (47)	146	243	389	13	5	8
Hoshiarpur	Garhshankar	Sakruli (100)	283	167	450	13	8	5
Hoshiarpur	Dasua	Talwandi Jattan (46)	233	233	466	13	6	7
Hoshiarpur	Dasua	Budhi Pind (50)	392	192	584	13	9	4
Hoshiarpur	Garhshankar	Khanpur (358)	383	201	584	13	9	4
Jalandhar	Shahkot	Ghuduwal (101)	114	51	165	13	9	4
Jalandhar	Shahkot	Bajwa Khurd (274)	99	89	188	13	7	6
Jalandhar	Nakodar	Behar (335)	210	72	282	13	10	3
Jalandhar	Jalandhar - li	Shivdaspur (363)	204	96	300	13	9	4
Jalandhar	Jalandhar - I	Kadianwali (292)	133	207	340	13	5	8
Jalandhar	Shahkot	Talwandi Butian (260)	280	125	405	13	9	4
Jalandhar	Phillaur	Masani (190)	231	243	474	13	6	7
Jalandhar	Jalandhar - I	Nizamudinpur (110)	216	311	527	13	5	8
Jalandhar	Phillaur	Chhokran (180)	320	212	532	13	8	5
Jalandhar	Jalandhar - II	Bullowal (354)	478	545	1023	13	6	7
Kapurthala *	Kapurthala	Banwalipur (220)	91	24	115	13	10	3
Kapurthala	Sultanpur Lodhi	Suchetgarh (150)	140	83	223	13	8	5
Kapurthala	Kapurthala	Mudowal (110)	187	57	244	13	10	3
Kapurthala	Sultanpur Lodhi	Depewal (24)	145	118	263	13	7	6
Kapurthala	Sultanpur Lodhi	Mahablipur (7)	118	192	310	13	5	8
Kapurthala	Kapurthala	Bhandal Bet (37)	225	180	405	13	7	6
Kapurthala	Kapurthala	Majahadpur (92)	317	104	421	13	10	3
Kapurthala	Phagwara	Lakhpur (42)	290	270	560	13	7	6
Ludhiana	Ludhiana (East)	Kalis Kalan (8)	138	46	184	13	10	3
Ludhiana	Samrala	Rahimabad Khurd (51)	278	77	355	13	10	3
Ludhiana	Raikot	Bhaini Rora (349)	312	119	431	13	9	4

Ludhiana	Khanna	Alaur (221)	320	130	450	13	9	4
Ludhiana	Ludhiana (East)	Kohara (224)	300	180	480	13	8	5
Ludhiana	Payal	Barmalipur (237)	425	297	722	13	8	5
Ludhiana	Ludhiana (West)	Jhameri (286)	505	257	762	13	9	4
Ludhiana	Raikot	Nurpur (192)	506	294	800	13	8	5
Ludhiana	Samrala	Boundli (107)	663	450	1113	13	8	5
Ludhiana	Payal	Jargari (188)	1143	646	1789	13	8	5
Mansa	Mansa	Gurthari (22)	708	151	859	13	11	2
Mansa	Mansa	Barnala (116)	1381	366	1747	13	10	3
Moga	Dharamkot	Kokri Buttran (282)	429	191	620	13	9	4
Moga	Dharamkot	Indergarh (287/288)	837	559	1396	13	8	5
Moga	Nihal Singhwala	Takhtupura (162)	1056	740	1796	13	8	5
Muktsar	Muktsar	Lakhewali (49)	357	406	763	13	6	7
Muktsar	Gidderbaha	Mallan (81)	1566	1105	2671	13	8	5
Nawanshahr (Sbs Nagar)	Balachaur	Jitpur (381)	144	139	283	13	7	6
Nawanshahr (Sbs Nagar)	Banga	Mahal Khurd (212)	174	165	339	13	7	6
Nawanshahr (Sbs Nagar)	Balachaur	Manewal (444)	204	142	346	13	8	5
Nawanshahr (Sbs Nagar)	Nawanshahr	Mahrampur (171)	303	177	480	13	8	5
Nawanshahr (Sbs Nagar)	Nawanshahr	Hussainpur (274)	277	236	513	13	7	6
Pathankot	Pathankot	Panjupur (323)	15	116	131	13	1	12
Pathankot	Pathankot	Naurangpur (282)	23	160	183	13	2	11
Pathankot	Pathankot	Udipur Aima (71)	82	116	198	13	5	8
Pathankot	Pathankot	Darsopur (107)	74	184	258	13	4	9
Pathankot	Pathankot	Mamun (Ct)	35	411	446	13	1	12
Pathankot	Dhar Kalan	Ghar (408)	26	424	450	13	1	12
Patiala	Samana	Kotla Nasru (85)	80	69	149	13	7	6
Patiala	Patiala	Taraarakalan (55)	166	119	285	13	8	5
Patiala	Patiala	Pur (325)	229	85	314	13	9	4
Patiala	Rajpura	Ghagar Sarai (82)	296	61	357	13	11	2
Patiala	Rajpura	Dhuman (5)	305	65	370	13	11	2
Patiala	Patiala	Alipur Jattan (193)	349	68	417	13	11	2
Patiala	Nabha	Pahlia Khurd (97)	237	397	634	13	5	8
Patiala	Patiala	Hassanpur Kamboan (276)	361	297	658	13	7	6
Patiala	Rajpura	Gurditpura (268)	454	204	658	13	9	4
Patiala	Samana	Talwandi Malik (94)	797	406	1203	13	9	4
Rupnagar	Rup Nagar	Ramgarh Alias Dekwala (203)	99	23	122	13	11	2
Rupnagar	Anandpur Sahib	Basowal (302)	175	85	260	13	9	4
Rupnagar	Rup Nagar	Chhoti Jhakhian (5)	196	110	306	13	8	5
Rupnagar	Rup Nagar	Malikpur (35)	239	117	356	13	9	4
Rupnagar	Chamkaur Sahib	Chintgarh (130)	295	124	419	13	9	4
Rupnagar	Nangal	Bela Dhiani (261)	334	185	519	13	8	5
Rupnagar	Chamkaur Sahib	Rurkee (301)	483	285	768	13	8	5
S.A.S Nagar	Nayagaon	Nayagaon NP - Ward No.9	149	110	259	13	7	6
S.A.S Nagar	Kharar	Pannuan (386)	265	55	320	13	11	2
S.A.S Nagar	Kharar	Basian (53)	300	56	356	13	11	2

S.A.S Nagar	Dera Bassi	Tiwana (226)	324	218	542	13	8	5
S.A.S Nagar	S.A.S.Nagar - Mohali	Ward No. 42	100	510	610	13	2	11
Sangrur	Dhuri	Cheema (84)	172	75	247	13	9	4
Sangrur	Malerkotla	Ladewal (133)	322	181	503	13	8	5
Sangrur	Sunam	Khanpur Faqiran (102)	604	165	769	13	10	3
Sangrur	Lehra	Alampur (69)	695	142	837	13	11	2
Sangrur	Dhuri	Ramnagar Chhanna (28)	552	319	871	13	8	5
Sangrur	Lehra	Daska (48)	1084	180	1264	13	11	2
Sangrur	Malerkotla	Ferozepur (103)	1832	724	2556	13	9	4
Sangrur	Sangrur	Ubhawal (6)	2371	753	3124	13	10	3
Tarn Taran	Patti	Wara Sher Singh	112	85	197	13	7	6
Tarn Taran	Tarn Taran	Rakh Sheikh Fatta (85)	187	87	274	13	9	4
Tarn Taran	Patti	Patti (M CI) - Ward No.4	597	15	612	13	13	0
Tarn Taran	Tarn Taran	Lalu Ghuman (45)	505	264	769	13	9	4
Tarn Taran	Tarn Taran	Gehri (175)	544	280	824	13	9	4
Tarn Taran	Patti	Bhaini Massa Singh (98)	607	276	883	13	9	4
		TOTAL	54513	36856	91369	1820	1091	729

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

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

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

Unreserved Villages 138	1794
Reserved Villages 2	26
Total Samples	1820

FMD/SEROMON/NIVEDI/ROUND-IV/Rajasthan_28/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 22651

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.016

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 207 (+2 villages Reserved)

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)
Ajmer	ARAIN	Bharla	275	107	382	13	9	4
Ajmer	Kishangarh	Rari	433	207	640	13	9	4
Ajmer	ARAIN	Gahalpur	530	114	644	13	11	2
Ajmer	Bhinay	Boobkiya	668	443	1111	13	8	5
Ajmer	Ajmer	Ramner Dhani	1136	671	1807	13	8	5
Alwar	Kotkasim	Jahanpuri	244	66	310	13	10	3
Alwar	Thanagazi	Guwara Radi	334	39	373	13	12	1
Alwar	RENI	Patanbas	428	47	475	13	12	1
Alwar	Alwar	Sahori	520	19	539	13	13	0
Alwar	Tijara	Majri Goojar	435	113	548	13	10	3
Alwar	Mandawar	Kalooka	524	76	600	13	11	2
Alwar	Kotkasim	Bagheri Khurd	818	125	943	13	11	2
Alwar	Tijara	Chawandi Khurd	908	117	1025	13	12	1
Alwar	Lachhmangarh	Kherli Chandrawat	1129	116	1245	13	12	1
Alwar	Ramgarh	Nangla Banjeerka	1760	49	1809	13	13	0
Banswara	Abapura	BADA DUNGRA	118	186	304	13	5	8
Banswara	ANANDPURI	Peoplai Dooda	190	391	581	13	4	9
Banswara	Sajjangarh	Maska bada	95	673	768	13	2	11
Banswara	Garhi	Kuwariya	453	403	856	13	7	6
Banswara	Garhi	Khantwara	608	494	1102	13	7	6
Banswara	Ganoda	Sonamagri	383	921	1304	13	4	9
Banswara	Ghatol	Karangcheeya	796	683	1479	13	7	6
Baran	Chhipabardon	Nalkheri	294	107	401	13	10	3
Baran	Atru	Kherli Bansla	257	284	541	13	6	7
Baran	Atru	Amapura	378	252	630	13	8	5
Baran	Chhabra	Godiya Charan	612	180	792	13	10	3
Baran	Atru	Badora	413	537	950	13	6	7
Barmer	Chohtan	Lidiyala	8	250	258	13	0	13
Barmer	Gudha Malani	Magha Ki Dhani	161	132	293	13	7	6
Barmer	Sheo	Bhanwarisar	49	253	302	13	2	11
Barmer	Sheo	Rawat Ka Gaon	0	403	403	13	0	13
Barmer	Barmer	Dewaniyon Ki Dhani	23	389	412	13	1	12
Barmer	Sindhari	Dholra Der	80	445	525	13	2	11
Barmer	Chohtan	Pananiyo Ki Dhani	57	502	559	13	1	12
Barmer	Pachpadra	Bankiyawas Kalan	67	548	615	13	1	12
Barmer	Pachpadra	Moongra	29	614	643	13	1	12
Barmer	Chohtan	Sukaliya	52	603	655	13	1	12
Barmer	Gadra Road	Dedariyar	0	699	699	13	0	13
Barmer	Gira	Pareu	23	923	946	13	0	13
Bharatpur	Bharatpur	Nagla Kesariya	177	76	253	13	9	4
Bharatpur	Rupbas	Kheriya Jat	411	30	441	13	12	1
Bharatpur	Kaman	Birar	406	122	528	13	10	3
Bharatpur	Bharatpur	Mahanganya	431	231	662	13	8	5
Bharatpur	Kumher	Paprera	565	108	673	13	11	2
Bharatpur	Bayana	Jaspura Moroli	1058	202	1260	13	11	2
Bharatpur	Kumher	Talphara	1416	643	2059	13	9	4
Bharatpur	Nagar	Rasiya	1396	992	2388	13	8	5
Bhilwara	Mandalgarh	Damti	91	228	319	13	4	9

Bhilwara	Phooliya Kalan	Khera Palola	120	316	436	13	4	9
Bhilwara	Banera	Beskalai	179	405	584	13	4	9
Bhilwara	Jahazpur	Kuchhalwara Kalan	343	493	836	13	5	8
Bhilwara	Beejoliya	Tilaswan	505	861	1366	13	5	8
Bhilwara	Kareda	Gyangarh	706	745	1451	13	6	7
Bhilwara	Jahazpur	Shakkar Garh	543	1037	1580	13	4	9
Bikaner	Bikaner	Bikaner (M CI) - Ward No.55	0	452	452	13	0	13
Bikaner	Kolayat	Ladkhan @ Navagaon	5	660	665	13	0	13
Bikaner	Dungargarh	Dungargarh (M) - Ward No.1	279	830	1109	13	3	10
Bikaner	Lunkaransar	11 Mkd	303	1313	1616	13	2	11
Bikaner	Sridungargarh	Seruna	1082	2616	3698	13	4	9
Bikaner	Bikaner	Katriasar	210	4793	5003	13	1	12
Bundi	Hindoli	Samarwadi	403	175	578	13	9	4
Bundi	Bundi	Kotkhera	780	360	1140	13	9	4
Bundi	Bundi	Kalpuriya	1038	236	1274	13	11	2
Chittorgarh	Gangrar	Gejra	73	212	285	13	3	10
Chittorgarh	Begun	Gunta	170	245	415	13	5	8
Chittorgarh	Kapasan	Chakuri	387	233	620	13	8	5
Chittorgarh	Begun	Marawada	435	343	778	13	7	6
Chittorgarh	Chittaurgarh	Dhanet Kalan	811	872	1683	13	6	7
Chittorgarh	Dungla	Mangalwar	1259	641	1900	13	9	4
Churu	Rajgarh	Hameerwas Chhota	212	142	354	13	8	5
Churu	Sardarshahar	Aspalsar Bhainsera	169	330	499	13	4	9
Churu	Taranagar	Taranagar (M) - Ward No.2	244	479	723	13	4	9
Churu	Bidasar	Katar Bari	406	405	811	13	7	6
Churu	Sardarshahar	Phogabas Bharthari	182	1623	1805	13	1	12
Churu	Sujangarh	Jogliya	1345	1594	2939	13	6	7
Dausa	Dausa	Kheenchawas	406	42	448	13	12	1
Dausa	Mahwa	Seet	566	38	604	13	12	1
Dausa	Dausa	Atta Bilori	691	65	756	13	12	1
Dausa	Baswa	Gurhaliya	716	130	846	13	11	2
Dausa	Dausa	Mahansara Khurd (Rural)	1269	467	1736	13	10	3
Dholpur	Bari	Bateshwar Khurd	351	48	399	13	11	2
Dholpur	Bari	Marholi	420	143	563	13	10	3
Dholpur	Bari	Rudhera	308	297	605	13	7	6
Dholpur	Rajakhera	Ganhaidi	582	131	713	13	11	2
Dholpur	Dhaulpur	Dhaulpur (M) - Ward No.13	869	155	1024	13	11	2
Dungarpur	Dungarpur	Dakanmariya	118	329	447	13	3	10
Dungarpur	Galiyakot	Khuntwara	489	283	772	13	8	5
Dungarpur	BICHIWARA	Bhehana	541	421	962	13	7	6
Dungarpur	Dungarpur	Andar Khet	443	735	1178	13	5	8
Dungarpur	Dungarpur	Bhujaton Ka Ora	670	663	1333	13	7	6
Ganganagar	Ganganagar	20 Gg	62	147	209	13	4	9
Ganganagar	Karanpur	5 M	38	182	220	13	2	11
Ganganagar	RAWLA	4 Psd-A	43	232	275	13	2	11
Ganganagar	Ganganagar	8 Lnp	74	281	355	13	3	10
Ganganagar	Vijainagar	38 Gb	49	310	359	13	2	11
Ganganagar	Karanpur	40 F	81	300	381	13	3	10
Ganganagar	Anupgarh	6 Apn	70	318	388	13	2	11
Ganganagar	Raisingshnagar	66 Np	177	239	416	13	6	7
Ganganagar	Raisingshnagar	24 Np	93	337	430	13	3	10
Ganganagar	Vijainagar	12 Blm-A	65	404	469	13	2	11
Ganganagar	Ganganagar	1A	416	186	602	13	9	4
Ganganagar	Raisingshnagar	6 Lpm	113	489	602	13	2	11
Ganganagar	Raisingshnagar	37 Np	149	487	636	13	3	10
Ganganagar	Suratgarh	4 Rm	83	555	638	13	2	11
Ganganagar	Anupgarh	Anupgarh (M) - Ward No.17	52	658	710	13	1	12
Ganganagar	Anupgarh	11 Sjm-B	121	598	719	13	2	11
Ganganagar	Padampur	83 Lnp	270	565	835	13	4	9
Hanumangarh	Tibi	2 Dpm	78	149	227	13	4	9
Hanumangarh	Bhadra	Mojana	265	83	348	13	10	3

Hanumangarh	Pilibanga	11 Mwm	179	319	498	13	5	8
Hanumangarh	Pilibanga	24 Pbn	244	528	772	13	4	9
Hanumangarh	Tibi	3 Dpm	367	526	893	13	5	8
Hanumangarh	Rawatsar	Kulchasar	104	885	989	13	1	12
Hanumangarh	Sangaria	16 Amp(Amar Purajahu)	334	1116	1450	13	3	10
Hanumangarh	Bhadra	5 Ams	913	768	1681	13	7	6
Hanumangarh	Bhadra	Gheu	992	1064	2056	13	6	7
Hanumangarh	Bhadra	3 Krp	1181	903	2084	13	7	6
Jaipur *	Amber	Rampura @ Banaywala	283	56	339	13	11	2
Jaipur	KOTKAWDA	Balmukundpura @ Basra	325	186	511	13	8	5
Jaipur	Bagru	Bagru (M) - Ward No.13	320	268	588	13	7	6
Jaipur	Phagi	Dalniya	474	146	620	13	10	3
Jaipur	Bassi	Gudha Meena	437	303	740	13	8	5
Jaipur	Phuleria (Hq.Sambhar)	Tejya Ka Bas	497	344	841	13	8	5
Jaipur	Amber	Jaisinghpura Shekhawatan	688	894	1582	13	6	7
Jaipur	Kotputli	Rajnauta	1239	352	1591	13	10	3
Jaipur	Rajpur	Pindolai	1399	629	2028	13	9	4
Jaipur	Viratnagar	Beelwari	1888	222	2110	13	12	1
Jaisalmer	Bhaniyan	Netasar	2	600	602	13	0	13
Jaisalmer	Jaisalmer	Chandhan	7	983	990	13	0	13
Jaisalmer	Jaisalmer	Dedha	32	2616	2648	13	0	13
Jalore	Sayla	Mokni Khera	1053	278	1331	13	10	3
Jalore	Chitalwana	Varanwa	1009	413	1422	13	9	4
Jalore	Bagora	Rangala	2491	613	3104	13	10	3
Jhalawar	Aklera	Patanuda	168	96	264	13	8	5
Jhalawar	Sunel	Rawal	274	34	308	13	12	1
Jhalawar	Manohar Thana	Ladpura Balram	277	222	499	13	7	6
Jhalawar	Aklera	Dateela	318	188	506	13	8	5
Jhalawar	Sunel	Soyli	544	56	600	13	12	1
Jhalawar	Pachpahar	Chhan Ka Khera	390	353	743	13	7	6
Jhunjhunu	Buhana	Puthaniya	144	158	302	13	6	7
Jhunjhunu	SURAJGARH	Udhampura	223	186	409	13	7	6
Jhunjhunu	Buhana	Muradpur	491	75	566	13	11	2
Jhunjhunu	SURAJGARH	Tokha ka Bas	341	308	649	13	7	6
Jhunjhunu	Khetri	Loyal	724	286	1010	13	9	4
Jhunjhunu	Chirawa	Budaniya	893	571	1464	13	8	5
Jodhpur	Dechu	Morya Nagar	15	253	268	13	1	12
Jodhpur	Bapini	Tenna Nadi	45	452	497	13	1	12
Jodhpur	Shergarh	Padamgarh	42	762	804	13	1	12
Jodhpur	Balesar	Lunaopura	441	529	970	13	6	7
Jodhpur	LOHAWAT	Kandawasra Nagar	327	693	1020	13	4	9
Jodhpur	Biilara	Binawas	477	698	1175	13	5	8
Jodhpur	Bapini	Jaton Ki Dhani (Hadman Sagar)	165	1188	1353	13	2	11
Jodhpur	TINWARI	Daukiyon Ka Bas	433	1042	1475	13	4	9
Jodhpur	Phalodi	Lordiyani	37	1631	1668	13	0	13
Karauli	Hindaun	Jhirna	516	34	550	13	12	1
Karauli	Mandrail	Rodhai	1003	125	1128	13	12	1
Karauli	Sapotra	Chacheri	1172	403	1575	13	10	3
Kota	Ramganj Mandi	Gudala	199	282	481	13	5	8
Kota	Pipalda	Rajopra	383	305	688	13	7	6
Kota	Ladpura	Arand Khera	579	581	1160	13	6	7
Nagaur	Nagaur	Bapor	51	256	307	13	2	11
Nagaur	Nagaur	Nagaur (M) - Ward No.44	74	389	463	13	2	11
Nagaur	Merta	Tukdiya	232	350	582	13	5	8
Nagaur	Didwana	Loroli Kalan	507	318	825	13	8	5
Nagaur	RIYAN BADI	Sathana Khurd	345	601	946	13	5	8
Nagaur	Degana	Jalsoo Nanak	467	749	1216	13	5	8
Nagaur	Kheenvsar	Dheengsara	715	537	1252	13	7	6
Nagaur	Nagaur	Gogelao	1119	1637	2756	13	5	8
Nagaur	Makrana	Budsoo	1760	1006	2766	13	8	5
Pali	Rajpur	Malni	161	76	237	13	9	4

Pali	Raipur	Dujodiya	298	57	355	13	11	2
Pali	Pali	Deeri	256	432	688	13	5	8
Pali	Marwar Junction	Gura Mokam Singh	124	637	761	13	2	11
Pali	Raipur	Banseeya	880	725	1605	13	7	6
Pali *	Jaitaran	Falka	921	1580	2501	13	5	8
Pratapgarh	Dhariawad	Sewanagar	173	425	598	13	4	9
Pratapgarh	Chhoti Sadri	Nanama Ki Bhagal	385	590	975	13	5	8
Pratapgarh	Chhoti Sadri	Kesunda	337	721	1058	13	4	9
Rajsamand	KHAMNOR	Usarwas	182	183	365	13	6	7
Rajsamand	GARHBOR	Manawation Ka Gurha	398	3	401	13	13	0
Rajsamand	KHAMNOR	Dabun	164	374	538	13	4	9
Rajsamand	Amet	Ghosundi	438	317	755	13	8	5
Rajsamand	Rajsamand	Boraj Ka Khera	400	388	788	13	7	6
Sawai Madhopur	Sawai Madhopur	Koshali	467	125	592	13	10	3
Sawai Madhopur	Sawai Madhopur	Juwar	483	268	751	13	8	5
Sawai Madhopur	Sawai Madhopur	Dubbi Bidarkha	684	213	897	13	10	3
Sikar	Danta Ramgarh	Neemawas	195	70	265	13	10	3
Sikar	DHOD	Deepura Charnan	234	165	399	13	8	5
Sikar	Sri Madhopur	Geedawala	517	29	546	13	12	1
Sikar	Neem-Ka-Thana	Dayal Ki Nangal	721	70	791	13	12	1
Sikar	DHOD	Bhairoopura Jagir	505	752	1257	13	5	8
Sikar	DHOD	Nagwa	732	832	1564	13	6	7
Sirohi	Reodar	Dhan	623	243	866	13	9	4
Sirohi	Reodar	Nagani	758	513	1271	13	8	5
Tonk	Todaraisingh	Gediya	290	126	416	13	9	4
Tonk	Todaraisingh	Sandla	405	86	491	13	11	2
Tonk	Dooni	Muglana	599	89	688	13	11	2
Tonk	Unjara	Ukhlania	1156	331	1487	13	10	3
Tonk	Malpura	Brijjal Nagar (OG) - Ward No.21	533	1059	1592	13	4	9
Udaipur	Vallabhnagar	Beejana	168	137	305	13	7	6
Udaipur	Bhinder	Bhinder (M) - Ward No.6	170	160	330	13	7	6
Udaipur	Gogunda	Phutiya	190	184	374	13	7	6
Udaipur	Vallabhnagar	Batharda Kalan	151	445	596	13	3	10
Udaipur	Mavli	Palwas Kalan	354	261	615	13	7	6
Udaipur	Vallabhnagar	Mavli Dangiyan	503	144	647	13	10	3
Udaipur	Jhadol	Damana Talab	181	702	883	13	3	10
Udaipur	Lasadiya	Bharev	376	720	1096	13	4	9
Udaipur	Semari	Soorkhand Khera	696	436	1132	13	8	5
Udaipur	Vallabhnagar	Rundera	1797	811	2608	13	9	4
		TOTAL	95120	96536	191656	2717	1352	1365

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 sample
h: Buffalo Proportion
i: Cattle Proportion

Unreserved Villages 207
Reserved Villages 2
Total Samples 2717

FMD/SEROMON/NIVEDI/ROUND-IV/Sikkim_29/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 50 + (Cattle + Buffalo) = 160

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.06

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 54

Total No of Animals to be Sampled = 701

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
East District	Gangtok	Tumlabung	0	99	99	13	0	13
East District	Gangtok	Chadey	1	157	158	13	0	13
East District	Rongli	Phadamchen	0	183	183	13	0	13
East District	Gangtok	Sangtong	0	184	184	13	0	13
East District	Pakyong	Dikling Pacheykhani	0	207	207	13	0	13
East District	Gangtok	Simik	0	208	208	13	0	13
East District	Gangtok	Namli	3	219	222	13	0	13
East District	Pakyong	Pakyong	0	227	227	13	0	13
East District	Gangtok	Barbing	0	247	247	13	0	13
East District	Gangtok	Beng	0	260	260	13	0	13
East District	Gangtok	Upper Burtuk	2	263	265	13	0	13
East District	Rongli	South Regoh	0	294	294	13	0	13
East District	Rangpo	Mangthang	1	315	316	13	0	13
East District	Gangtok	Nazitam	0	320	320	13	0	13
East District	Gangtok	Tintek	4	323	327	13	0	13
East District	Pakyong	Changey Senti (Tsaney)	0	468	468	13	0	13
East District	Gangtok	Lingdum	1	528	529	13	0	13
North District	Mangan	Pakshep	1	73	74	12	0	12
North District	Kabi	Phodong	0	128	128	13	0	13
North District	Mangan	Nampatam	0	137	137	13	0	13
North District	Mangan	Sentam	0	149	149	13	0	13
North District	Kabi	Paney Phensang	0	225	225	13	0	13
North District	Chunghthang	Shipgyer	0	244	244	13	0	13

South District	Namchi	Nagi	0	90	90	13	0	13
South District	Jorethang	Melli	0	120	120	13	0	13
South District	Namchi Municipal Council	UPPER GHURPISEY	0	140	140	13	0	13
South District	Namchi	Maneydara	0	140	140	13	0	13
South District	Namchi	Sorok	0	152	152	13	0	13
South District	Namchi	Salleybong	63	130	193	13	4	9
South District	Jorethang	Salghari	0	194	194	13	0	13
South District	Ravong	Dalep	0	202	202	13	0	13
South District	Namchi	Phalidara	2	218	220	13	0	13
South District	Ravong	Lingzo	1	229	230	13	0	13
South District	Namchi	Turung	0	251	251	13	0	13
South District	Jorethang	Dorop	0	254	254	13	0	13
South District	Namchi	Chumlok	0	256	256	13	0	13
South District	Namchi	Pabong (Gangchung)	0	265	265	13	0	13
South District	Namchi	Pabong(Mamley)	0	268	268	13	0	13
South District	Namchi	Mikkhola	0	314	314	13	0	13
South District	Namchi	Rateypani	0	377	377	13	0	13
South District	Yangang	Tokday (Lingmo)	0	571	571	13	0	13
West District	Yuksom	Singlitam	0	134	134	13	0	13
West District	Gyalshing	Kyongsa	0	196	196	13	0	13
West District	Soreng	Dhalla	2	201	203	13	0	13
West District	Yuksom	Thingling li	0	204	204	13	0	13
West District	Gyalshing	Dubdi	1	211	212	13	0	13
West District	Gyalshing	Sardong	36	247	283	13	2	11
West District	Soreng	Tharpu	19	283	302	13	1	12
West District	Dentam	Sapong	21	288	309	13	1	12
West District	Soreng	Arubotey	6	308	314	13	0	13
West District	Yuksom	Labing	0	350	350	13	0	13
West District	Soreng	Dodak	29	498	527	13	1	12
West District	Gyalshing	Lingchom	18	604	622	13	0	13
West District	Soreng	Parengaon	0	842	842	13	0	13

		TOTAL	211	13995	14206	701	9	692
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a: District Name
 b: Block Name
 c: Village Name
 d: Buffalo
 e: Cattle

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

FMD/SEROMON/NIVEDI/ROUND-IV/Tamil Nadu_30/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 13404

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.022

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 150 (+5 Reserved Villages)

Total No of Animals to be Sampled = 1950

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Ariyalur	Ariyalur	Karuppur (Senapathy)	0	1239	1239	13	0	13
Chennai	Chennai	Chennai (M Corp.) - Ward No.15	85	167	252	13	4	9
Chennai	Chennai	Chennai (M Corp.) - Ward No.185	0	618	618	13	0	13
Coimbatore	Alanthurai	Alanthurai (TP) - Ward No.11	0	125	125	13	0	13
Coimbatore	Coimbatore	Coimbatore (M.Corp.) - Ward No.27	110	151	261	13	5	8
Coimbatore	Karumathampatti	Karumathampatti (TP) - Ward No.12	0	643	643	13	0	13
Coimbatore	Madukkari	Mavuthampathi	0	644	644	13	0	13
Coimbatore	Coimbatore South	Theethipalayam	0	802	802	13	0	13
Coimbatore	Madukkari	Valukkupparai	0	2141	2141	13	0	13
Cuddalore	Chidambaram	Vandarayampattu	0	151	151	13	0	13
Cuddalore *	Tittakudi	Avatti	0	284	284	13	0	13
Cuddalore	Kurinjipadi	Kothavacheri	55	277	332	13	2	11
Cuddalore	Chidambaram	Thirukazhipalai (Kezh)	0	354	354	13	0	13
Cuddalore	Cuddalore	Tirumanikkuli	0	588	588	13	0	13
Cuddalore	Cuddalore	Gunduappalavadi (Ct)	0	909	909	13	0	13
Cuddalore	Tittakudi	Nandhimangalam	0	918	918	13	0	13
Dharmapuri	Dharmapuri	Pangunatham	148	930	1078	13	2	11
Dharmapuri	Harur	Ittaiampatty	20	1240	1260	13	0	13
Dharmapuri	Harur	Thedampatti	74	1480	1554	13	1	12
Dindigul	Palayam	Palayam (TP) - Ward No.8	134	222	356	13	5	8
Dindigul	Vedasandur	Malvarpatti	35	580	615	13	1	12
Dindigul	Palayam	Palayam (TP) - Ward No.4	130	501	631	13	3	10
Dindigul	Athoor	Kothapulli	10	1001	1011	13	0	13
Dindigul	Kodaikanal	Mannavanur	84	1527	1611	13	1	12
Erode	Pethampalayam	Pethampalayam (TP) - Ward No.9	60	86	146	13	5	8
Erode *	Erode	Erode (M) - Ward No.3	64	167	231	13	4	9
Erode	Erode	Erode (M) - Ward No.37	279	133	412	13	9	4
Erode	Sathyamangalam	Indiampalayam	152	339	491	13	4	9
Erode	Erode	Nanjaiuthukuli	305	1884	2189	13	2	11
Erode	Bhavani	Periyapuliyur	1567	2427	3994	13	5	8
Kanchipuram	Maduranthakam	Sendivakkam	0	143	143	13	0	13
Kanchipuram	Kancheepuram	Suramenikuppam	36	154	190	13	2	11

Kanchipuram	Maraimalainagar	Maraimalainagar (TP) - Ward No.15	9	338	347	13	0	13
Kanchipuram	Maduranthakam	Padalam	0	360	360	13	0	13
Kanchipuram	Sriperumbudur	Sirumangadu	0	481	481	13	0	13
Kanchipuram	Tirupurur	Thazhambur	46	534	580	13	1	12
Kanchipuram	Tirukkalukundram	Nallathur - A	12	802	814	13	0	13
Kanchipuram	Tirupurur	Kayar	146	1310	1456	13	1	12
Kanniyakumari	Boothapandi	Boothapandi (TP) - Ward No.7	0	117	117	13	0	13
Kanniyakumari	Mulagumudu	Mulagumudu (TP) - Ward No.12	0	145	145	13	0	13
Kanniyakumari	Karungal	Karungal (TP) - Ward No.7	0	194	194	13	0	13
Kanniyakumari	Ganapathipuram	Ganapathipuram (TP) - Ward No.6	0	194	194	13	0	13
Kanniyakumari	Agastheeswaram	Neendakara-A (Part)	0	486	486	13	0	13
Kanniyakumari	Agastheeswaram	Neendakara-B	2	564	566	13	0	13
Karur	Aravakurichi	Thennilai(South)	64	424	488	13	2	11
Karur	Krishnarayapuram	Manavasi	98	941	1039	13	1	12
Krishnagiri	Hosur	Mallanakothur	0	268	268	13	0	13
Krishnagiri *	Denkanikottai	Nellamaru Agraharam	0	419	419	13	0	13
Krishnagiri	Krishnagiri	Pasinayanapalli	0	508	508	13	0	13
Krishnagiri	Krishnagiri	Gooliam	10	945	955	13	0	13
Krishnagiri	Krishnagiri	Varatanapalli	33	1414	1447	13	0	13
Madurai *	Vadipatti	Katchirairuppu	0	207	207	13	0	13
Madurai	Madurai	Madurai (M Corp.) - Ward No.27	189	115	304	13	8	5
Madurai	Peraiyur	Kuppalnatham	0	468	468	13	0	13
Madurai	Peraiyur	Tadayampatti	0	734	734	13	0	13
Madurai	Madurai	Madurai (M Corp.) - Ward No.28	12	1218	1230	13	0	13
Nagapattinam	Nagapattinam	Orauthur	63	329	392	13	2	11
Nagapattinam	Mayiladuthurai	Kadambakkam	0	627	627	13	0	13
Nagapattinam	Tharangambadi	Kattucheri	386	934	1320	13	4	9
Namakkal	Erumaipatti	Erumaipatti (TP) - Ward No.11	51	253	304	13	2	11
Namakkal	Pattinam	Pattinam (TP) - Ward No.1	65	527	592	13	1	12
Namakkal	Namakkal	Pudukkotti	158	708	866	13	2	11
Namakkal	Rasipuram	Minnakkal Agraharam	241	1064	1305	13	2	11
Namakkal	Rasipuram	Thimmaicaikenpatti	49	1595	1644	13	0	13
Perambalur	Kunnam	Elumur (West)	0	581	581	13	0	13
Perambalur	Kunnam	Vadakalur	5	1586	1591	13	0	13
Pudukkottai	Iluppur	Perungudipatti	0	238	238	13	0	13
Pudukkottai	Karambakudi	Elaikadividuthy	0	465	465	13	0	13
Pudukkottai *	Iluppur	Pulvayal	0	515	515	13	0	13
Pudukkottai	Iluppur	Nambanpatti	20	738	758	13	0	13
Pudukkottai	Gandarvakkottai	Sengamviduthy	25	943	968	13	0	13
Ramanathapuram	Thondi	Thondi (TP) - Ward No.15	0	265	265	13	0	13
Ramanathapuram	Mudukulathur	Pulvoikulam	0	379	379	13	0	13
Ramanathapuram	Tiruvadanai	Vattanam	0	606	606	13	0	13
Salem	Thammappatti	Thammappatti (TP) - Ward No.4	0	171	171	13	0	13
Salem	Edaganasalai	Edaganasalai (TP) - Ward No.1	41	219	260	13	2	11
Salem	Sankari	Kanagagiri	144	691	835	13	2	11

Salem	Salem	Salem (M Corp.) - Ward No.60	240	651	891	13	4	9
Salem	The davur	The davur (TP) - Ward No.5	18	1443	1461	13	0	13
Salem	Omalur	Vepplai	127	1345	1472	13	1	12
Salem	Omalur	Chellapillaikuttai	7	2252	2259	13	0	13
Sivaganga	Manamadurai	Semboor	0	262	262	13	0	13
Sivaganga	Nerkuppai	Nerkuppai (TP) - Ward No.10	0	380	380	13	0	13
Sivaganga	Kalaiyarkoil	Kathappattu	0	473	473	13	0	13
Sivaganga	Karaikkudi	Ariyakkudi	0	936	936	13	0	13
Sivaganga	Sivaganga	Vanniankudi	4	1048	1052	13	0	13
Thanjavur	Papanasam	Bhavaniyambalpuram	0	116	116	13	0	13
Thanjavur	Orthanadu	Panayakottai	0	297	297	13	0	13
Thanjavur	Pattukkottai	Punavasal East	10	340	350	13	0	13
Thanjavur	Thanjavur	Neelagiri (Ct)	0	427	427	13	0	13
Thanjavur	Thanjavur	Palaiyappatti Vadakkusethi	0	637	637	13	0	13
Thanjavur	Papanasam	Agaramangudi	18	695	713	13	0	13
Thanjavur	Budalur	Pudukudi North	0	1440	1440	13	0	13
The Nilgiris	Devarshola	Devarshola (TP) - Ward No.2	32	206	238	13	2	11
The Nilgiris	Gudalur	Srimadurai	1	424	425	13	0	13
Theni	B. Meenakshipuram	B. Meenakshipuram (TP) - Ward No.7	2	309	311	13	0	13
Theni	Veerapandi	Veerapandi (TP) - Ward No.6	0	741	741	13	0	13
Thiruvallur	Tiruttani	T.C.Kandigai	0	306	306	13	0	13
Thiruvallur	Pallipattu	Gowri Puram Chinnasubbaraju Kandigai	0	483	483	13	0	13
Thiruvallur	Thiruvallur	Vathattur	85	419	504	13	2	11
Thiruvallur	Tiruttani	Beerakuppam	7	753	760	13	0	13
Thiruvallur	Tiruttani	Muthukondapuram	59	718	777	13	1	12
Thiruvarur	Kodavasal	Kandiranamickam	2	257	259	13	0	13
Thiruvarur	Thiruthuraipoondi	Jambuvanodai	17	653	670	13	0	13
Thiruvarur	Valangaiman	Annukkudi	0	1293	1293	13	0	13
Tiruchirappalli	Lalgudi	Edangimangalam	0	292	292	13	0	13
Tiruchirappalli	Manachanallur	Vengangudi	0	428	428	13	0	13
Tiruchirappalli	Thuraiyur	Kombai	0	572	572	13	0	13
Tiruchirappalli	Thottiyam	Kolakudi	43	864	907	13	1	12
Tiruchirappalli	Manapparai	Vadagupatti	0	914	914	13	0	13
Tirunelveli	PULIYANGUDI	Puliyankudi (M) - Ward No.32	0	156	156	13	0	13
Tirunelveli	Vadakarai Keezhpadugai	Vadakarai Keezhpadugai (TP) - Ward No.9	47	167	214	13	3	10
Tirunelveli	Radhapuram	Tisayanvilai	0	329	329	13	0	13
Tirunelveli	Alangulam	Anaindaperumal nadanur	0	330	330	13	0	13
Tirunelveli	Tirunelveli	Gangaikondan	0	1279	1279	13	0	13
Tirunelveli	Radhapuram	Therku Valliyoor	0	1431	1431	13	0	13
Tirunelveli	Tenkasi	Chockampatti	36	2199	2235	13	0	13
Tiruppur	Udumalaipettai	Poolankinar (Ct)	0	839	839	13	0	13
Tiruppur	Tiruppur north	Ugayanur	5	1131	1136	13	0	13
Tiruppur	Kangeyam	Peranjervali	9	1470	1479	13	0	13
Tiruvannamalai	Polur	Alampoondy	2	218	220	13	0	13
Tiruvannamalai	Vandavasi	Sathamangalam (Mel)	0	433	433	13	0	13

Tiruvannamalai	Cheydar	Athi	46	495	541	13	1	12
Tiruvannamalai	Tiruvannamalai	Su.Andapttu	0	671	671	13	0	13
Tiruvannamalai	Vandavasi	Imapuram	0	811	811	13	0	13
Tiruvannamalai	Tiruvannamalai	Allikondappatu	0	1034	1034	13	0	13
Tiruvannamalai	Chengam	Paramanandal	0	2395	2395	13	0	13
Tuticorin	Thoothukkudi	Perurani	0	164	164	13	0	13
Tuticorin	Tiruchendur	Tiruchendur (TP) - Ward No.11	71	192	263	13	4	9
Tuticorin	Kovilpatti	Karadikulam	0	266	266	13	0	13
Tuticorin	Srivaikuntam	Poovani	2	493	495	13	0	13
Tuticorin	Srivaikuntam	Padmanabhamangalam	22	2569	2591	13	0	13
Vellore	Odugathur	Odugathur (TP) - Ward No.15	0	167	167	13	0	13
Vellore	Katpadi	Ammavaripalle	0	287	287	13	0	13
Vellore	Arcot	Mel Pudupakkam	0	506	506	13	0	13
Vellore	Arakonam	Ochalam	12	553	565	13	0	13
Vellore	Vellore	Anpundi	3	658	661	13	0	13
Vellore	Vellore	Kil Arasampattu	0	833	833	13	0	13
Vellore	Katpadi	Latteri	0	1458	1458	13	0	13
Vellore	Gudiyatham	Thalayatham	0	2567	2567	13	0	13
Villupuram	VILLUPURAM	Viluppuram (M) - Ward No.7	0	112	112	13	0	13
Villupuram	Marakkanam	Marakkanam (TP) - Ward No.6	0	286	286	13	0	13
Villupuram	Tindivanam	V. Panchalam	0	352	352	13	0	13
Villupuram	Tindivanam	Kunnappakkam	0	432	432	13	0	13
Villupuram	Tirukkoyilur	Perichanur	0	486	486	13	0	13
Villupuram	Gingee	Sittampundi	0	531	531	13	0	13
Villupuram	Viluppuram	Attiyur Thirukkai	17	878	895	13	0	13
Villupuram	Tindivanam	Siruvadi	0	1028	1028	13	0	13
Villupuram	Sankarapuram	Melsiruvalur	6	1478	1484	13	0	13
Villupuram	Tindivanam	Kandadu	0	1574	1574	13	0	13
Virudhunagar	Sivakasi	Alangulam (Part)	0	240	240	13	0	13
Virudhunagar	Sivakasi	Kananjampatti	0	305	305	13	0	13
Virudhunagar	Sivakasi	Naranapuram (Ct)	0	389	389	13	0	13
Virudhunagar	Rajapalayam	Sholapuram	0	569	569	13	0	13
Virudhunagar	S.Kodikulam	S.Kodikulam (TP) - Ward No.3	0	793	793	13	0	13
		TOTAL	6167	107373	113540	2015	104	1911

*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
e: Cattle

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

Unreserved Villages 150
Reserved Villages 5
Total Samples

1950
65
2015

FMD/SEROMON/NIVEDI/ROUND-IV/Telangana_31/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 6678

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.025

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 132 (+3 Reserved Villages)

Total No of Animals to be Sampled = 1716

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Adilabad	Neradigonda	Kuntala (Khurd)	6	471	477	13	0	13
Adilabad	Inderavelly	Inderavelly (K)	0	628	628	13	0	13
Adilabad	Utnoor	Kopergadh	70	560	630	13	1	12
Adilabad	Gadiguda	Dhaba (Buzurg)	0	1147	1147	13	0	13
Adilabad	Inderavelly	Yamaikunta	55	1424	1479	13	0	13
BHADRADRI KOTHAGUDEM	Allapalli	Appaipeta	0	272	272	13	0	13
BHADRADRI KOTHAGUDEM	Dummugudem	Dabbanuthula	123	243	366	13	4	9
BHADRADRI KOTHAGUDEM	PALWANCHHA	Palwanchha (M) - Ward No.22	634	48	682	13	12	1
BHADRADRI KOTHAGUDEM	Burgampahad	Krishna Sagar	276	912	1188	13	3	10
BHADRADRI KOTHAGUDEM	Annapureddypalli	Gumpena	1237	933	2170	13	7	6
BHADRADRI KOTHAGUDEM	Palwanchha	Payakari Yanambylu	1565	1566	3131	13	6	7
Hyderabad	Asif Nagar	GHMC Ward-63: Manghalhat	247	235	482	13	7	6
Hyderabad	Saidabad	GHMC Ward-28: Azampura	1005	1479	2484	13	5	8
Jagital	Metpalle	Mettachittapur	419	192	611	13	9	4
Jagital	Ibrahimpatnam	Godur	545	84	629	13	11	2
Jagital	Pegadapalle	Bathkepalle	1092	682	1774	13	8	5
JANGOAN	Palakurthi	Valmidi	740	454	1194	13	8	5
JANGOAN	Jangaon	Peddapahad	1569	871	2440	13	8	5
JAYASHANKAR BHUPALAPALLY	Eturnagaram	Ramnagar (Koyagudem)	70	217	287	13	3	10
JAYASHANKAR BHUPALAPALLY *	Mulug	Madanapalle	486	177	663	13	10	3
JAYASHANKAR BHUPALAPALLY	Wazeed	Dulapuram(G)	228	451	679	13	4	9
JAYASHANKAR BHUPALAPALLY	Venkatapuram	Bodapuram [G]	197	676	873	13	3	10
JAYASHANKAR BHUPALAPALLY	Mangapet	Kathigudem	552	539	1091	13	7	6
JOGULAMBA GADWAL	Iej	Yapadinne	168	481	649	13	3	10

JOGULAMBA GADWAL	Dharur	Neelahalli	291	774	1065	13	4	9
KAMAREDDY	Jukkal	Sopur	102	153	255	13	5	8
KAMAREDDY	Nizamsagar	Banjepalle	515	119	634	13	11	2
KAMAREDDY	Nizamsagar	Gorgal	596	127	723	13	11	2
KAMAREDDY	Bhiknoor	Tippapur	539	278	817	13	9	4
KAMAREDDY	Rajampet	Talmadla	1453	828	2281	13	8	5
Karimnagar	Veenavanka	Challoor	664	176	840	13	10	3
Karimnagar	Kothapally	Chintakunta (Part)	1235	557	1792	13	9	4
Khammam	Tallada	Kodavatimetta	448	23	471	13	12	1
Khammam	Raghunadhapalem	Daredu	519	543	1062	13	6	7
Khammam	Khammam (Rural)	Tallampadu	933	390	1323	13	9	4
Khammam	Yerrupalem	Rajulapalem	1310	66	1376	13	12	1
Khammam	Singareni	Viswanadhapalle	1471	764	2235	13	9	4
Khammam	Raghunadhapalem	Mallepalle Chinthagurthi	900	2344	3244	13	4	9
KUMURAM BHEEM ASIFABAD	Asifabad	Siryan Mowad	0	262	262	13	0	13
KUMURAM BHEEM ASIFABAD	Bejjur	Ambaghath	0	503	503	13	0	13
KUMURAM BHEEM ASIFABAD	Sirpur (T)	Dhorpalie	44	539	583	13	1	12
KUMURAM BHEEM ASIFABAD	Wankdi	Sawathi	0	1707	1707	13	0	13
KUMURAM BHEEM ASIFABAD	Tiryani	Mangi	196	2669	2865	13	1	12
MAHABUBABAD *	Nellikudur	Aleru	465	605	1070	13	6	7
MAHABUBABAD	Kothagudem	Ootai	1012	1132	2144	13	6	7
Mahbubnagar	MAHABUBNAGAR	Mahbubnagar (M)- Ward No.39	235	31	266	13	11	2
Mahbubnagar	Koilkonda	Chanmanpalle	151	155	306	13	6	7
Mahbubnagar	Kosgi	Mushrifia	97	379	476	13	3	10
Mahbubnagar	Damaragidda	Gadimunkanpalle	183	477	660	13	4	9
Mahbubnagar	Hanwada	Munimokesham	449	377	826	13	7	6
Mahbubnagar	MAHABUBNAGAR_RURAL	Oblaipalle	666	249	915	13	9	4
Mahbubnagar	MARIKAL	Peddachintakunta	660	1081	1741	13	5	8
MANCHERIAL	Bellampalli	Bellampalle Ward No 15	200	113	313	13	8	5
MANCHERIAL	Kotapalle	Kotapalle	169	379	548	13	4	9
MANCHERIAL	Kasipet	Muthempalle	388	493	881	13	6	7
MANCHERIAL	Chennur	Suddal	494	1267	1761	13	4	9

MANCHERIAL	Kotapalle	Dewalwada	304	1906	2210	13	2	11
Medak	Narsapur	Chinna Chintakunta	827	70	897	13	12	1
Medak	Shivampet	Lingojiguda	1125	313	1438	13	10	3
Medak	Shankarampet (R)	Jangrai	761	1309	2070	13	5	8
MEDCHAL MALKAJIGIRI	Shamirpet	Majidpur	298	252	550	13	7	6
MEDCHAL MALKAJIGIRI	Dundigal Gandimaisam	Dundigal (Ct)	1337	259	1596	13	11	2
NAGARKURNOOL	Urkonda	Jakanalapalle	157	540	697	13	3	10
NAGARKURNOOL	Kalwakurthy	Thandra	206	566	772	13	3	10
NAGARKURNOOL	Nagarkurnool	Yendabetla	648	448	1096	13	8	5
NAGARKURNOOL	KALWAKURTHY	kalwakurthy-Ward No.4	611	718	1329	13	6	7
NAGARKURNOOL	Kodair	Kodair	610	1204	1814	13	4	9
Nalgonda	Miryalaguda	Kalva Palle	156	0	156	13	13	0
Nalgonda	Thripuraram	Kamareddi Gudem	367	149	516	13	9	4
Nalgonda	Chityala	Sunkene Palle	440	204	644	13	9	4
Nalgonda *	Gundla Palle	Kame Palle	446	334	780	13	7	6
Nalgonda	Miryalaguda	Takkellapahad	836	30	866	13	13	0
Nalgonda	Nidamanur	Rajannagudem	1083	127	1210	13	12	1
Nalgonda	Marriguda	Yergandlapalle	559	812	1371	13	5	8
Nalgonda	Narketpalle	Cherughat	949	544	1493	13	8	5
Nalgonda	Sali Gouraram	Vangamarthi	988	599	1587	13	8	5
Nirmal	Nirmal Rural	Venkatapur (R)	264	75	339	13	10	3
Nirmal	Mamda	Kamal Kote	455	113	568	13	10	3
Nirmal	Bhainsa	Manjri	308	322	630	13	6	7
Nirmal	Dasturabad	Munnial	840	2198	3038	13	4	9
Nirmal	Kaddam (Peddur)	Bellal	1722	1677	3399	13	7	6
Nizamabad	Dharpalle	Govindpalle	235	42	277	13	11	2
Nizamabad	Nandipet	Shahpur	258	58	316	13	11	2
Nizamabad	Kammarpalle	Choutupalle	397	149	546	13	9	4
Nizamabad	Bodhan	Salampad	524	24	548	13	12	1
Nizamabad	Armur	Govindpet	344	665	1009	13	4	9
Nizamabad	Ranjal	Kandakurthi	749	998	1747	13	6	7
PEDDAPALLI	Ramagiri	Jallaram (Ct)	624	143	767	13	11	2

PEDDAPALLI	Elgaid	Doolikatta	1045	506	1551	13	9	4
RAJANNA SIRCILLA	Yellareddipet	Korutlapet	401	144	545	13	10	3
RAJANNA SIRCILLA	Konaraopeta	Kolanur	288	509	797	13	5	8
Rangareddi	Shamshabad	Rayannaguda	81	82	163	13	6	7
Rangareddi	Shankarpalle	Yelwarthy	347	52	399	13	11	2
Rangareddi	Shamshabad	Kothwalguda	518	40	558	13	12	1
Rangareddi	Manchal	Cheeded	597	98	695	13	11	2
Rangareddi	Maheswaram	Dubbacherla	830	465	1295	13	8	5
Rangareddi	Kothur	Penjerla	14	1450	1464	13	0	13
Rangareddi	Madgul	Kulkulpalle	761	2277	3038	13	3	10
SANGAREDDY	Sangareddy	Sangareddy - Ward No 8	144	31	175	13	11	2
SANGAREDDY	Nyalkal	Mungi	131	151	282	13	6	7
SANGAREDDY	Nyalkal	Namtabad	277	103	380	13	9	4
SANGAREDDY	Zahirabad	Hothi(K) (Og)	218	232	450	13	6	7
SANGAREDDY	Kohir	Machreddipalle	152	460	612	13	3	10
SANGAREDDY	Patancheru	Chinnakanjerla	350	279	629	13	7	6
SANGAREDDY	Narayankhed	Madhavar	664	405	1069	13	8	5
SANGAREDDY	Kangti	Degulawadi	410	659	1069	13	5	8
SANGAREDDY	Gummadidala	Domadugu	1043	266	1309	13	10	3
SIDDIPET	Nangnoor	Kondamrajpalle	183	425	608	13	4	9
SIDDIPET	Koheda	Nakkira Kommula	273	375	648	13	5	8
SIDDIPET	Bejjanki	Bejjanki	493	462	955	13	7	6
SIDDIPET	Maddur	Kootigal	686	578	1264	13	7	6
SIDDIPET	Cherial	Akunoor	1454	1193	2647	13	7	6
SURYAPET	Suryapet	Suryapet (M) - Ward No.12	254	0	254	13	13	0
SURYAPET	Atmakur (S)	Setti Guda	349	249	598	13	8	5
SURYAPET	Kodad	Ramalaxmipuram	721	114	835	13	11	2
SURYAPET	Palakeedu	Sunya Pahad	650	420	1070	13	8	5
SURYAPET	Mella Cheruvu	Revuru	1273	501	1774	13	9	4
SURYAPET	Munagala	Madhavaram	2944	675	3619	13	11	2
VIKARABAD	Nawabpet	Kadcharla	30	170	200	13	2	11
VIKARABAD	Marpalle	Damasthapur	108	308	416	13	3	10

VIKARABAD	Doulathabad	Balampeta	155	422	577	13	3	10
VIKARABAD	Pargi	Mittakodur	287	321	608	13	6	7
VIKARABAD	Pargi	Gadsingapur	514	386	900	13	7	6
VIKARABAD	Doma	Bompalle	738	847	1585	13	6	7
WANAPARTHY	Pebbaire	Pathapalle	436	229	665	13	9	4
WANAPARTHY	Pangal	Remaddula	860	1173	2033	13	5	8
Warangal Rural	Chennaraopet	Yellaigudem	330	759	1089	13	4	9
Warangal Rural	Nekkonda	Redlawada	1467	907	2374	13	8	5
WARANGAL URBAN	Kamalapur	Kaniparthi	508	328	836	13	8	5
WARANGAL URBAN	Warangal	Warangal (GVMC) - Ward No.58	1283	467	1750	13	10	3
YADADRI BHUVANAGIRI	Addaguduru	Chinnapadishala	250	126	376	13	9	4
YADADRI BHUVANAGIRI	Valigonda	Goline Palle	504	103	607	13	11	2
YADADRI BHUVANAGIRI	Atmakur (M)	Moripirala	456	346	802	13	7	6
YADADRI BHUVANAGIRI	Mothkur	Dattappaguda	822	690	1512	13	7	6
YADADRI BHUVANAGIRI	Bibinagar	Kondamadugu	1711	343	2054	13	11	2
		TOTAL	75107	72276	147383	1755	921	834

*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
e: Cattle

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

Unreserved Villages	132	1716
Reserved Villages	3	39
Total Samples		1755

FMD/SEROMON/NIVEDI/ROUND-IV/Tripura_32/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 815

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.03

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 110 (+2 villages reserved)

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)
Dhalai	Durga Chowmuhani	West Lamboochara	0	199	199	13	0	13
Dhalai	Kamalpur Nagar Panchavat	Ward No. 1	0	262	262	13	0	13
Dhalai	Ambassa	Paschim Lalchari	0	390	390	13	0	13
Dhalai	Dumburnagar	Dhalajhari	89	333	422	13	3	10
Dhalai	Ambassa	Purba Nalichhara	0	525	525	13	0	13
Dhalai	Dumburnagar	Ratan Nagar	0	562	562	13	0	13
Dhalai	Salema	Dab Bari	0	573	573	13	0	13
Dhalai	Durga Chowmuhani	South Manik Bhander	0	632	632	13	0	13
Dhalai	Salema	Ashapurma Roaja Para	0	640	640	13	0	13
Dhalai	Durga Chowmuhani	West Kuchainala	0	831	831	13	0	13
Dhalai	Ambassa	Kamalachhara	1	837	838	13	0	13
Dhalai	Salema	Nakful	0	904	904	13	0	13
Dhalai	Salema	Purba Daluchhara	0	975	975	13	0	13
Dhalai	Dumburnagar	Ranipukur	0	1082	1082	13	0	13
Dhalai	Manu	Purba Masli	0	1569	1569	13	0	13
Gomati	Ompi	Paschim Taichhlong	0	267	267	13	0	13
Gomati	Ompi	Baisyamanipara	0	274	274	13	0	13
Gomati	Matarbari	Purba Chandrapur R.F	0	329	329	13	0	13
Gomati	Ompi	Uttar Taidu	0	371	371	13	0	13
Gomati	Ompi	Dhanlekha	0	486	486	13	0	13
Gomati	Ompi	Ek-Janchhara	23	477	500	13	1	12
Gomati	Tepania	Tepania	0	541	541	13	0	13
Gomati	Tepania	Uttar Salgarah	0	568	568	13	0	13
Gomati	Kakraban	Uttar Tulamura	0	656	656	13	0	13
Gomati	Kakraban	Hurijala	0	671	671	13	0	13
Gomati	Matarbari	Simsima	0	723	723	13	0	13
Gomati	Matarbari	Purba Magpushkarini	0	842	842	13	0	13
Gomati	Karbook	Dakshin Chalagang	0	944	944	13	0	13
Gomati	Matarbari	Dakshin Maharanı	0	945	945	13	0	13
Gomati	Karbook	Paschim Karbuk	13	945	958	13	0	13
Gomati	Kakraban	Mirza	0	997	997	13	0	13
Gomati *	Karbook	Paschim Manikya Dewan	19	1151	1170	13	0	13
Khowai	Teliamura	Rupacherra	0	228	228	13	0	13
Khowai	Tulashikhar	Purba Singhicharra	0	342	342	13	0	13
Khowai	Padmabil	Dakshin Ramchandrahat	0	408	408	13	0	13
Khowai	Teliamura	Hawaiabari	0	440	440	13	0	13
Khowai	Padmabil	Paglabari	53	413	466	13	1	12
Khowai	Padmabil	Upendra Nagar	0	471	471	13	0	13
Khowai	Khowai	Jambura	0	479	479	13	0	13
Khowai	Khowai	Paschim Sonatala	0	595	595	13	0	13
Khowai	Tulashikhar	Purba Rajnagar	0	744	744	13	0	13
Khowai	Kalyanpur	Dwarikapur	0	847	847	13	0	13
Khowai	Khowai	Madhya Ganki	0	857	857	13	0	13

Khowai	Khowai	Laxminarayanpur	0	2556	2556	13	0	13
North Tripura	Kadamtala	Uttar Fulbari	10	270	280	13	0	13
North Tripura	Jubarajnagar	Mangalkhali	41	353	394	13	1	12
North Tripura	Jubarajnagar	Charupassa	0	503	503	13	0	13
North Tripura	Kadamtala	Churaibari	15	491	506	13	0	13
North Tripura	Jubarajnagar	Sripur	0	591	591	13	0	13
North Tripura	Kadamtala	Baghan	10	596	606	13	0	13
North Tripura	Dasda	Radhamadhavpur	0	833	833	13	0	13
North Tripura	Panisagar	Paschim Padmabil	3	1125	1128	13	0	13
North Tripura *	Kadamtala	Bargul	14	1207	1221	13	0	13
North Tripura	Kadamtala	Saraspur	0	1308	1308	13	0	13
Sepahijala	Nalchar	Poangbari	0	156	156	13	0	13
Sepahijala	Jampujala	Kandraichhara	3	567	570	13	0	13
Sepahijala	Nalchar	Jumerdheda	0	604	604	13	0	13
Sepahijala	Mohanbhog	Ghrantali	0	606	606	13	0	13
Sepahijala	Nalchar	Bardowal	0	616	616	13	0	13
Sepahijala	Mohanbhog	Uttar Taibandul	0	662	662	13	0	13
Sepahijala	Kathalia	Kathalia	0	690	690	13	0	13
Sepahijala	Bishalgarh	Konaban	0	759	759	13	0	13
Sepahijala	Jampujala	Goliraibari	0	795	795	13	0	13
Sepahijala	Nalchar	Khaschoumohani	0	840	840	13	0	13
Sepahijala	Jampujala	Sangkumabari	0	907	907	13	0	13
Sepahijala	Bishalgarh	Kasba	0	934	934	13	0	13
Sepahijala	Kathalia	Thalibari	0	975	975	13	0	13
Sepahijala	Nalchar	Laxmandhepa	0	986	986	13	0	13
Sepahijala	Kathalia	Manarchak	0	1143	1143	13	0	13
South Tripura	Satchand	Maira	0	208	208	13	0	13
South Tripura	Satchand	Vivekanada Palli	0	384	384	13	0	13
South Tripura	Hrishyamukh	Gaburcharra	0	444	444	13	0	13
South Tripura	Bharat Chandra Nagar	Sukantanagar	0	457	457	13	0	13
South Tripura	Hrishyamukh	Sarashima	0	618	618	13	0	13
South Tripura	Hrishyamukh	Jaykatpur	0	740	740	13	0	13
South Tripura	Jolaibari	Tuirbhuma Kowaifung	0	747	747	13	0	13
South Tripura	Jolaibari	Thakur Cherra	0	749	749	13	0	13
South Tripura	Rajnagar	Dakshin Srirampur	0	785	785	13	0	13
South Tripura	Jolaibari	Dakshin Jolaibari	0	1025	1025	13	0	13
South Tripura	Jolaibari	Purba Pillak	0	1059	1059	13	0	13
South Tripura	Hrishyamukh	Jaypur	0	1131	1131	13	0	13
South Tripura	Rajnagar	Dakshin Rajnagar	0	1213	1213	13	0	13
South Tripura	Bharat Chandra Nagar	Uttar Bharatchandranagar	0	1382	1382	13	0	13
South Tripura	Jolaibari	Ramraibari	11	2365	2376	13	0	13
Unakoti	Kumarghat	Ambedkar Nagar	0	224	224	13	0	13
Unakoti	Kumarghat	Ratiabari	0	470	470	13	0	13
Unakoti	Gournagar	Tilagaon	15	553	568	13	0	13
Unakoti	Gournagar	Rangauti	10	561	571	13	0	13
Unakoti	Gournagar	Bhagaban Nagar	5	705	710	13	0	13
Unakoti	Kumarghat	Masauli	9	843	852	13	0	13
Unakoti	Gournagar	Kaulikura	10	934	944	13	0	13
Unakoti	Kumarghat	Kanchanbari	28	1089	1117	13	0	13
Unakoti	Kumarghat	Purba Ratachhara	55	1631	1686	13	0	13
West Tripura	Agartala Municipal	Ward No.30	0	138	138	13	0	13
West Tripura	Mandai	Dinakobrapara	0	229	229	13	0	13
West Tripura	Bamutia	Narsinghar	0	248	248	13	0	13
West Tripura	Jirania	Harijoy Choudhury Para	0	262	262	13	0	13
West Tripura	Belbari	Bubagwra	0	286	286	13	0	13
West Tripura	Old Agartala	Purba Champamura	0	377	377	13	0	13

West Tripura	Bamutia	Lembucherra	0	392	392	13	0	13
West Tripura	Mandai	Ashigarh	0	442	442	13	0	13
West Tripura	Hezamara	Sankhola	0	442	442	13	0	13
West Tripura	Belbari	Champaknagar	5	462	467	13	0	13
West Tripura	Hezamara	Purba Tamakari	0	481	481	13	0	13
West Tripura	Hezamara	Sarat Chowdhury	0	519	519	13	0	13
West Tripura	Bamutia	Bhagalpur	0	543	543	13	0	13
West Tripura	Mohanpur	Satdubia	0	559	559	13	0	13
West Tripura	Bamutia	Uttar Laxmilunga	0	560	560	13	0	13
West Tripura	Dukli	Charipara	0	563	563	13	0	13
West Tripura	Mohanpur	Ishanpur	3	636	639	13	0	13
West Tripura	Jirania	Purba Barjala	0	741	741	13	0	13
West Tripura	Dukli	Maheshkhola	0	816	816	13	0	13
		TOTAL	445	77411	77856	1456	6	1450

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 110	1430
b: Block Name	g : Number of units to sample	Reserved Villages 2	26
c: Village Name	h: Buffalo Proportion	Total Samples	1456
d: Buffalo Population	i: Cattle Proportion		
e: Cattle Population			

FMD/SEROMON/NIVEDI/ROUND-IV/Uttar Pradesh_33/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 43249

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.019

Sensitivity of the test used = 0.9

Total No of Villages (Clusters) Selected = 174 (+10 Reserved Villages)

Total No of Animals to be Sampled = 2262

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Agra	Etmadpur	Roopdhandu	2048	399	2447	13	11	2
Aligarh	Atrauli	Bisora	952	145	1097	13	11	2
Aligarh *	Koil	Baghiyar	1306	518	1824	13	9	4
Allahabad	Meja	Pirhata Bisaura	105	223	328	13	4	9
Allahabad	Karchhana	Mahewa Ta. Bhunda	294	229	523	13	7	6
Allahabad	Koraon	Jokhat	529	244	773	13	9	4
Allahabad *	Soraon	Sarai Bharat Urf Holagarh	877	492	1369	13	8	5
Allahabad	Soraon	Jurapur Biher	1642	422	2064	13	10	3
Ambedkar Nagar	Bhiti	Khjure	189	373	562	13	4	9
Ambedkar Nagar	Jalalpur	Dooltabad	591	243	834	13	9	4
Amethi	Musafirkhana	Palia Chand Pur	314	377	691	13	6	7
Amethi	Musafirkhana	Kisuni	1745	1473	3218	13	7	6
Amroha	Amroha	Umri Sadat	549	303	852	13	8	5
Amroha *	Dhanaura	Maleshiya	828	312	1140	13	9	4
Auraiya	Bidhuna	Surajanpur Airwa	447	100	547	13	11	2
Auraiya	Bidhuna	Bhatauli Phaphoond	1094	270	1364	13	10	3
Azamgarh	Phulpur	Kushal Gaon	140	113	253	13	7	6
Azamgarh	Burhanpur	Dhyani Pur	273	71	344	13	10	3
Azamgarh	Azamgarh	Deoria Khalsa	196	194	390	13	7	6
Azamgarh	Sagri	Basupar Bankat	219	200	419	13	7	6
Azamgarh	Sagri	Mau Kutubpur	234	324	558	13	5	8
Azamgarh	Lalganj	Bakesh	324	431	755	13	6	7
Baghpat *	Baghpat	Oyampur	628	303	931	13	9	4
Brahaich	Mahasi	Naushahara	423	313	736	13	7	6
Brahaich	Kaiserganj	Nakhara Abbupur	334	536	870	13	5	8
Ballia	Reoti	Reoti (NP) - Ward No.2	133	270	403	13	4	9
Ballia	Ballia	Brahm Devta	393	67	460	13	11	2

Ballia	Rasra	Savrupur	360	591	951	13	5	8
Ballia *	Sikanderpur	Balupur	397	945	1342	13	4	9
Balrampur	Tulsipur	Chauhattar Khurd	77	369	446	13	2	11
Balrampur	Balrampur	Dhama Chauri	459	600	1059	13	6	7
Banda	Atarra	Mahuta	541	287	828	13	8	5
Banda	Baberu	Gujenee	881	757	1638	13	7	6
Barabanki	Haidergarh	Karme Mau	464	173	637	13	9	4
Barabanki	Haidergarh	Kanwa	402	477	879	13	6	7
Bareilly	Bareilly/Bareilly(M.Corp)	Bareilly (M.Corp) - Ward N.79	325	0	325	13	13	0
Bareilly*	Bareilly/Bareilly(M.Corp)	Bareilly (M.Corp) - Ward N.63	311	150	461	13	9	4
Bareilly	Nawabganj	Madhu Nagla	676	135	811	13	11	2
Bareilly	Nawabganj	Kholadia	1573	1150	2723	13	8	5
Basti	Harraiya	Jivadhpur Rai	243	0	243	13	13	0
Basti	Rudhauli	Bdhyia Raja	292	30	322	13	12	1
Basti *	Harraiya	Gaura Panday	239	100	339	13	9	4
Basti	Harraiya	Hardi Khas	409	67	476	13	11	2
Basti	Bhanpur	Amarauli Shumali	1831	239	2070	13	11	2
Bijnor	Chandpur	Jaunpur	70	260	330	13	3	10
Bijnor	Dhampur	Zasmor	379	86	465	13	11	2
Bijnor	Chandpur	Jogi Ondha	370	286	656	13	7	6
Bijnor	Dhampur	Wazirpur Ahatmali	388	284	672	13	8	5
Bijnor	Bijnor	Ta1Abpur Qazi	685	469	1154	13	8	5
Budaun	Bisauli	Chhimarpura	400	167	567	13	9	4
Budaun	Bilsi	Naipindari	631	79	710	13	12	1
Budaun	Budaun	Mugarra Tatei	1080	406	1486	13	9	4
Budaun	Bisauli	Mohammadpur Mai	1909	557	2466	13	10	3
Bulandshahr	Shikarpur	Saidh Garhi	819	324	1143	13	9	4
Bulandshahr	Siana	Kachraut	1126	421	1547	13	9	4
Chandauli *	Sakaldiha	Bairath	325	383	708	13	6	7
Chandauli	Chandauli	Barhuli	692	1138	1830	13	5	8
Chitrakoot	Karwi	Dugawa	473	310	783	13	8	5
Chitrakoot	Rajapur	Parakon	889	1134	2023	13	6	7
Deoria	Deoria	Guddijor	93	225	318	13	4	9
Deoria	Bariyarpur	Pakariyar(Ward No.3)	69	289	358	13	3	10
Deoria	Deoria	Gautam Chak Mathia	267	298	565	13	6	7

Deoria	Rudrapur	Ramchak	429	291	720	13	8	5
Etah	Etah	Pidaura	1000	75	1075	13	12	1
Etah	Jalesar	Balesara	1276	362	1638	13	10	3
Etawah	Bharthana	Saiphi	708	161	869	13	11	2
Etawah	Chakarnagar	Birori	1258	206	1464	13	11	2
Faizabad	Milkipur	Adil Pur	311	395	706	13	6	7
Faizabad	Milkipur	Taksara	591	382	973	13	8	5
Farrukhabad *	Farrukhabad	Runi Chursai	561	51	612	13	12	1
Farrukhabad	Kaimganj	Manjhana	837	353	1190	13	9	4
Fatehpur	Khaga	Rakshapal Pur	393	149	542	13	9	4
Fatehpur	Bindki	Guneer	8684	89	8773	13	13	0
Firozabad	Jasrana	Sahumai	645	89	734	13	11	2
Firozabad	Sirsaganj	Pindsara	911	358	1269	13	9	4
Gautam Buddha Nagar	Dadri	Kirachpur Urf Kailashpur	672	278	950	13	9	4
Ghaziabad	Ghaziabad	Govindpuram Harsav, Ward no-62	821	267	1088	13	10	3
Ghazipur	Ghazipur	Chak Phazullah	254	85	339	13	10	3
Ghazipur	Kasimabad	Kardah Kaithawali	245	171	416	13	8	5
Ghazipur	Jakharia	Gosaiyan	200	235	435	13	6	7
Ghazipur	Ghazipur	Paharpur Uparwar	319	424	743	13	6	7
Ghazipur *	Saidpur	Manjha	1310	481	1791	13	10	3
Gonda	Tarabganj	Jalalpur Routiha	418	149	567	13	10	3
Gonda	Tarabganj	Chire Basna	507	567	1074	13	6	7
Gorakhpur	Gorakhpur	Domin Garh(Part)	140	174	314	13	6	7
Gorakhpur	Bansgaon	Dhaura	114	249	363	13	4	9
Gorakhpur	Campierganj	Mohammadpur Urf Hargna	348	76	424	13	11	2
Gorakhpur	Gorakhpur	Jangl Ahmad Ali Shah Urf Tura	295	287	582	13	7	6
Gorakhpur	Campierganj	Alagatpur	552	142	694	13	10	3
Hamirpur	Sarila	Rihuta	483	231	714	13	9	4
Hamirpur	Rath	Tola Rawat	1163	396	1559	13	10	3
Hapur	Dhaulana	Siwaya	849	446	1295	13	9	4
Hardoi	Shahabad	Patras	206	168	374	13	7	6
Hardoi	Sawayajpur	Serhamau	394	274	668	13	8	5
Hardoi	Sandila	Muthiya	958	199	1157	13	11	2
Hardoi	Hardoi	Sekhora	1777	1219	2996	13	8	5
Hathras	Sadabad	Chhawa	591	259	850	13	9	4

Hathras	Hathras	Allahpur Chursen	3168	563	3731	13	11	2
Jalaun	Konch	Kemra	368	132	500	13	10	3
Jalaun	Konch	Bharsunda	609	389	998	13	8	5
Jaunpur	Jaunpur	Rampur Dawan Singh	226	119	345	13	9	4
Jaunpur	Jaunpur	Satalpur	251	176	427	13	8	5
Jaunpur	Kerakat	Mukuripur	195	332	527	13	5	8
Jaunpur	Badlapur	Agraura	675	266	941	13	9	4
Jaunpur	Jaunpur	Chorsand	569	806	1375	13	5	8
Jhansi	Moth	Mudei	166	347	513	13	4	9
Jhansi	Tahrauli	Pandwaha	544	1002	1546	13	5	8
Kannauj	Chhibramau	Sakarbara Baghulai	1326	0	1326	13	13	0
Kannauj	Chhibramau	Bar Gaon	0	3415	3415	13	0	13
Kanpur Dehat	Sikandra	Anwan	625	107	732	13	11	2
Kanpur Dehat	Akbarpur	Madarpur Tasadduk Ali	1248	211	1459	13	11	2
Kanpur Nagar	Kanpur	Kampur (M Corp.) - Ward No.65	209	662	871	13	3	10
Kanpur Nagar	NARWAL	Newadabausar	1297	221	1518	13	11	2
Kasganj	Patiyali	Tajpur Tigra	713	256	969	13	10	3
Kasganj	Kasganj	Paisoi	1142	334	1476	13	10	3
Kaushambi	Manjhanpur	Sachawara	501	345	846	13	8	5
Kaushambi	Sirathu	Bara Tafareek	509	383	892	13	7	6
Kheri	Lakhimpur	Aggar Buzurg	272	380	652	13	5	8
Kheri	Nighasan	Nibaureya	788	517	1305	13	8	5
Kushi Nagar	kaptanganj	Khairatawa	247	117	364	13	9	4
Kushi Nagar	Tamkuhi Raj	Dibani Banjarwa	251	330	581	13	6	7
Lalitpur	Mahroni	Gurha Mahdawara	239	718	957	13	3	10
Lalitpur	Lalitpur	Adwaha	673	707	1380	13	6	7
Lucknow	Bakshi Ka Talab	Mohmmadpur Garhi	334	402	736	13	6	7
Lucknow	Mohanlalganj	Sithauli Kala	613	818	1431	13	6	7
Maharajganj	Nautanwa	Samardhira	285	145	430	13	9	4
Maharajganj	Maharajganj	Beltikara	516	41	557	13	12	1
Mahoba	Kharela	Kharela (NP) - Ward No.6	40	440	480	13	1	12
Mainpuri	Mainpuri	Ruppur Bharatpur	563	81	644	13	11	2
Mainpuri	Mainpuri	Budhrwa	1475	23	1498	13	13	0
Mathura	Mat	Daharuwa	690	201	891	13	10	3
Mathura	Goverdhan	Bhavanpura	1167	471	1638	13	9	4

Mau	Maunath Bhanjan	Sultapur Urf Bnaura	262	96	358	13	10	3
Mau	Maunath Bhanjan	Bhds Manwpur	550	554	1104	13	6	7
Meerut	Mawana	Bharolli	772	328	1100	13	9	4
Meerut	Sardhana	Gotka	1074	593	1667	13	8	5
Mirzapur	Lalganj	Bashahi Kalan	206	430	636	13	4	9
Mirzapur	Mirzapur	Shahpur Chausa	159	922	1081	13	2	11
Moradabad	Kanth	Muzaffarpur Tanda	383	243	626	13	8	5
Moradabad	Kanth	Jebara	532	446	978	13	7	6
Muzaffarnagar	Muzaffarnagar	Bhikki	551	428	979	13	7	6
Muzaffarnagar	Jansath	Karhera	2708	3988	6696	13	5	8
Pilibhit	Amaria	Bhauni	229	175	404	13	7	6
Pilibhit	Pilibhit	Kalyanpur Khas	487	272	759	13	8	5
Pratapgarh	Lalganj	Kotwashukulpur	280	181	461	13	8	5
Pratapgarh	Patti	Deorakha	374	329	703	13	7	6
Pratapgarh	Lalganj	Pedariya	375	447	822	13	6	7
Pratapgarh	Kunda	Nagaiymaoo	682	735	1417	13	6	7
Rae Bareli	Lalganj	Hamir Gaon	395	262	657	13	8	5
Rae Bareli	Rae Bareli	Shora	618	237	855	13	9	4
Rampur	Milak	Bhaunrka	382	111	493	13	10	3
Rampur	Milak	Pipla Shivnagar	548	104	652	13	11	2
Saharanpur	Behat	Rasoolpur Kalan	382	246	628	13	8	5
Saharanpur	Nakur	Shah Alipur Urf Hamidpur	895	96	991	13	12	1
Sambhal	Gunnaur	Lahara Bhur	809	208	1017	13	10	3
Sambhal	Gunnaur	Bhikampur Jaini	1705	838	2543	13	9	4
Sant Kabeer Nagar	Mehdawal	Pachnewri	155	143	298	13	7	6
Sant Kabeer Nagar	Ghanghata	Mallheypur	272	111	383	13	9	4
Sant Ravidas Nagar	Gyanpur	Gerai	228	338	566	13	5	8
Sant Ravidas Nagar	Gyanpur	Purwa Uparwar	539	450	989	13	7	6
Shahjahanpur	Shahjahanpur	Dadroul	235	58	293	13	10	3
Shahjahanpur	Shahjahanpur	Daniapur	362	72	434	13	11	2
Shahjahanpur	Shahjahanpur	Bijlipura, Brij Vihar Colony - Ward No.9	604	196	800	13	10	3
Shahjahanpur	Jalalabad	Raphiya Bad Kalan	796	313	1109	13	9	4
Shamli	Kandhla	Kandhla (MB) - Ward No.24	796	51	847	13	12	1
Shravasti	Bhinga	Baragijot	263	335	598	13	6	7
Siddharth Nagar	Bansi	Mithwal Buzurg	135	113	248	13	7	6

Siddharth Nagar	Domariyaganj	Banjarhwa	267	20	287	13	12	1
Siddharth Nagar	Naugarh	Birdpur No.4	280	136	416	13	9	4
Siddharth Nagar	Naugarh	Birdpurno.1	282	252	534	13	7	6
Sitapur	Laharpur	Nevada Navagaon	142	238	380	13	5	8
Sitapur	Laharpur	Amaura Banai Rama	341	360	701	13	6	7
Sitapur	Laharpur	Din Dayal Pur Fateh Malla Pur	370	390	760	13	6	7
Sitapur	Misrikh	Bhitholi	724	479	1203	13	8	5
Sonbhadra	Robertsganj	Peetha	246	472	718	13	4	9
Sonbhadra	Robertsganj	Kanhra	561	2758	3319	13	2	11
Sultanpur	Sultanpur	Aalahaadadpur	202	320	522	13	5	8
Sultanpur	Kadipur	Kundabharopur	401	351	752	13	7	6
Unnao	Hasanganj	Darihat	194	167	361	13	7	6
Unnao	Purwa	Balia	252	238	490	13	7	6
Unnao	Purwa	Sahabad Grant	857	502	1359	13	8	5
Unnao	Purwa	Maharani Khera	959	543	1502	13	8	5
Varanasi	Varanasi	Chaubepur Khurd	58	606	664	13	1	12
Varanasi	Varanasi	Lerhupur (Ct)	76	700	776	13	1	12
		TOTAL	115621	70307	185928	2392	1454	938

*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
 e: Cattle

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

Unreserved Villages 174
 Reserved Villages 10
 Total Samples 2392

2262
 130

2392

FMD/SEROMON/NIVEDI/ROUND-IV/Uttarakhand_34/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 5715

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.025

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 132 (+1 Reserved Village)

Total No of Animals to be Sampled = 1716

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Almora	Dwarahat	Dhanyari	10	102	112	13	1	12
Almora	Jalai	Khalna	27	98	125	13	3	10
Almora	Jainti	Bas Gaon	67	60	127	13	7	6
Almora	Bhanoli	Palri Gunth	96	40	136	13	9	4
Almora	Sult	Kalijhipa Rajwar	65	112	177	13	5	8
Almora	Someshwar	Lod Batuliya	29	152	181	13	2	11
Almora	Dwarahat	Manela	49	143	192	13	3	10
Almora	Syalde	Gwali	145	69	214	13	9	4
Almora	Ranikhet	Walana	23	204	227	13	1	12
Almora	Jainti	Pubhaun	140	88	228	13	8	5
Almora	Chaukhutiya	Farika	89	146	235	13	5	8
Almora	Ranikhet	Shilingi	26	216	242	13	1	12
Almora	Sult	Bhondada	44	206	250	13	2	11
Almora	Chaukhutiya	Udalikhan	30	238	268	13	1	12
Almora	Chaukhutiya	Bhalt Gaon	61	208	269	13	3	10
Almora	Sult	Buraspani	149	211	360	13	5	8
Almora	Chaukhutiya	Khira	111	309	420	13	3	10
Bageshwar	Bageshwar	Bageshwar (MB) - Kathayatwada Ward No. 7	11	107	118	13	1	12
Bageshwar	KAPKOT	Kapkot (NP) - Pollydungra Ward No. 6	59	81	140	13	5	8
Bageshwar *	Dungnakuri	Karuli	92	83	175	13	7	6
Bageshwar	Bageshwar	Bheruchaibatta	67	146	213	13	4	9
Bageshwar	Kafilgair	Bohala	189	134	323	13	8	5
Bageshwar	Bageshwar	Bageshwar (MB) - Bilonasera Ward No.1	150	310	460	13	4	9
Bageshwar	Garud	Munyura Mafi	99	623	722	13	2	11
chamoli	Narayanagar	Lodhala	17	87	104	13	2	11
chamoli	Tharali	Dhalu	52	102	154	13	4	9
chamoli	Tharali	Dewal Gwar	58	114	172	13	4	9
chamoli	Gochar	Gochar (MB) - Panaai Malli Ward No.1	18	236	254	13	1	12
chamoli	Narayanagar	Silaudi	42	240	282	13	2	11
chamoli	Gairsain	Pajyana Malla	30	265	295	13	1	12
chamoli	Joshimath	Pagnau	4	334	338	13	0	13

chamoli	PIPALKOTI	Peepalkoti (NP)-Naurakh Peepalkoti Ward No 1	1	375	376	13	0	13
chamoli	Gairsain	Rohira	302	332	634	13	6	7
chamoli	Chamoli	Dewar Khandora	57	710	767	13	1	12
Champawat	Barakot	Netra	40	64	104	13	5	8
Champawat	Barakot	Gwenada	22	130	152	13	2	11
Champawat	Manch	Ramailla	69	143	212	13	4	9
Champawat	Lohaghat	Jankande	3	249	252	13	0	13
Champawat	Pulla Gumdesh	Binda Tiwari	84	243	327	13	3	10
Champawat	Champawat	Champawat (MB) - Naagnath Ward No.7	6	471	477	13	0	13
Dehradun	Chakrata	Virpa	6	140	146	13	1	12
Dehradun	Doiwala	Sangatiya Walakhurd	7	217	224	13	0	13
Dehradun	Vikas Nagar	Dhulkot Mafi	54	242	296	13	2	11
Dehradun	Tyuni	Jhitand	0	357	357	13	0	13
Dehradun	Vikas Nagar	Misraspatti	7	356	363	13	0	13
Dehradun	Vikas Nagar	Rampur Khurd	126	454	580	13	3	10
Dehradun	Vikas Nagar	Shahpur Kalyanpur	171	543	714	13	3	10
Dehradun	Rishikesh	Shiddar Wala	150	986	1136	13	2	11
Dehradun	Vikas Nagar	Jaman Khata	363	782	1145	13	4	9
Haridwar	Hardwar	Hardwar (M.Corp)-Chakaalan Ward No 48	11	117	128	13	1	12
Haridwar	Laksar	Nyamatpur	218	181	399	13	7	6
Haridwar	Roorkee	Harjauli Jhojha	616	193	809	13	10	3
Haridwar	Haridwar	Bhuwapur Chamrawal	555	310	865	13	8	5
Haridwar	Narsan	Bijhauri	858	204	1062	13	11	2
Haridwar	Bhagwanpur	Jalalpur Dada	723	744	1467	13	6	7
Haridwar	Laksar	Bharuwala	789	939	1728	13	6	7
Nainital	Dhari	Kokil Bana	3	137	140	13	0	13
Nainital	Betalghat	Sooka	52	97	149	13	5	8
Nainital	Haldwani	Daulabadpur	42	150	192	13	3	10
Nainital	Dhari	Sooni	58	234	292	13	3	10
Nainital	Ramnagar	Sewal Khaliya	92	202	294	13	4	9
Nainital	Nainital	Mahrora	95	224	319	13	4	9
Nainital	Lalkuan	Padampur Dewaliya	64	319	383	13	2	11
Nainital	Lalkuan	Phatta Bangar	171	419	590	13	4	9
Nainital	Nainital	Darima	126	481	607	13	3	10
Nainital	Kaladhungi	Awala Khot	159	741	900	13	2	11
Pauri Garhwal	Lansdowne	Kunti	0	103	103	13	0	13
Pauri Garhwal	Yamkeshwar	Timali Bari	2	108	110	13	0	13
Pauri Garhwal	Lansdowne	Lweetha Lagga Matholi	0	123	123	13	0	13
Pauri Garhwal	Dhoomakot	Nalai Palli	58	84	142	13	5	8
Pauri Garhwal	Lansdowne	Hilogi	2	141	143	13	0	13
Pauri Garhwal	Bironkhal	Kakroda	25	127	152	13	2	11

Pauri Garhwal	Dhoomakot	Otinda Gaon	12	144	156	13	1	12
Pauri Garhwal	Yamkeshwar	Silsari	0	161	161	13	0	13
Pauri Garhwal	Pauri	Kesundar	18	147	165	13	1	12
Pauri Garhwal	Chakisain	Rekholi	106	83	189	13	7	6
Pauri Garhwal	Kotdwara	Velda Bada	0	190	190	13	0	13
Pauri Garhwal	Pauri	Chouphinda	7	198	205	13	0	13
Pauri Garhwal	Dhoomakot	Ranchhet Moxen	43	164	207	13	3	10
Pauri Garhwal	Srinagar	Chandi Gaon	9	219	228	13	1	12
Pauri Garhwal	Kotdwara	Kotdwara (M.Corp) - Sitabpur Ward No.16	3	264	267	13	0	13
Pauri Garhwal	Dhoomakot	Semdi	88	191	279	13	4	9
Pauri Garhwal	Kotdwara	Kotdwara (M.Corp) - Sibunagar Ward No.23	0	286	286	13	0	13
Pauri Garhwal	Thailisain	Mansari	80	246	326	13	3	10
Pauri Garhwal	Kotdwara	Kotdwara (M.Corp) - Balasaud Ward No.24	0	329	329	13	0	13
Pauri Garhwal	Thailisain	Dadoli Malli	92	278	370	13	3	10
Pauri Garhwal	Thailisain	Eithi	133	253	386	13	4	9
Pauri Garhwal	Bironkhal	Sili Malli	104	302	406	13	3	10
Pauri Garhwal	Kotdwara	Kotdwara (M.Corp) - Udayrampur Navavaad Ward No.34	0	727	727	13	0	13
Pithoragarh	Thal	Tarkhet	25	95	120	13	3	10
Pithoragarh	Thal	Machchikhet	69	73	142	13	6	7
Pithoragarh	Pithoragarh	Bharkatiya Joshi	1	172	173	13	0	13
Pithoragarh	nagar panchayat berinag	Berinaag(NP) - Lakshmi Nagar Ward No. 6	42	156	198	13	3	10
Pithoragarh	Gangolihat	Dharari Nainoli	52	150	202	13	3	10
Pithoragarh	Kanalichina	Dhath khola	68	169	237	13	4	9
Pithoragarh	Gangolihat	Badena	132	119	251	13	7	6
Pithoragarh	Dharchula	Sirkha	0	296	296	13	0	13
Pithoragarh	Dharchula	Tankul	3	331	334	13	0	13
Pithoragarh	Pithoragarh	Pithoragarh Sera Punedi (MB) - Ward No.15	0	364	364	13	0	13
Pithoragarh	Bangapani	Bangapani	99	325	424	13	3	10
Pithoragarh	Munsiari	Josha	12	427	439	13	0	13
Rudraprayag	Jakholi	Sisau	36	112	148	13	3	10
Rudraprayag	Ukhimath	Ukhimath (NP) - Bhateshwer Ward No.4	56	206	262	13	3	10
Rudraprayag	Jakholi	Lauga	114	184	298	13	5	8
Rudraprayag	Ukhimath	Maikhanda	39	419	458	13	1	12
Rudraprayag	Basukedar	Khor	95	364	459	13	3	10
Tehri Garhwal	Kandisaur	Idiyan	78	36	114	13	9	4
Tehri Garhwal	Narendra Nagar	Kharsh	72	73	145	13	6	7
Tehri Garhwal	Pratapnagar	Mishrawan Gaon	75	81	156	13	6	7
Tehri Garhwal	Kandisaur	Raidoni	68	101	169	13	5	8
Tehri Garhwal	Nainbag	Aindi	67	118	185	13	5	8
Tehri Garhwal	Dhanaulti	Papara	52	150	202	13	3	10
Tehri Garhwal	Pratapnagar	Khetpali	43	160	203	13	3	10

Tehri Garhwal	Pawkidivi	Silkani	156	86	242	13	8	5
Tehri Garhwal	Dhanaulti	Dhaura Giri	58	204	262	13	3	10
Tehri Garhwal	Ghansali	Anthawal Gaon	88	187	275	13	4	9
Tehri Garhwal	Dhanaulti	Banda Lagga Bait	58	221	279	13	3	10
Tehri Garhwal	Ghansali	Dung	156	144	300	13	7	6
Tehri Garhwal	Dhanaulti	Chhanan Gaon Maundar Bhimal Ki	85	237	322	13	3	10
Udham Singh Nagar	Sitarganj	Sitarganj (MB) - Chintimajra Ward No. 1	92	79	171	13	7	6
Udham Singh Nagar	Jaspur	Bagwara	56	161	217	13	3	10
Udham Singh Nagar	Kichha	Pateri	145	227	372	13	5	8
Udham Singh Nagar	Kichha	Jawahar Nagar	70	384	454	13	2	11
Udham Singh Nagar	Jaspur	Jagatpur Patti	168	351	519	13	4	9
Udham Singh Nagar	Gadarpur	Khanpur Paschim	391	275	666	13	8	5
Udham Singh Nagar	Bajpur	Namoono	448	283	731	13	8	5
Udham Singh Nagar	Bajpur	Gajraola	610	347	957	13	8	5
Uttarkashi	Puraula	Shikaru	14	115	129	13	1	12
Uttarkashi	Chinyalisaur	Badalda	89	80	169	13	7	6
Uttarkashi	Rajgarhi	Kwari	23	169	192	13	2	11
Uttarkashi	Mori	Gurari	4	242	246	13	0	13
Uttarkashi	Puraula	Pora	28	371	399	13	1	12
Uttarkashi	Mori	Salra	5	468	473	13	0	13
		TOTAL	12973	32130	45103	1729	430	1299

*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
e: Cattle

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

Unreserved Villages 132
Reserved Villages 1
Total Samples

1716
13
1729

FMD/SEROMON/NIVEDI/ROUND-IV/West Bengal_35/2023**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 150 + (Cattle + Buffalo) = 17495

Design Level Prevalence = 0.2

Cluster Level Prevalence = 0.0225

Sensitivity of the test used = 0.9

Specificity of the test used = 0.9

Total No of Villages (Clusters) Selected = 147 (+6 Reserved Villages)

Total No of Animals to be Sampled = 1911

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffaloes (d)	Cattle (e)	Buffalo + Cattle (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
24 Paraganas North	Bangaon	Bangaon (M) - Ward No.7	0	275	275	13	0	13
24 Paraganas North	Taki	Taki (M) - Ward No.14	0	350	350	13	0	13
24 Paraganas North	Habra - II	Khorddabamonia (Ct)	32	329	361	13	1	12
24 Paraganas North	Kamarhati	Kamarhati (M) - Ward No.8	349	43	392	13	12	1
24 Paraganas North	Rajarhat	Nawabad	0	801	801	13	0	13
24 Paraganas North	Hingalganj	Dulduli	0	1813	1813	13	0	13
24 Paraganas North	Minakhan	Baukhola	0	1897	1897	13	0	13
24 Paraganas North	Kamarhati	Kamarhati (M) - Ward No.7	3404	219	3623	13	12	1
24 Paraganas South	Kulpi	Kulpi	0	219	219	13	0	13
24 Paraganas South *	Canning - I	Paranikheko	0	439	439	13	0	13
24 Paraganas South	Basanti	Basanti (Ct)	0	536	536	13	0	13
24 Paraganas South	Bhangar - I	Phulbari Bamunia	0	562	562	13	0	13
24 Paraganas South	Mandirbazar	Dulalpur (K)	0	570	570	13	0	13
24 Paraganas South	Patharpratima	Paschim Dwarakapur	0	1275	1275	13	0	13
24 Paraganas South	Sagar	Sapkholi	0	2278	2278	13	0	13
24 Paraganas South	Namkhana	Patibania	0	2958	2958	13	0	13
24 Paraganas South	Sagar	Haradhanpur	0	3953	3953	13	0	13
Alipurduar	Madarihat	Bandapani Tea Garden	33	1645	1678	13	0	13
Alipurduar	Madarihat	Nangdala Tea Garden	15	2076	2091	13	0	13
Bankura	Onda	Shalihan	0	227	227	13	0	13
Bankura	Gangajalghati	Kallapur	2	271	273	13	0	13
Bankura	Onda	Tella	6	300	306	13	0	13
Bankura *	Vishnupur	Chanchar	23	416	439	13	1	12
Bankura	Saltora	Kukhrakuri	16	459	475	13	0	13
Bankura	Sarenga	Barajamabedya	44	470	514	13	1	12
Bankura	Raipur	Debsol	6	554	560	13	0	13
Bankura	Jaypur	Chhatra Ara	11	658	669	13	0	13
Bankura	Jaypur	Makarandapur	51	1004	1055	13	1	12
Bankura	Simlapal	Pathardoba	0	1057	1057	13	0	13
Bankura	Saltora	Dightor	38	1227	1265	13	0	13
Bankura	Indus	Chichinga	8	1480	1488	13	0	13
Bardhaman	Ketugram - I	Bira	4	299	303	13	0	13
Bardhaman	Galsi - II	Bharichha	4	358	362	13	0	13
Bardhaman	Khandaghosh	Masila	2	600	602	13	0	13

Bardhaman	Raina - li	Chak Mastafa	8	656	664	13	0	13
Bardhaman	Mangolkote	Syambazar	12	917	929	13	0	13
Bardhaman	Ketugram - li	Khenabanda	216	926	1142	13	2	11
Bardhaman *	Purbasthali - li	Nimdaha	2	1157	1159	13	0	13
Bardhaman	Raina - li	Baje Kowarpur	57	1504	1561	13	0	13
Birbhum	Dubrajpur	Kumarbundra	0	189	189	13	0	13
Birbhum	Nalhati - li	Nakpur	45	392	437	13	1	12
Birbhum	Nalhati - li	Nidhia	32	523	555	13	1	12
Birbhum	Suri - I	Naodiha	19	571	590	13	0	13
Birbhum	Murarai - li	Habispur	2	680	682	13	0	13
Birbhum	Mayureswar - I	Kot	2	826	828	13	0	13
Birbhum	Rampurhat - I	Shrikrishnapur Pakhuria	0	907	907	13	0	13
Birbhum	Nanoor	Sajnor	4	2126	2130	13	0	13
Coochbehar *	Sitalkuchi	Nagar Singimari	0	193	193	13	0	13
Coochbehar	Sitalkuchi	Madhyam Madhusudan	0	518	518	13	0	13
Coochbehar	Mekliganj	Chhat Nijtaraf	77	771	848	13	1	12
Coochbehar	Cooch Behar - I	Pethbata Maghpala	2	1091	1093	13	0	13
Coochbehar	Dinhata - I	Chhoto Boalmari	0	1450	1450	13	0	13
Coochbehar	Dinhata - I	Gitaldaha Ataibari	17	3138	3155	13	0	13
Darjeeling	Phansidewa	Liusipukuri	0	609	609	13	0	13
Darjeeling	Kharibari	Gandagal	12	866	878	13	0	13
Darjeeling	Kurseong	Sittong Forest	0	1139	1139	13	0	13
Dinajpur Dakshin	Balurghat	Chhoto Raghnathpur	0	197	197	13	0	13
Dinajpur Dakshin	Kushmundi	Abuhar	0	309	309	13	0	13
Dinajpur Dakshin	Kumarganj	Gholdara	0	434	434	13	0	13
Dinajpur Dakshin	Kushmundi	Kakair	0	503	503	13	0	13
Dinajpur Dakshin	Gangarampur	Gangarampur (M) - Ward No.10	0	541	541	13	0	13
Dinajpur Dakshin	Balurghat	Gongasagar	0	681	681	13	0	13
Dinajpur Uttar	Goalpokhar - I	Balichuka Purbba	0	251	251	13	0	13
Dinajpur Uttar *	Dalkhola	Dalkhola (CT) - Ward No.11	0	454	454	13	0	13
Dinajpur Uttar	Itahar	Shurun	3	538	541	13	0	13
Dinajpur Uttar	Goalpokhar - I	Gidrugachh	0	653	653	13	0	13
Dinajpur Uttar	Islampur	Kundargaon	201	904	1105	13	2	11
Dinajpur Uttar	Chopra	Choagari	2	1107	1109	13	0	13
Dinajpur Uttar	Hemtabad	Bamair	15	2070	2085	13	0	13
Hooghly	Khanakul - I	Madhabkundu	0	210	210	13	0	13
Hooghly	Arambag	Arambag (M) - Ward No.7	0	364	364	13	0	13
Hooghly	Khanakul - I	Kaiba	0	435	435	13	0	13
Hooghly	Goghat - li	Laskarpukur	8	598	606	13	0	13
Hooghly	Arambag	Arambag (M) - Ward No.11	6	629	635	13	0	13
Hooghly	Pandua	Piragram	4	858	862	13	0	13
Hooghly	Arambag	Eadpur	4	1034	1038	13	0	13
Hooghly	Goghat - I	Syamballabpur	17	1467	1484	13	0	13
Howrah	Arta - li	Jhikhira	0	356	356	13	0	13
Howrah *	Bagnan - I	Kalyanpur (Ct)	0	528	528	13	0	13

Howrah	Udaynarayanpur	Dihi Bhursut	0	688	688	13	0	13
Jalpaiguri	Matali	Mangalbari (Ct)	0	1280	1280	13	0	13
Jalpaiguri	Dhupguri	Chanadipa (D)	4	2080	2084	13	0	13
Jhargram	Sankrail	Itamaro	0	157	157	13	0	13
Jhargram	Jamboni	Bhelai Tikri	18	211	229	13	1	12
Jhargram	Binpur - II	Shiyarbinda	8	298	306	13	0	13
Jhargram	Jhargram	Chandri	6	438	444	13	0	13
Jhargram	Jhargram	Kayema	10	439	449	13	0	13
Jhargram	Sankrail	Baburbani	92	408	500	13	2	11
Jhargram	Jamboni	Guilyara	0	541	541	13	0	13
Jhargram	Nayagram	Kul Dihা	9	637	646	13	0	13
Jhargram	Jhargram	Barjudi	16	646	662	13	0	13
KALIMPONG	Kalimpong - II	Ladam Khasmahal	0	961	961	13	0	13
Maldah	Ratua - I	Purbba Kamalpur	0	191	191	13	0	13
Maldah	English Bazar	Naya Guimalati	0	440	440	13	0	13
Maldah	English Bazar	Madia	0	460	460	13	0	13
Maldah	Chanchal - II	Gobindapara	2	603	605	13	0	13
Maldah	Gazole	Bandhail (Ct)	17	940	957	13	0	13
Maldah	Manikchak	Jitmanpur	333	869	1202	13	4	9
Medinipur East	Contai - III	Kancheshwar	0	151	151	13	0	13
Medinipur East	Bhagawanpur - II	Purbba Bajari	0	251	251	13	0	13
Medinipur East	Bhagawanpur - II	Idalbar	0	263	263	13	0	13
Medinipur East	Potashpur - II	Samashpur	0	408	408	13	0	13
Medinipur East	Contai	Contai (M) - Ward No.17	0	472	472	13	0	13
Medinipur East	Nanda Kumar	Alasuli	0	488	488	13	0	13
Medinipur East	Nanda Kumar	Naradari	0	595	595	13	0	13
Medinipur East	Haldia	Dwari Berya	0	623	623	13	0	13
Medinipur East	Potashpur - I	Chhara Dighi	0	677	677	13	0	13
Medinipur East	Moyna	Garmayna	0	697	697	13	0	13
Medinipur East	Sutahata	Ataphala	0	719	719	13	0	13
Medinipur East	Deshopran	Anurai Belya Chatta	0	750	750	13	0	13
Medinipur West	Debra	Bakalsebakram	0	179	179	13	0	13
Medinipur West	Kharagpur - II	Akra Markandapur	0	185	185	13	0	13
Medinipur West	Ramjibpur	Ramjibpur (M) - Ward No.5	16	265	281	13	1	12
Medinipur West	Midnapore	Bhadule	39	271	310	13	2	11
Medinipur West	Mohanpur	Chakrapada	0	337	337	13	0	13
Medinipur West	Midnapore	Gurgurpal	6	386	392	13	0	13
Medinipur West	Salbani	Damakata	30	370	400	13	1	12
Medinipur West	Kharagpur - I	Sushnia	0	403	403	13	0	13
Medinipur West	Keshpur	Sadhak Chak	0	509	509	13	0	13
Medinipur West	Dantan - II	Kurul	0	556	556	13	0	13
Medinipur West	Salbani	Abhaya	64	506	570	13	1	12
Medinipur West	Sabang	Kundara	0	624	624	13	0	13
Medinipur West	Ghatal	Marichya	0	627	627	13	0	13
Medinipur West	Keshiary	Panchyar	0	785	785	13	0	13

Medinipur West	Sabang	Kolanda	0	799	799	13	0	13
Medinipur West	Kharagpur	Kharagpur (M) - Ward No.6	0	932	932	13	0	13
Medinipur West	Keshpur	Chenchura	0	951	951	13	0	13
Medinipur West	Keshpur	Gobardda	0	1047	1047	13	0	13
Murshidabad	Sagardighi	Char Sundarpur	8	189	197	13	1	12
Murshidabad	Burwan	Kantur	2	344	346	13	0	13
Murshidabad	Farakka	Bhairab Danga	11	516	527	13	0	13
Murshidabad	Nabagram	Mehenedarga	0	704	704	13	0	13
Murshidabad	Hariharpara	Dasturpara	19	1434	1453	13	0	13
Murshidabad	Raghunathganj - I	Srikantabati (Ct)	0	1903	1903	13	0	13
Murshidabad	Sagardighi	Gangadda	12	2166	2178	13	0	13
Nadia	Chakdah	Muktipara	0	195	195	13	0	13
Nadia	Nabadwip	Nabadwip (M) - Ward No.18	2	404	406	13	0	13
Nadia	Ranaghat - II	Uttar Dhakuria	0	497	497	13	0	13
Nadia	Karimpur - II	Gaubari	2	608	610	13	0	13
Nadia	Tehatta - II	Komthana	11	1059	1070	13	0	13
Nadia	Nakashipara	Gobipur	16	1620	1636	13	0	13
PASCHIM BARDHAMAN	Kanksa	Jamban	0	551	551	13	0	13
PASCHIM BARDHAMAN	Jamuria	Topsi (Ct)	15	1004	1019	13	0	13
Purulia	Purulia - I	Kultanr Alias Nadiara	39	179	218	13	2	11
Purulia	Santuri	Pachandapur	4	249	253	13	0	13
Purulia	Kashipur	Sumaidi	7	321	328	13	0	13
Purulia	Puncha	Gangadi	90	311	401	13	3	10
Purulia	Bundwan	Baratalpat	52	409	461	13	1	12
Purulia	Jaipur	Chhatka	151	350	501	13	4	9
Purulia	Arsha	Sadpuara	60	639	699	13	1	12
Purulia	Santuri	Baltora	14	724	738	13	0	13
Purulia	Manbazar - I	Hatilada Gurtupa	38	708	746	13	1	12
Purulia	Para	Pareshya	20	939	959	13	0	13
		TOTAL						

*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
e: Cattle

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

Unreserved Villages 147
Reserved Villages 6
Total Samples

1911
78
1989

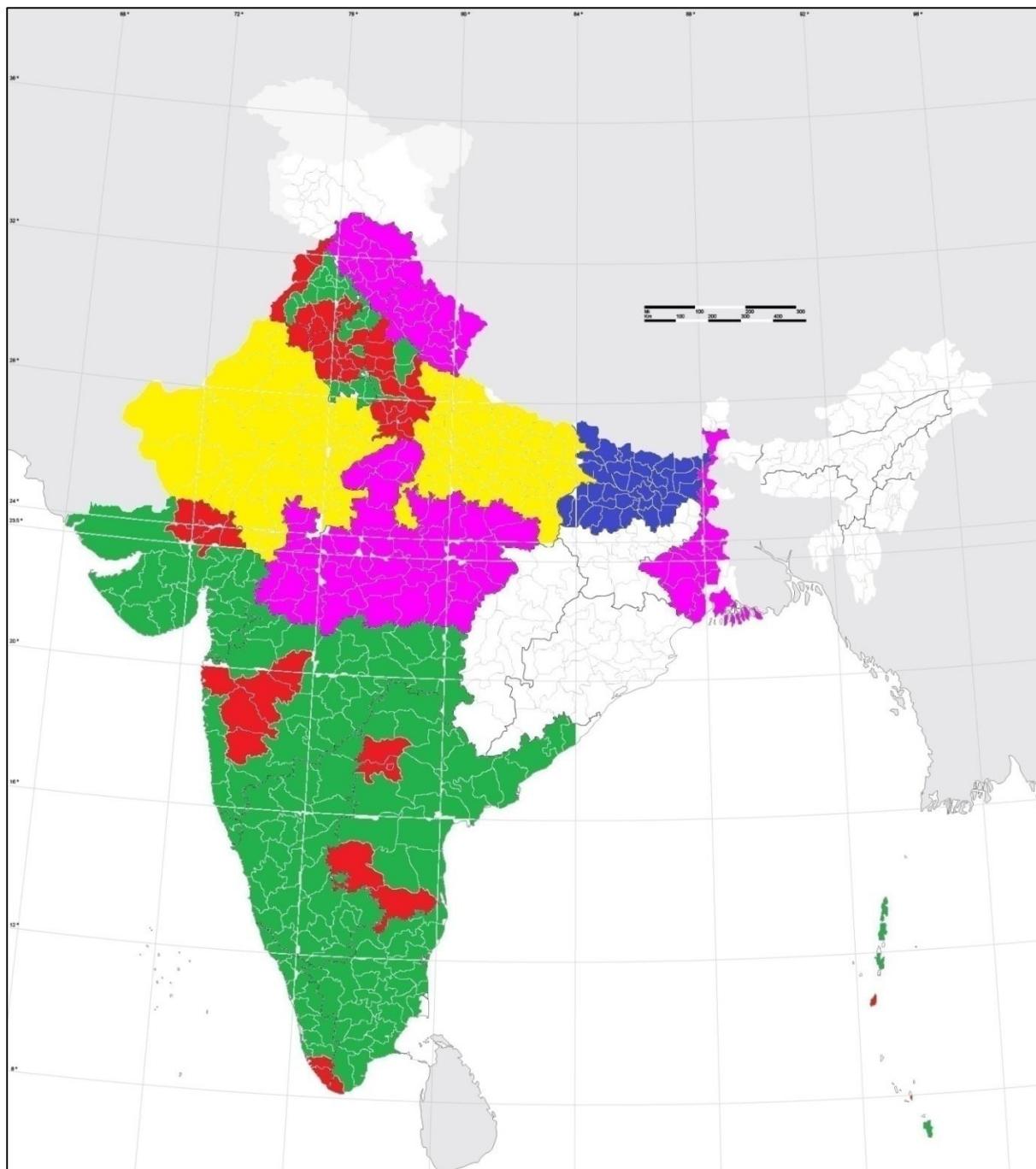


Fig. Phases of FMD Control Program. **Phase I:** 54 districts were covered since the year 2003-04 (filled Red). **Phase II:** 167 districts were covered since the year 2010-11(filled Green).**Phase III:** 110 districts were covered since the year 2013-14 (filled Yellow). **Phase IV:** 38 districts were covered since the year 2015-16(filled Blue). **Phase V:** 91 districts were covered since the year 2017-18 (filled Pink). **Phase VI:** 308 districts were covered since the year 2018-19 (filled white).