



Hand Book
on
Action Plan for Monitoring of Classical swine fever during implementation
of Control Programme (CSF-CP) under NADCP/LH&DC
(2022-23 to 2025-26)



मत्स्यपालन, पशुपालन और डेयरी मंत्रालय
MINISTRY OF FISHERIES,
ANIMAL HUSBANDRY AND DAIRYING



**ICAR-National Institute of Veterinary Epidemiology
and Disease Informatics (NIVEDI), Yelahanka,
Bengaluru-560064, India**



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Introduction

India has 9.06 millions of pigs as per 20th Livestock Census and 47% of them are in north eastern India (DAHD, 2019). Further, in Mizoram, people are culturally and socially bound by household pig rearing. There is a reduction of 12.03% in pig population compared to 19th Livestock Census. Pigs are mostly reared by socio-economically disadvantaged people whose livelihood is affected if pigs die due to diseases and the classical swine fever is the most common disease affecting pigs in India. CSF is a highly contagious, dreadful disease affecting susceptible domestic and wild pigs causing 100% mortality in piglets and varying symptoms/signs in adult pigs depending on age, breed, and virulence of virus. With increasing age of the infected pigs the clinical signs are less specific and recovery with production of antibodies can occur. Hence, more seropositivity in adult animals. CSF is caused by CSF virus belonging to the genus *Pestivirus*, family *Flaviviridae*. CSF is endemic in India. All states of India have reported seropositivity of CSFV antibodies.

Table. 1. Region wise details of pig serum samples tested for CSF antibodies in India (Patil et al., 2021)

Region	No Tested	No Positive	Percent Positivity
North	759	241	31.75
East	522	208	39.85
North East	3607	1398	38.76
South	367	111	30.25
West	326	182	55.83
Central	267	113	42.32
Total	5848	2253	38.52

There is a dearth of availability of vaccine in India and vast majority of pigs are not vaccinated against CSF.

CSFV antibodies were detected in majority of pigs that survived the virus infection and were the potential source of virus infection to the other susceptible animals. It is explained in the context of high seropositivity in spite of not vaccinating. At the same time CSFV infection causes 100% mortality in piglets

Therefore, a continuous surveillance of CSF in pigs is the best method to be adopted to prevent the spread of disease and to formulate control strategies. Additionally, upon vaccinating the

animals, detection of vaccinal antibodies in the herd is of prime most important towards the assessment of herd immunity and subsequently leading to the eradication of disease.

ICAR-National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI) is conducting surveillance of livestock diseases regularly and advising the state animal husbandry departments as an advisory to take appropriate intervention in controlling the disease. **With this background, following objective is planned**

1. Monitoring of Classical swine fever during implementation of Control Programme (CSF-CP)

ACTION PLAN (SOP)

CSF CP: ICAR-NIVEDI is committed to work actively under the LH& DC: CSF-CP with active support from other stakeholders

The CSF Ab Check kit developed by ICAR-NIVEDI is for detection of antibodies against CSF and is not capable of differentiating vaccinated from infected animal.

CSF Ab Check Kit (ICAR-NIVEDI) will be used for seromonitoring with the sampling strategies as described in the following sections

Strategy of vaccination: Yearly

Questions to be answered by ICAR-NIVEDI with active support from other stakeholders during the course of the control program:

1. What is the baseline antibody level in the population?
2. What is the Year-wise progressive response of the animal to blanket vaccination?
3. What is the progressive herd/population immunity level in time series (five years)?
4. What is the status of outbreak of the disease in the population during the control program-
Spatial and temporal mapping at village-taluk/district level covering entire India to define the true hotspots?
5. What is the changing pattern in terms of course of the clinical disease and pathogenesis including strain variation, if any, during the period of control program?

6. What is the progressive status of the infection/disease in other/unusual hosts during the control program?
7. What is the progressive syndromic/clinical surveillance picture during the control program?

Rationale for the above questions:

1. Pre vaccination serum samples from pigs above 3 months of age (maternal antibodies will be absent) will be collected randomly at each round of vaccination in order to assess the antibody level in pigs that will be almost nil and that becomes the baseline information.
2. As the vaccination of pigs continues yearly, it is presumed that the significant rise in antibody level in each animal would be attained. Measurement of antibody as seromonitoring would throw light on how efficient was the response from pigs to each rounds of yearly vaccination.
3. After completion of each round of vaccination starting from the beginning year, protective antibody level in herd/population is expected to increase and maintained in increasing population progressively with each year of vaccination. The surveillance of the population planned would throw light on how effectively the population immunity has increased over the period of 5 years of vaccination.
4. Disease outbreak should gradually be reduced as the yearly vaccination progresses. However, some disease outbreaks may be/will be recorded at village/taluk level, which however, is supposed to gradually reduce as the yearly vaccination progresses. Recording the yearly outbreaks during the course of the control program and mapping of the regions progressively would provide clear picture of the impact of vaccination towards control of the disease and the hotspots of outbreak. Further, this will also inform the special attention in strategic interventions required for effectiveness.
5. During the course of progressive yearly vaccination, as the susceptible animal reduces in the population, there are likely chances of changes in the pathogen leading to changes in pathogenesis/pattern of disease/course of the disease. This changes in the pathogen strain variation may lead to escape from the vaccinal antibody onslaught in the host. Monitoring these changes in host response/ strain variations are of immense importance to understand the effectiveness of the vaccination and the course correction/strategic intervention required if any
6. Progressively as the vaccination programme continues covering a large population of pigs under blanket vaccination with the establishment of herd immunity, the infection/disease is likely to

spill over to wild boars wherever there is an interface existing between domestic and wild boar/pig population. Such population should be closely monitored to understand if the virus is trying to escape and hide in the unusual host due to the pressure exerted by vaccination in natural host.

7. During the control programme as the immunity level increases, the occurrence of the infection/disease is likely to be reduced due to reduced transmission rate. At the field level, veterinarians' clinical/syndromic observation with systematic recording would inform the changing pattern over time during the course of the control program.
8. Herd/population immunity is expected to be more than 80% at the end of five years' of vaccination/control programme. Continuous monitoring over the control program would inform the actual status of population immunity attained at the end of the period.

Technical Guidelines

The Work Plan (Year wise) for ICAR-NIVEDI for the success of CSF-CP:

Seromonitoring and surveillance:

Strategy of Vaccination: Yearly

I. Seromonitoring

(1)-1st Year

Vaccination: The pigs of 3 months and above will be vaccinated.

- (i) **Baseline survey:** The serum is collected at zero day before vaccination. Target population is of the age 3-12 months. **(Sampling Plan).**
- (ii) For seromonitoring, serum is collected between 30-50 days post vaccination. Target population is of the age 4-12 months. (Sampling Plan).

(2)-2nd Year:

-Pre-vaccination status: Serum (Sampling Plan) will be collected before 2nd round of vaccination targeting animals of 3-15 months of age for detection of antibodies against CSFV which would reflect the level of infection/exposure to the virus in the susceptible young population in the field.

-Vaccination: The pigs of 3 months and above will be vaccinated.

-Post vaccination monitoring:

-Seromonitoring: For seromonitoring, serum is collected between 30-50 days post vaccination (Sampling Plan).

- Population immunity will be checked in the age group of above 9 months of pigs after 6 months post vaccination

(3)-3rd Year:

-Pre-vaccination status: Serum (Sampling Plan) will be collected before 3rd round of vaccination targeting animals of 3-15 months of age for detection of antibodies against CSFV which would reflect the level of infection/exposure to the virus in the susceptible young population in the field.

-Vaccination: The pigs of 3 months and above will be vaccinated.

-Post vaccination monitoring:

-Seromonitoring: For seromonitoring, serum (Sampling Plan) is between 30-50 days post vaccination. Target animals of age between 4 – 12 months (primo vaccinate).

-Population immunity will be checked in the age group of above 9 months of pigs after 6 months post vaccination.

(4)-4th Year:

-Pre-vaccination status: Serum (Sampling Plan) will be collected before 4th round of vaccination targeting animals of 3-15 months of age for detection of antibodies against CSFV which would reflect the level of infection/exposure to the virus in the susceptible young population in the field.

-Vaccination: The pigs of 3 months and above will be vaccinated.

-Post vaccination monitoring:

-Seromonitoring: For seromonitoring, serum (Sampling Plan) is collected between 30-50 days' post vaccination from animals of age 4 – 12 months (primo vaccinate).

-Population immunity will be checked in the age group of above 9 months of pigs after 6 months' post vaccination.

(5)-5th Year:

Pre-vaccination status: Serum (Sampling Plan) will be collected before 5th round of vaccination targeting animals of 3-15 months of age for detection of antibodies against CSFV which would reflect the level of infection/exposure to the virus in the susceptible young population in the field.

-Vaccination: The pigs of 3 months and above will be vaccinated.

-Post vaccination monitoring:

-Seromonitoring: For seromonitoring, serum (Sampling Plan) is collected between 30-50 days post vaccination from animals of age 4 – 12 months (primo vaccinate).

-Population immunity will be checked in the age group of above 9 months of pigs after 6 months post vaccination.

II. Surveillance of CSF

Surveillance of CSF is a continuous activity conducted throughout the control programme and following are the main components of surveillance activities

(1) -Outbreak Investigation: all the outbreaks post launching vaccination under control program will be systematically investigated for course of the disease and its changing pattern including strain variations, if any, and mapping. (in close collaboration with State Animal Husbandry Departments)

(2)-Surveillance in other/unusual hosts: Wild boar and other unusual host – important in re-emergence of CSF in domestic pigs. (in collaboration with Wildlife Institute of India and State Forest Departments)

(3)-Syndromic surveillances: During the course of the control program a questionnaire based syndromic surveillance protocol will be developed by ICAR-NIVEDI and used by the field veterinarians. (in close cooperation with State Animal Husbandry Departments)

(4)-Final Surveillance: at the end of 5th year: to assess the population immunity level as a consequence of CSF-CP for five years.

Overall assessment of progress will be recorded by analyzing the seromonitoring and surveillance data, OB records, strain record, the population immunity level and status of the disease in other hosts in time series manner. Based on the assessment, futuristic strategic planning for next phase

of control programme will be drawn and communicated for policy decisions. Appropriate Sampling plans (1-15) will be provided during the time course.

Limitations of Vaccination Programme

In general, fattening pigs are slaughtered at the age of 9-12 months (100-125 kg body weight). Considering this farming practice, piglets of less than 3 months of age will be more than 13 months during the annual vaccination programme. Such animals may not be covered under vaccination plan as they are slaughtered by 12 months of age. Therefore, six monthly vaccination plan would cover such piglets.

III. Other activities:

(1)-Data management: Cumulative data management protocol will be developed at ICAR-NIVEDI and ID/password based data entry access will be provided to the centers. The data will be validated by the sample test results at ICAR-NIVEDI before final entry to master data base server at ICAR-NIVEDI. The data related to other activities as delineated would also be entered and analysed (A detailed information is given in **Annexure I**)

(2)-Sampling Strategy

Population adjusted Two -stage sampling plan for Seromonitoring of Classical Swine fever (CSF) under CSF-CP

Disease Monitoring refers to a continuous, dynamic process of collecting data about livestock health (pig) and disease events and their determinants in a given animal population over a defined time period. Infectious disease monitoring in general and Classical swine fever (CSF) in particular has become increasingly important for Veterinarians, researchers and academicians. Disease monitoring in pig population describes the ongoing efforts directed at assessing the pig population health and disease status of a given population and routine collection of information on disease, productivity and other characteristics possibly related to them in a population. Probability sampling is appropriate for achieving the disease monitoring objectives are unfamiliar among disease managers and research scientists because training for most of them is based on classical experimental design in which control, manipulation and replication are cornerstone.

Monitoring and evaluation framework shows the how animal health inputs and processes (livestock health workforce and infrastructure) are reflected in outputs (eg. Interventions and available services) that in turn are reflected in outcomes (eg. Coverage) and impact (morbidity and mortality). The added value of framework is that it brings together indicators and sources across the result chain in its entity i.e from Inputs/process, Outputs, outcomes to impacts. It is designed to address monitoring and evaluation needs for different users and multiple purposes, including

- 1) Monitoring of program inputs, process and results, required for the management of pig population health system investments
- 2) Health system performance assessment as the key-for country decision-making processes
- 3) Evaluating the results of health reform investments and identify which approaches works best.

Sample surveys mostly rely on probability sampling to choose sample units e.g. Small areas or individuals, for observation from population of interest. Probability sampling is most often used when the objective is to estimation of population protection levels, prevalence etc., In probability sampling, well defined rule or algorithm is invoked to randomly select a sample of units for observation from the list of all possible sample units (Sampling frame) that conceptually represent the population of Interest. The selection algorithms/rule and sampling frame allow us to calculate the probability that a sampling unit is included in the sample and derive the estimators for a specific sample design. Because of the selection probabilities are known, valid statistical properties of estimators can be derived, which provide the basis for evaluating the scientific credibility of the estimates. Estimation of frequency of disease/basic reproduction number/protection levels is a prerequisite to establish the disease control program, hence sampling the populations in order to estimate the disease frequency/Basic reproduction number is common task for epidemiologists. In sampling, we ensure that animals are typical of the target population that the estimate of disease frequency/basic reproduction number is unbiased and precise (low standard error). Simple random sampling, systematic or stratified random samplings are the most commonly used sampling methods in which the animal is sampling unit, provides the precise estimates of disease frequency.

Two -stage sampling plan is a form of epidemiological investigations requires the scientific sampling for collection of data on health problems includes serum samples in surveillance/monitoring in a specific population. In this sampling plan, the first sampling stage involves the selection of predetermined number of clusters (Districts, Blocks or villages), the clusters are mutually exclusive sub-population, most often constructed from recognized

administrative boundaries with the probability proportional population size. In the second stage, animals are selected from each cluster in the field based on random walk method, which identifies the center of the cluster or another easily distinguishable feature such as main street, and selecting a random direction to walk, thus drawing the sample transect across the cluster. The use of two-stage sampling has evolved to meet monitoring objectives for two reasons. First, lists of frames of animals for randomized sample selection do not typically exist at a regional or national level, but the lists of frames of herds or villages can be developed and maintained more readily.

The objectives of the sampling plan of Seromonitoring of CSF in India

1. To provide the Sampling Scheme for estimation of total number of pigs to be sampled, total number of villages (farms) to be selected, number of animals within the village/Farms to be sampled and location of villages for seromonitoring of CSF in India.

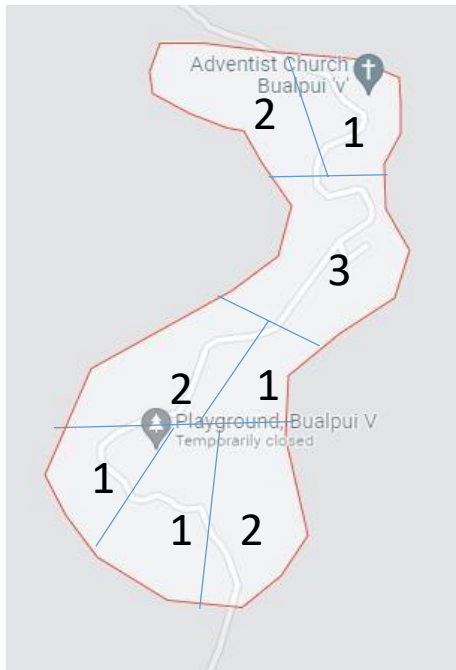
The input requirements of sampling plan were (1). 100- % of protection level has been used with conservative estimate of minimum 80% protections in the pig population after the intervention (2) cluster or village level protection level is adjusted to the size of population varying from 10% to 30% (3) sensitivity of 90% and specificity of 90% of diagnostic tests and 4. 95% for Confidence Interval /system confidence. Two -stage stratified random sampling plan was generated using in-house developed epi-calculator (https://nivedi.res.in/Nadres_v2/Epical/stratified/random_sampling.php). Whereas state and districts within each state were chosen based on population based criteria (Probability proportional to population size), blocks were randomly selected associated with number of farms/villages and samples per farm. The sampling plan will provide the guidelines for selecting villages/farms within village and its location like block, district and state level information along with livestock population, number of birds to be sampled within village/Farms and proportion of pigs to be sampled in each selected village. The summary of sampling plan generated using two-stage stratified random sampling scheme is presented in Table 1.

Table 1: Sampling plan for seromonitoring of CSF in India

Sl No	STATE	NO OF DISTRICTS	NO OF BLOCKS	Total no of Pigs	No of Animals to be Sampled	Average No of Samples Per Districts
1.	Andaman and Nicobar Islands	03	09	40488	693	231
2.	Andhra Pradesh	18	77	91958	1063	59
3.	Arunachal Pradesh	24	62	271463	1066	44
4.	Assam	36	85	2099000	2145	60
5.	Bihar	37	76	343434	1070	29
6.	Chhattisgarh	25	86	526901	2114	85
7.	Goa	2	13	35480	702	351
8.	Haryana	24	40	108240	1066	44
9.	Himachal Pradesh	9	29	2477	391	43
10.	Jharkhand	27	95	1276973	2145	79
11.	Karnataka	32	67	323836	1066	33
12.	Kerala	18	40	103863	1066	59
13.	Madhya Pradesh	42	78	164616	1071	26
14.	Maharashtra	32	64	161000	916	29
15.	Manipur	09	30	235255	1066	118
16.	Meghalaya	13	35	706364	2145	165
17.	Mizoram	08	32	292465	1066	133
18.	Nagaland	15	55	404695	1066	71
19.	Odisha	27	64	135162	909	34
20.	Punjab	25	43	52961	702	28
21.	Rajasthan	32	64	154808	862	27
22.	Sikkim	7	14	27320	702	100
23.	Tamil Nadu	29	53	66772	673	23
24.	Telangana	30	76	177992	1073	36
25.	Tripura	16	35	206035	1066	67
26.	Uttar Pradesh	64	84	408678	1066	17
27.	Uttarakhand	12	34	17659	557	46
28.	West Bengal	20	104	540356	2097	105
	Total	636	1544	8976251	31624	2142

Sampling at village level:

In a given village under block and district, hypothetically divide the entire village into 8 sections and pick the requisite number of samples from the households from each section randomly. In a Village named Bualpui NG (Block: Sangau; District: Lawngtla) in Mizoram, a total of 13 pig serum samples to be collected as shown below.



In a situation where, the distribution of pig holdings is limited, then follow the snowball technique wherein the first household/pig holdings/pig farm is visited for sampling. Subsequently visit of the next pig holding is planning based on the information provided by the previous owner.

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Andaman And Nicobar Islands_1/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 10 + (Pigs) = 192

Level of 100 - % Protection = 0.20

Village Level % $*(100 - \% \text{Protection}) = 0.06$

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 59

Total No of Animals to be Sampled = 702 (693 Restricted)

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of pigs to sample
Nicobars	Nancowry	Changua/Changup	95	13
Nicobars	Nancowry	Pilpilow	114	13
Nicobars	Great Nicobar	Pulobha/Pulobahan	132	13
Nicobars	Great Nicobar	Makhahu/Makachua	211	13
Nicobars	Nancowry	Chongkamong	328	13
Nicobars	Nancowry	Kalasi	459	13
Nicobars	Nancowry	Bengali	492	13
Nicobars	Nancowry	Japan Tikri	600	13
Nicobars	Car Nicobar	Kakana	2062	13
North And Middle Andaman	Diglipur	Amber Chad (Efa)	13	9
North And Middle Andaman	Mayabunder	Pinakinagar (Rv)	15	9
North And Middle Andaman	Mayabunder	Chainpur (Rv)	15	9
North And Middle Andaman	Mayabunder	Santipur (Rv)	16	10
North And Middle Andaman	Mayabunder	Chuglum Gum (Efa)	16	10
North And Middle Andaman	Diglipur	Vidyasagarpalli (Rv)	17	10
North And Middle Andaman	Rangat	Bakultala Part I	21	10
North And Middle Andaman	Mayabunder	Paresh Nagar (Rv)	21	10
North And Middle Andaman	Diglipur	Shyam Nagar (Rv)	28	11
North And Middle Andaman	Diglipur	Gandhi Nagar (Forest Beat)	36	11
North And Middle Andaman	Mayabunder	Karmatang Ix (Efa)	37	11
North And Middle Andaman	Diglipur	Laxmipur (Rv)	41	12
North And Middle Andaman	Diglipur	Paranghara (Rv)	51	12
North And Middle Andaman	Diglipur	Madhupur (Rv)	51	12
North And Middle Andaman	Mayabunder	Hanspuri (Rv) (Including Jpp Camps)	54	12
North And Middle Andaman	Mayabunder	Karmatang X (Efa) Incl.Bihari Plot (Efa)	57	12
North And Middle Andaman	Diglipur	Karen Basti (Efa)	59	12

North And Middle Andaman	Diglipur	Kishori Nagar (Rv)	60	12
North And Middle Andaman	Diglipur	Milangram (Rv)	63	12
North And Middle Andaman	Diglipur	Santi Nagar	66	12
North And Middle Andaman	Diglipur	Bara Dabla (Efa)	68	12
North And Middle Andaman	Diglipur	Paschim Sagar	68	12
North And Middle Andaman	Diglipur	Beach Dera (Efa)	68	12
North And Middle Andaman	Rangat	Sabari (Rv)	76	12
North And Middle Andaman	Mayabunder	Lucknow (Rv)	85	12
North And Middle Andaman	Diglipur	Shyam Nagar	87	12
North And Middle Andaman	Rangat	Uttara (Rv)	88	12
North And Middle Andaman	Rangat	Nimbutala (Rv)	101	13
North And Middle Andaman	Mayabunder	Lauki Nallaha (Efa)	159	13
North And Middle Andaman	Mayabunder	Tugapur (Rv)	243	13
South Andamans	Ferrargunj	Guptapara (Rv)	14	9
South Andamans	Ferrargunj	Hashmatabad (Rv)	14	9
South Andamans	Little Andaman	Forest Camp At 19 Km. (Fdca)	18	10
South Andamans	Ferrargunj	Kadakachang (Rv)	20	10
South Andamans	Little Andaman	Ramakrishnapur (Rv)	20	10
South Andamans	Ferrargunj	Jirkatang No. 2 (Rv)	31	11
South Andamans	Port Blair	Neil Kendra (Rv)	40	12
South Andamans	Port Blair	Radha Nagar (Rv)	43	12
South Andamans	Ferrargunj	Chouldari (Rv)	48	12
South Andamans	Port Blair	Port Blair (M CI)- Ward No. 19	54	12
South Andamans	Ferrargunj	Ferrargunj (Rv)	57	12
South Andamans	Port Blair	Govinda Nagar (Rv)	74	12
South Andamans	Little Andaman	Hut Bay (Rv)	90	13
South Andamans	Little Andaman	Netaji Nagar (Rv)	94	13
South Andamans	Little Andaman	Rabindra Nagar (Rv)	102	13
South Andamans	Ferrargunj	Shoal Bay (Rv)	140	13
South Andamans	Ferrargunj	Nayashahar (Rv)	303	13
South Andamans	Port Blair	Port Blair (M CI)- Ward No. 22	348	13
South Andamans	Port Blair	Port Blair (M CI)- Ward No. 23	429	13
South Andamans	Little Andaman	Harmender Bay (Ns)	2957	13
			Grand Total	693

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Andhra Pradesh_2/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 50 + (Pigs) = 374

Level of 100 - % Protection = 0.20

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 83 (+5 Villages Reserved)

Total No of Animals to be Sampled = 1063

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample	
Anantapur *	DHARMAVARAM	Dharmavaram (M) - Ward No.1	82	12	Reserved
Anantapur	Singanamala	Chakrayapeta	91	13	
Anantapur	Vidapanakal	Poliki	117	13	
Anantapur	Nallamada	Nallamada	184	13	
Anantapur	Peddapappur	Peddapappur	405	13	
Chittoor	Narayanavanam	Keelagaram	114	13	
Chittoor	Kalikiri	Kalikiri	155	13	
Chittoor	Ramachandrapuram	Chuttagunta Ramapuram	165	13	
Chittoor	Satyavedu	Chinna Eetivakam	173	13	
Chittoor	Madanapalle	Basinikonda (Part)	181	13	
East Godavari	Vararamachandrapuram	Sriramgiri	58	12	
East Godavari *	Uppalaguptam	Uppalaguptam	74	12	Reserved
East Godavari	Amalapuram	Vanne Chintalapudi	82	12	
East Godavari	Anaparthi	Kutukuluru	96	13	
East Godavari	Mummidivaram	Ch. Gunnepalle	115	13	
East Godavari	Ravulapalem	Lakshmipolavaram	133	13	
East Godavari	Ambajipeta	Pulletikurru	173	13	
East Godavari	Kotananduru	Kotananduru	209	13	
East Godavari	Vararamachandrapuram	Gundugudem	2073	13	
Guntur	Amaravathi	Dharanikota	80	12	
Guntur	Bhattiprolu	Addepalli	119	13	
Guntur	Cherukupalle H/O Arumbaka	Arumbaka	136	13	
Guntur	Durgi	Adigoppula	140	13	
Guntur	Thullur	Mandadam	158	13	
Krishna	Vissannapet	Vissannapet	55	12	
Krishna *	Gampalagudem	Gosaveedu	62	12	Reserved
Krishna	Tiruvuru	Ganugapadu	85	12	
Krishna	Thotlavalluru	Kanakavalli	99	13	
Krishna	Agiripalle	Agiripalle	327	13	
Krishna	Ghantasala	Ghantasala	356	13	
Kurnool	Kosigi	Jampapuram	60	12	
Kurnool	Devanakonda	Ternekal	99	13	

Kurnool	Panyam	Panyam	100	13	
Kurnool	Kurnool	Gargeyapuram	149	13	
Kurnool	Kurnool	E.Thandrapadu	168	13	
Kurnool	C.Belagal	Polakal	204	13	
Prakasam	Yerragondapalem	Yerragonda Palem	63	12	
Prakasam	Gudluru	Gudluru	87	12	
Prakasam	kanigiri	Kanigiri- Ward NO.18	120	13	
Prakasam	Singarayakonda	Mulaguntapadu (Ct)	160	13	
Prakasam	Giddalur	Kongala Veedu	320	13	
Prakasam	Addanki	Addanki- Ward no-7	520	13	
Spsr Nellore	Sydapuram	Orupalle @ Turimerla	76	12	
Spsr Nellore	Sangam	Peramana	113	13	
Spsr Nellore	Venkatagiri	Venkatagiri (CT) - Ward No.5	132	13	
Spsr Nellore	Sullurpeta	Manga Nellore	143	13	
Spsr Nellore	Sangam	Tharunavaya	177	13	
Spsr Nellore	Nellore	Nellore (M Corp. + OG) WARD NO.-0053	261	13	
Srikakulam	Hiramandalam	Hiramandalam (Ct)	66	12	
Srikakulam	Veeraghattam	Tettangi	93	13	
Srikakulam	Palakonda	Potli	99	13	
Srikakulam	Veeraghattam	Panasanandivada	100	13	
Srikakulam	Veeraghattam	Vanduva	123	13	
Srikakulam	Vangara	Patuvardhanam	153	13	
Srikakulam	Tekkali	Tekkali (Ct)	157	13	
Srikakulam	Srikakulam	Srikakulam (M) - Ward No.7	189	13	
Visakhapatanam	Kasimkota	Ammeensahabpeta	55	12	
Visakhapatanam *	Nakkapalle	Godicherla	74	12	Reserved
Visakhapatanam	Gudem Kotha Veedhi	Kondakichangi	88	12	
Visakhapatanam	Rolugunta	Kusarlapudi	90	13	
Visakhapatanam	Kasimkota	Yenugutuni	98	13	
Visakhapatanam	G.Madugula	Mallipadu	121	13	
Visakhapatanam	Chodavaram	Bennavolu	138	13	
Visakhapatanam	Gudem Kotha Veedhi	Chintalawada	142	13	
Visakhapatanam	Kasimkota	Kasimkota	147	13	
Visakhapatanam	Narsipatnam	Narsipatnam (CT) - Ward No.10	259	13	
Visakhapatanam	Dumbriguda	Jamguda	272	13	
Visakhapatanam	Butchayypeta	Vijayaramarajupeta	298	13	
Visakhapatanam	S.Rayavaram	Vakapadu	857	13	
Vizianagaram	Seethanagaram	Thamarakhandi	52	12	
Vizianagaram	Bobbili	Piridi	61	12	
Vizianagaram *	Balijipeta	Barli	95	13	Reserved

Vizianagaram	Ramabhadrapuram	Arikatota	105	13
Vizianagaram	Garugubilli	Gottivalasa	108	13
Vizianagaram	Srungavarapukota	Srungavarapukota	249	13
Vizianagaram	Salur	Salur (M) - Ward No.21	257	13
Vizianagaram	Balijipeta	Palagara	527	13
West Godavari	Tadepalligudem	Kondrupolu	60	12
West Godavari	Tadepalligudem	Kunchanapalle (Part)	100	13
West Godavari	Chintalapudi	Maddimethinagudem	110	13
West Godavari	Ganapavaram	Pippara	116	13
West Godavari	Koyyalagudem	Eduvalapalem	203	13
West Godavari	Jangareddigudem	Jangareddigudem Ward No 02	1269	13
Y.S.R.	Proddatur	Gopavaram (Ct)	89	12
Y.S.R.	BADVEL	Badvel (M) - Ward No.5	106	13
Y.S.R.	Chakrayapet	Gandikovvur	120	13
Y.S.R.	Nandalur	Tanguturu	153	13
Y.S.R.	Proddatur	Modameedipalle (Ct)	345	13
Grand Total				1063#

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

#,do not include counts of reserved villages

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Arunachal Pradesh_3/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages Having 50 + (Pigs) = 1499

Level of 100 - % Protection = 0.20

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 85 (+4 Villages Reserved)

Total No of Animals to be Sampled = 1066

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample	
Anjaw	Manchal	Khambliglat	115	13	
Anjaw	Chaglagam	Taflagam	186	13	
Changlang	Diyun	Innao Pathar	53	12	
Changlang	Renuk	Renuk	59	12	
Changlang	Bordumsa	Kherem Kachari	78	12	
Changlang *	Changlang	New Changlang	87	12	Reserved
Changlang	Changlang	New Sallang	111	13	
Dibang Valley	Etalín	Etalín H.Q.	93	13	
Dibang Valley	Etalín	Etalín Bridge Point	116	13	
East Kameng	Bameng	Lapung-II (Res)	53	12	
East Kameng	Seppa	Sengriwa Seg-II	60	12	
East Kameng	Seijosa	A - 1 Block	60	12	
East Kameng	Seppa	Sengriwa Seg-I	90	13	
East Kameng	Bameng	Tayung	97	13	
East Kameng	Chayangtajo	Mara Tassar Sullung	105	13	
East Kameng	Gyawe Purang	Meomey Sollung	115	13	
East Kameng	Chayangtajo	Jayang Bagang-I (Res)	146	13	
East Kameng	Watte	Fengche Seg-II	175	13	
East Kameng	Chayangtajo	Domdila-II	180	13	
East Kameng	Seppa	Mongkya-I	263	13	
East Kameng	Seppa West	Lachung Yangje	308	13	
East Siang	Pasighat	Berung	218	13	
East Siang	Pasighat	Yagrung	1517	13	
Kra Daadi	TALI	Hakpuk	52	12	
Kra Daadi	PIPSORANG	Ha-I	64	12	
Kra Daadi	PALIN	Amji-II	72	12	
Kra Daadi	TALI	Jhome-I	73	12	
Kra Daadi	PIPSORANG	Nyobia-I	99	13	
Kra Daadi	PALIN	Gelo Tabing	395	13	
Kurung Kumey	SANGRAM	Lower Yaki	58	12	
Kurung Kumey	PARSIPARLO	Mangdo	80	12	
Kurung Kumey	NYAPIN	Langteloth I-A	100	13	

Kurung Kumey	Nyapin	Gangnee	119	13	
Kurung Kumey	PARSIPARLO	Rasik	140	13	
Kurung Kumey	Sarli	Sate	148	13	
Lohit	Chongkham	Chakma-Iii	73	12	
Lohit	Lekang (Mahadevpur)	Old Mohong Ii	106	13	
Lohit	Wakro	Kamban	140	13	
Lohit	Sunpura	Bhekuliang	381	13	
Lohit	Tezu	Tafra Gam	919	13	
Longding	Pangchao	Votnu	252	13	
Lower Dibang Valley	Roing	Latbong	115	13	
Lower Dibang Valley	Tinali (Paglam)	Paglam Iii	359	13	
Lower Subansiri	RAGA	Pelmili	62	12	
Lower Subansiri	YACHULI	Menk	69	12	
Lower Subansiri *	YAZALI	Kebi	79	12	Reserved
Lower Subansiri	TAJANG	Pari Nenchu (U)	83	12	
Lower Subansiri	PISTANA	Takho	90	13	
Lower Subansiri	Dollungmukh	Rottom	102	13	
Lower Subansiri	YACHULI	Mai	112	13	
Lower Subansiri	Pistana	Yoglu	114	13	
Lower Subansiri	PISTANA	Bazaar Deed	118	13	
Lower Subansiri	YAZALI	Amgi	118	13	
Lower Subansiri	YACHULI	Toju	216	13	
NAMSAI	NINGROO	WINGKO	248	13	
Papum Pare	LOWER BALIJANI	Lower Balijan	62	12	
Papum Pare	TORU1	Laptap	80	12	
Papum Pare	BATT1	Upper Chemi	93	13	
Papum Pare	MENGIO1	Kussuk	97	13	
Papum Pare	TORU1	Kheel	97	13	
Papum Pare	Naharlagun	Dirie	132	13	
Papum Pare	DOIMUKHI	Rono	219	13	
Papum Pare *	ITANAGAR	E and F Sector, G Extension, E Sector,Rakap Colony near E Sector,F Sector,G Sector	477	13	Reserved
SIANG	Rumgong	Old Lorging	174	13	
SIANG	Pangin	Lokpeng	431	13	
Tawang	Tawang Circle	Kyableng	174	13	
Tirap	KHONSA	Kheti-I	110	13	
Tirap	SOHA	Kaimai-I	204	13	
Upper Siang	Jengging	Bomdo	239	13	
Upper Siang	Geku	Kumku	364	13	
Upper Subansiri	Taliha	Ganga Camp	53	12	
Upper Subansiri	Daporijo	Nima	70	12	

Upper Subansiri	Siyum	Laklam	85	12	
Upper Subansiri	Dumporijo	Bator	93	13	
Upper Subansiri	Dumporijo	Nasi	122	13	
Upper Subansiri	Dumporijo	Kuparijo	178	13	
Upper Subansiri	Daporijo	Ligu	343	13	
West Kameng	Jamiri	Buragaon	57	12	
West Kameng	Nafra	Dibbin	65	12	
West Kameng	Bhalukpong	Upper Bhalukpong Hq	85	12	
West Kameng	Jamiri	Khupi Model Village	87	12	
West Kameng	Jamiri	Kimi Village	97	13	
West Kameng *	Bhalukpong	Tippi	136	13	Rreserved
West Siang	Aalo	Panya	68	12	
West Siang	Likabali	Dipa	91	13	
West Siang	Basar	Pajo	104	13	
West Siang	Aalo	Tadin	130	13	
West Siang	Daring	Old Daring	306	13	
			Grand Total	1066 #	
*Reserved villages to be used for sampling if any selected village in the given district not accessible, having logistic problem or any other issues					
#,do not include counts of reserved villages					

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Assam_4/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages Having 100 + (Pigs) = 4828

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.02

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 165 (+4 villages Reserved)**Total No of Animals to be Sampled = 2145**

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
BAKSA	Goreswar (Pt)	Ramcha	316	13
BAKSA	Goreswar (Pt)	Tengajhar	402	13
Barpeta	Sarthebari	Gadesh Ali Pam	109	13
Barpeta	Barpeta	4 No Block	145	13
Barpeta	Barpeta	Bar Agdia	171	13
Barpeta	Barpeta	3 No Block	194	13
Barpeta	Jalah (Pt)	Bandhasidhani	203	13
Barpeta	Sarthebari	Khudra Bamunbari	249	13
Biswanath *	Gohpur	NO.2 CHAKALA	140	13
Biswanath	Helem	THAN BHOLAGURI	183	13
Biswanath	Biswanath	Salai Khati	317	13
Biswanath	Biswanath	MAJULIGHAR T E 16/17	318	13
Biswanath	Gohpur	CHARAI BARI	583	13
Biswanath	Helem	HELEM T E 270/442 (Grant)	595	13
BONGAIGAON	Bongaigaon (Pt)	Meshpara	170	13
BONGAIGAON	Bongaigaon (Pt)	Majgaon Nigamghola	232	13
BONGAIGAON	jangram	Pachania pt I	261	13
Cachar	Udharbond	Larsing grant	102	13
Cachar	Lakhipur Municipality	Lakhipur (TC) - Ward No.5	157	13
Cachar	Lakhipur	Naraindhar P T V	172	13
Cachar	Lakhipur	U/S Chiru Punjee	188	13
Cachar	Lakhipur	Barthol Grant	219	13
Cachar	Lakhipur	Ramgajiang F V	226	13
Cachar	Lakhipur	Dulalgram Grant	262	13
Cachar	Lakhipur	Lakhinagar Ext F V	692	13
Chirang	Bijni (Pt)	Gelasugaon	169	13
Chirang	Bijni (Pt)	Barlawgaon	1126	13
DARRANG	Patharighat (Pt)	Chengapara No 1	190	13
DARRANG	Dalgaon(Pt)	Gerakhat	383	13
DARRANG	Mangaldoi(Pt)	Kamarpara (Kumarpara)	1964	13
DHEMAJI	Sissiborgaon	Kandulijan Gaon	120	13
DHEMAJI	Jonai	No 1 Majulipur	147	13

Reserved

DHEMAJI	Dhakuakhana (Pt)	Litachur Taid	167	13	
DHEMAJI	Jonai	No 2 Simenchapori	182	13	
DHEMAJI *	Sissiborgaon	No 2 Khanamukh Nepali	218	13	Reserved
DHEMAJI	Sissiborgaon	Dambuk Kalabari	257	13	
DHEMAJI	Gogamukh	Ukhamti Pathar	273	13	
DHEMAJI	Sissiborgaon	Kuligaon	312	13	
DHEMAJI	Jonai	Siga Mising	397	13	
DHEMAJI	Dhemaji	Batuamukh	416	13	
DHEMAJI	Sissiborgaon	Bhereki Charaipara	586	13	
DHEMAJI	Dhemaji	Balisori	685	13	
DHEMAJI	Sissiborgaon	Pume(karoi Tinigahria)	800	13	
Dibrugarh	Moran	Dulia Lahowal Gaon	109	13	
Dibrugarh	Moran	Diroighat	161	13	
Dibrugarh	Tengakhat	Kerkoni No 1 (Kekuri No	164	13	
Dibrugarh	Dibrugarh West	Borborua T E 13/76 Orr Grant	169	13	
Dibrugarh	Moran	Domardalang No 1	180	13	
Dibrugarh	Dibrugarh West	Maju Temtow Bagisha	204	13	
Dibrugarh	Tengakhat	Kamini T E No 27	301	13	
Dibrugarh	Naharkatiya	Lebangkula Gaon	308	13	
Dibrugarh	Chabua	Dinjan T E	368	13	
Dibrugarh	Dibrugarh West	Modhupur Thakera Pukhuri F V	459	13	
Dima Hasao	Mahur	Jalwa	126	13	
Dima Hasao	Maibong	Boro Diger	191	13	
Dima Hasao	Haflong	Haflong (TC) - Ward No.13	244	13	
Dima Hasao	Maibong	Waisaikong	476	13	
Dima Hasao	Mahur	Boro Langlai	708	13	
Goalpara	Ranjuli	Ambuk- Pt-II	135	13	
Goalpara	Matia	Bakaitari Pt-II	175	13	
Goalpara	Balijana	Ajagar Pahar N C	188	13	
Goalpara	Matia	Pub Zira	217	13	
Goalpara	Ranjuli	Piplibari	272	13	
Goalpara	Ranjuli	Dhupdhara ÔÇôpt-II	277	13	
Golaghat	Bokakhat	NO 1 KOHORA	106	13	
Golaghat	Khumtai	NO 2 BUTOLIKHOWA	179	13	
Golaghat	Sarupathar	SUKIAPATHER	248	13	
Golaghat	Sarupathar	NO 2 PADUMONI	333	13	
Golaghat	Golaghat	KANUGAON	500	13	
Golaghat	Morangi	NO 1 PONKA GAON	506	13	
Golaghat *	Bokakhat	NO 2BHAKAT CHAPORI	635	13	Reserved
Hailakandi	Lala	Rajeswarpur-IX	235	13	

Hailakandi	Lala	MonacherraGrant	257	13
Hojai	Lanka	Derapather No-1	230	13
Hojai	Lanka	Hemari Camp Area	636	13
Jorhat	Mariani	LAHING GAON	288	13
Jorhat	Jorhat West	UPPER DEWRI	638	13
Jorhat	Jorhat East	BORKHELIA GAON	2120	13
Kamrup	Boko	1 Joypur	115	13
Kamrup	Chaygaon	Chowdhuri Khat	146	13
Kamrup	Hajo	Dihina	201	13
Kamrup	Boko	KaJigaon	210	13
Kamrup	Boko	Sakhati-II	214	13
Kamrup	Boko	8)Turuk Para	314	13
Kamrup	Palasbari	8) Bazartari	419	13
Kamrup	Boko	1 Galugathi NC	458	13
Kamrup (M)	Chandrapur	Niz Panbari	306	13
Kamrup (M)	Sonapur	Maloibari Pathar	656	13
Karbi Anglong	Silonijan	Song Rong	115	13
Karbi Anglong	Diphu	New Mulsang	116	13
Karbi Anglong	Phuloni	Bor-Bari	133	13
Karbi Anglong	Phuloni	Sarthe Tisso Gaon	140	13
Karbi Anglong	Phuloni	Lakhan Teron	148	13
Karbi Anglong	Phuloni	Naibari Gaon	164	13
Karbi Anglong	Diphu	Jor Tokbi	169	13
Karbi Anglong	Silonijan	Wophang Rongphar	190	13
Karbi Anglong	Phuloni	Okreng Pathar	201	13
Karbi Anglong	Silonijan	Angjak Engti	228	13
Karbi Anglong	Diphu	Bor Sing Timung	250	13
Karbi Anglong	Phuloni	Atso Teron	280	13
Karbi Anglong	Phuloni	Mai Timung	291	13
Karbi Anglong	Phuloni	Pahar Guri	306	13
Karbi Anglong	Phuloni	Batsim Singnar	353	13
Karbi Anglong	Howraghat	Howraghat (TC) - Ward No.4	601	13
Karimganj	Ramkrishnanagar	Bhudaikuri	117	13
Karimganj	Karimganj	Chargola Velly	123	13
Karimganj	Ramkrishnanagar	Maneswarpur K.P.P.C. Punjee(TS)	124	13
Kokrajhar	Gossaigaon (Pt)	Dalgaon FV	102	13
Kokrajhar	Gossaigaon (Pt)	Kumtola FV	180	13
Kokrajhar	Dotoma	Ramfalbil	184	13
Kokrajhar	Bagribari (Pt)	Mosulijhora Pathardubi Pt-II	270	13
Kokrajhar	Dotoma	Hogmabil	435	13

Kokrajhar	Gossaigaon (Pt)	Saraibil FV	701	13	
Lakhimpur	North Lakhimpur	Ajaraguri	111	13	
Lakhimpur	North Lakhimpur	Na pam Pathar	213	13	
Lakhimpur	Dhakuakhana(Pt-I)	N C Pama Madarguri	258	13	
Lakhimpur	Dhakuakhana(Pt-I)	No 1 Tekeliphota Bagari	259	13	
Lakhimpur	Dhakuakhana(Pt-I)	Tamar Gaon	330	13	
Lakhimpur	North Lakhimpur	Adisuti N C	681	13	
Lakhimpur	Dhakuakhana(Pt-I)	Ga-para Miri	1292	13	
Lakhimpur	Naobaicha	Ahomoni Miri	1300	13	
Lakhimpur	Naobaicha	Tatiamora	2539	13	
Majuli	Majuli	Borpaumua No 1	347	13	
Majuli	Majuli	Ratanpur miri gaon	1763	13	
Morigaon	Bhuragaon	Banmurigaon	240	13	
Morigaon	Mayong	Bahakabari	388	13	
Morigaon	Marigaon	Chanuabori	1283	13	
Nagaon *	Raha	Dhowa Dalani	111	13	Reserved
Nagaon	Samaguri	Purana Salona T E	134	13	
Nagaon	Kaliabor	Kaliabor T E No 2	198	13	
Nagaon	Raha	Daini Pukhuri	248	13	
Nagaon	Raha	Dighali Ati	345	13	
Nagaon	Rupohi	Rupahi Bhakat Gaon	369	13	
Nalbari	Barkhetri	2 Darangipara	211	13	
Nalbari	Barkhetri	6 Amrattari	298	13	
Nalbari	Ghograpar(Pt)	9 Barajol	395	13	
Sibsagar	Sibsagar	Chetia Koiboria	266	13	
Sibsagar	Dimow	Japishajia Deodhai	490	13	
Sibsagar	Sibsagar	Cital Dubi	658	13	
Sonitpur	Na-Duar	No.1 Balijuri	111	13	
Sonitpur	Dhekiajuli (Pt)	Pabhamari No. 1	187	13	
Sonitpur	Chariduar	No.1 Gabharu T.E, Grant	253	13	
Sonitpur	Na-Duar	Talakabari Bangali	256	13	
Sonitpur	Chariduar	Borghop	308	13	
Sonitpur	Chariduar	Amlaga No.2	481	13	
Sonitpur	Dhekiajuli (Pt)	Batalagaon	1422	13	
Sonitpur	Chariduar	Bhalukpung Nigam	3486	13	
Soraideu	Sonari	Mridong para&baruanager rly	225	13	
Soraideu	Mahmora	Domar Dolog Grant	581	13	
South Salmara	Mancachar	Ayodoba	167	13	
Tinsukia	Sadiya	Dopani Bihiya	102	13	
Tinsukia	Tinsukia	Lahari Kachari Gaon(OG)	130	13	

Tinsukia	Tinsukia	Raidang T E 122 Fs Gt	167	13
Tinsukia	Margherita	Ledo Tea Co Nlr Grant No 174/1	182	13
Tinsukia	Doom Dooma	Dangari Pathar	192	13
Tinsukia	Margherita	Vitor Powai No 2	236	13
Tinsukia	Doom Dooma	Fatickjan Gaon	352	13
Tinsukia	Tinsukia	Limbuguri T E 152/149/ Nir	375	13
Tinsukia	Sadiya	4 No Santipur	479	13
Udalguri	Udalguri	Sutiapara	176	13
Udalguri	Udalguri	Ojagaon	249	13
Udalguri	Harisingha	Pachimpatla	288	13
Udalguri	Harisingha	Khalingduwar RF	846	13
Udalguri	Udalguri	Gariapathar	1012	13
West Karbi Anglong	Donka	Hongkram Gaon	161	13
West Karbi Anglong	Donka	Kuthepi Terang Gaon	206	13
West Karbi Anglong	Donka	Mulokbong Gaon	264	13
West Karbi Anglong	Donka	Umpanai Christian Gaon	483	13
West Karbi Anglong	Donka	Sat Song R F	771	13
			Grand Total	2145

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

#,do not include counts of reserved villages

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Bihar_5/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 50 + (Pigs) = 1112

Level of 100 - % Protection = 0.20

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 82

Total No of Animals to be Sampled = 1070

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
Araria	Araria	Araria (M) - Ward No.16	86	12
Arwal	Kurtha	Painathi	100	13
Aurangabad	Obra	Karsawan	83	12
Aurangabad	Rafiganj	Rafiganj (NA) - Ward No.8	167	13
Aurangabad	Rafiganj	Dholikhap	256	13
Banka	Chanan	Tola Chugalia	107	13
Banka	Chanan	Tola Khajuria	118	13
Banka	Banka	Banka(M) - Ward No.21	140	13
Banka	Katoria	Tola Sahdewa Urf Nawadih	202	13
Banka	Bausi	Chilkara	3684	13
Begusarai	Balia	Barki Balia	121	13
Bhagalpur	Narayanpur	Jaipur Chuhar	123	13
Bhagalpur	Sultanganj	Akbarnagar	198	13
Bhojpur	Koilwar	Narbirpur	118	13
Bhojpur	Jagdishpur	Diul	209	13
Buxar	Buxar	Buxar (M) - Ward No.29	101	13
Buxar	Nawanagar	Atmi	287	13
Darbhanga	Kusheshwar Asthan Purbi	Reota	122	13
Darbhanga	Darbhanga	Darbhanga (M Corp.) - Ward No.46	149	13
Gaya	Tikari	Mau	65	12
Gaya	Sherghati	Uchirman	68	12
Gaya	Fatehpur	Hematpur	101	13
Gaya	Mohanpur	Basu Kurha	121	13
Gaya	Bodh Gaya	Bodh Gaya (NA) - Ward No.10	390	13
Gaya	Bodh Gaya	Mocharim	397	13
Gopalganj	Mirganj	Mirganj (NA) - Ward No.5	103	13

Gopalganj	Gopalganj	Basdila Khas	135	13
Gopalganj	Katiya	Ram Das Bagahi	220	13
Jamui	JHAJHA	JHAJHA (NP) 7	132	13
Jamui	Lakshmipur	Nanhkar	206	13
Jamui	Lakshmipur	Chinmaria	929	13
Jehanabad	Makhdumpur	Jamanganj	92	13
Jehanabad	Ghoshi	Uber	197	13
Kaimur (Bhabua)	Mohania	Barej	126	13
Kaimur (Bhabua)	Durgawati	Dirkhili	138	13
Katihar	Kadwa	Bharri	98	13
Katihar	Hasanganj	Bandewar	147	13
Khagaria	Khagaria	Marar	110	13
Kishanganj	Thakurganj	Kuri Muni	107	13
Kishanganj	Dighalbank	Dhanola	341	13
Madhepura	Murliganj	Singhian	111	13
Madhubani	Madhepur	Daldal	95	13
Madhubani	Pandaul	Fatehpur Ekdiha	238	13
Munger	Jamalpur	Jamalpur (M) - Ward No.2	73	12
Munger	Jamalpur	Jamalpur (M) - Ward No.17	144	13
Muzaffarpur	Musahri	Jamalabad	79	12
Muzaffarpur	Marwan	Bishundatpur	142	13
Muzaffarpur	Bandra	Tepri Urf Hansanagar	171	13
Nalanda	Ekangarsarai	Amnar Khas	164	13
Nalanda	Islampur	Baralgawan	192	13
Nawada	Pakribarawan	Bhagwanpur Khapura	94	13
Nawada	Sirdala	Abdul	122	13
Pashchim Champaran	Sikta	Sugaha	92	13
Pashchim Champaran	Sikta	Baisakhwa	310	13
Patna	Daniawan	Bankipur Machhariawan	111	13
Patna	Phulwari	Palanga	161	13
Patna	Punpun	Sapahua	378	13
Purbi Champaran	Pakri Dayal	Siraha	98	13
Purbi Champaran	Dhaka	Telhara Khurd	182	13
Purbi Champaran	Motihari	Motihari (M) - Ward No.3	197	13

Purnia	Banmankhi	Burhia Dhanghatta	118	13
Purnia	Banmankhi	Bahora	321	13
Rohtas	Nauhatta	Rehal	143	13
Rohtas	Kochas	Podumsi Dehra	223	13
Rohtas	Rohtas	Rohtas	279	13
Saharsa	Salkhua	Situahi	214	13
Saharsa	Saharsa	Saharsa (M) - Ward No.19	317	13
Samastipur	Singhia	Bari	114	13
Samastipur	Bithan	Bithan	121	13
Saran	Jalalpur	Sanwari	91	13
Saran	Manjhi	Bhajauna	155	13
Saran	Mashrakh	Mashrakh	167	13
Sheikhpura	Sheikhpura	Sheikhpura (M) - Ward No.20	81	12
Sheohar	Sheohar	Sheohar (NA) - Ward No.2	85	12
Sitamarhi	Bathnaha	Maudah	115	13
Sitamarhi	Sursand	Sarkhandio Bitha	171	13
Siwan	Guthani	Odikhor	95	13
Siwan	Andar	Kherhai	161	13
Supaul	Supaul	Ghiwak	88	12
Supaul	Pipra	Thumha	127	13
Vaishali	Lalganj	Andari	110	13
Vaishali	Vaishali	Raghupur Urf Husainpur Ragho	120	13
Vaishali	Hajipur	Thathan Buzurg	153	13
			Grand Total	1070

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Chhattisgarh_7/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 35 + (Pigs) = 2466

Level of 100 - % Protection = 0.20

Village Level % *(100 - %Protection) = 0.02

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 165

Total No of Animals to be Sampled = 2145 (2114 restricted)

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
Balod	Dondi	Kakarkasa	58	12
Balod	Dondi	Kopedera	66	12
Balod	Gurur	Kolihamar	70	12
Balod	Dondi	Tumdisur	96	13
Balod	Gunderdehi	Sikosa	100	13
Baloda Bazar	Palari	Odan	48	12
Baloda Bazar	Palari	Chharakapur	50	12
Baloda Bazar	Baloda Bazar	Rawan (Ct)	66	12
Baloda Bazar	Kasdol	Kouwatal	102	13
Baloda Bazar	Simga	Hathband	122	13
Baloda Bazar	Palari	RANI DURGA WARD	175	13
Baloda Bazar	Baloda Bazar	Kukurdih	299	13
Balrampur	Rajpur	Jigdi	37	11
Balrampur	Rajpur	Bhadar	55	12
Balrampur	Samri(Kusmi)	Dhanji	83	12
Balrampur	Shankargarh	Karasi	85	12
Balrampur	Samri(Kusmi)	Motinagar	149	13
Balrampur	Wadrafanagar	Charchari	204	13
Balrampur	Samri(Kusmi)	Baskepi	384	13
Bastar	Bakavand	Dhodrepal	42	12
Bastar	Darbha	Sedwa	60	12
Bastar	Darbha	Katakanda	108	13
Bastar	Lohandiguda	Bodali	109	13
Bastar	Lohandiguda	Badegumiapal	271	13
Bastar	Lohandiguda	Mardum	635	13
Bastar	Darbha	Kelaur	902	13

Bijapur	Bhopalpattnam	Irpagutta	37	11
Bijapur	Bhopalpattnam	Matti Marka	88	12
Bijapur	Bhopalpattnam	Nalampalli	120	13
Bijapur	Bhairamgarh	Marrimadgu	135	13
Bijapur	Bhairamgarh	Kukadi	182	13
Bijapur	Bhairamgarh	Kondroji	266	13
Bijapur	Bhairamgarh	Mingachal	270	13
Bilaspur	Bilaspur	TATYA TOPE NAGAR	40	12
Bilaspur	Kota	Lufa	53	12
Bilaspur	Masturi	Jondhra	59	12
Bilaspur	Pendra Road Gorella	Andhiyarkhoh	62	12
Bilaspur	Ratanpur	Ratanpur (NP) - Ward No.2	69	12
Bilaspur	Bodri	Bodri (NP) - Ward No.5	74	12
Bilaspur	Kota	Kota (NP) - Ward No.1	88	12
Bilaspur	Sakri	Daldliya para ward	124	13
Bilaspur	Kota	Lusda	223	13
Bilaspur	Kota	Mohali	478	13
Dantewada	Kuakonda	Nakulnar	220	13
Dantewada	Dantewada	Dhurli	824	13
Dhamtari	Nagri	Daud Urf Pandripani	40	12
Dhamtari	Nagri	Khairbharri	47	12
Dhamtari	Nagri	Bokra Beda	75	12
Dhamtari	Nagri	Akawari	83	12
Dhamtari	Nagri	Bhadseona	132	13
Dhamtari	Nagri	Koli Yari	244	13
Durg	Utai	Milpara Ward	38	12
Durg	Durg	Nikum	45	12
Durg	Dhamdha	Sirnabhatha	55	12
Durg	Ahiwara	SHIVRAM MANDIR WARD	69	12
Durg	Bhilai	STATION MARODA WARD	79	12
Janjgir-Champa	Malkharoda	Malkharoda	42	12
Janjgir-Champa	Champa	Bamhnidih	44	12
Janjgir-Champa	Sakti	Station Para Ward	71	12
Janjgir-Champa	Jaijaipur	Chhita Pandariya	77	12

Janjgir-Champa	Sakti	Judga	104	13
Janjgir-Champa	Pamgarh	Bhawtara	128	13
Janjgir-Champa	Sakti	Harizan Para Ward	166	13
Jashpur	Manora	Kanchi	46	12
Jashpur	Kansabel	Dokada	74	12
Jashpur	Jashpur	Galonda	78	12
Jashpur	Farsabahr	Tuba	97	13
Jashpur	Pathalgaon	Mudekela	113	13
Jashpur	Kansabel	Jumai Kela	219	13
Jashpur	Pathalgaon	Chiknipani	246	13
Jashpur	Jashpur	Gholeng	249	13
Jashpur	Bagicha	Sarbkambo	645	13
Kabirdham (Kawardha)	Bodla	Piperkhuta	38	12
Kabirdham (Kawardha)	Bodla	Durajanpur	50	12
Kabirdham (Kawardha)	Pandariya	Birhuldi	53	12
Kabirdham (Kawardha)	Bodla	Pakripani	54	12
Kabirdham (Kawardha)	Bodla	Gabhauda	63	12
Kabirdham (Kawardha)	Bodla	Kurki	66	12
Kabirdham (Kawardha)	Bodla	Liladadar	72	12
Kabirdham (Kawardha)	Bodla	Mahligat	98	13
Kanker	Pakhanjur	Bango Ghodiya	54	12
Kanker	Narharpur	Kumhankhar	60	12
Kanker	Bhanupratappur	Jalinkasa	75	12
Kanker	Bhanupratappur	Jatawada	80	12
Kanker	Durgkondal	Amaguhan	86	12
Kanker	Narharpur	Sarwandi	106	13
Kanker	Bhanupratappur	Tueguhan	158	13
Kanker	Pakhanjur	Nahgeeda	166	13
Kanker	Antagarh	Phulpad	173	13
Kanker	Antagarh	Badeteoda	177	13
Kondagaon	Makdi	Lubha	45	12
Kondagaon	Kondagaon	Betbeda	71	12
Kondagaon	Farasgaon	Godema	135	13
Kondagaon	Farasgaon	Kumharbadgaon	170	13

Kondagaon	Farasgaon	Palna	225	13
Kondagaon	Farasgaon	Banchapai	242	13
Korba	Poundi-Uproda	Sakho	37	11
Korba	Poundi-Uproda	Tnera	46	12
Korba	Poundi-Uproda	Kowatal	52	12
Korba	Poundi-Uproda	Khotkhurri	57	12
Korba	Poundi-Uproda	Dhajak	84	12
Korba	Poundi-Uproda	Khirati	101	13
Korba	Pali	Sapalwa	124	13
Korba	Pali	SHAHID HEMU COLONY	293	13
Korea	Khadganva	Neori	42	12
Korea	Baikunthpur	Phulpur	62	12
Korea	Khongapani	TAIGOR WARD	67	12
Korea	Bharatpur	Jamthan	88	12
Korea	Chirimiri	Chirmiri - Ward No. 01	93	13
Korea	Bharatpur	Madisarai	115	13
Korea	Baikunthpur	Ani	213	13
Mahasamund	Saraipali	Kankewa	38	12
Mahasamund	Bagbahara	Bagbahara (NP) - Ward No.13	40	12
Mahasamund	Saraipali	Saraipali (NP) - Ward No.1	41	12
Mahasamund	Pithora	Remda	50	12
Mahasamund	Bagbahara	Bagbahara (NP) - Ward No.9	52	12
Mahasamund	Saraipali	Nawarangpur(Naurangpur)	56	12
Mahasamund	Saraipali	Saraipali (NP) - Ward No.2	66	12
Mahasamund	Mahasamund	Ayodhya Nagar Ward	82	12
Mahasamund	Saraipali	Belmundi	86	12
Mahasamund	Saraipali	Lanti	109	13
Narayanpur	Orchha	Gumiabeda	168	13
Narayanpur	Narayanpur	Dhodai	236	13
Narayanpur	Narayanpur	Chhotedongar	241	13
Raigarh	Raigarh	AMBEDKARNAGAR WARD	42	12
Raigarh	Pusour	Loharsingh	49	12
Raigarh	Gharghoda	Kudumkela	53	12
Raigarh	Udaipur (Dharamjaigarh)	Supkalo	82	12

Raigarh	Udaipur (Dharamjaigarh)	Miriguda	82	12
Raigarh	Saria	Ravidranath Tigor ward	87	12
Raigarh	Udaipur (Dharamjaigarh)	Jaldega	114	13
Raigarh	Udaipur (Dharamjaigarh)	Laxmipur (Sarasmr)	135	13
Raigarh	Dharamjaigarh	Chikatwani Ward	149	13
Raigarh	Udaipur (Dharamjaigarh)	Thakurnagar (Jobi)	165	13
Raigarh	Udaipur (Dharamjaigarh)	Putukachhar	194	13
Raigarh	Udaipur (Dharamjaigarh)	Dagbhona	206	13
Raigarh	Udaipur (Dharamjaigarh)	Thakurpondi	287	13
Raipur	Arang	Lakholi	39	12
Raipur	Abhanpur	Paragaon-2(Paragaon)	43	12
Raipur	Abhanpur	Dr. Radhakrishan ward	70	12
Raipur	Gobra Nawapara	Sant Vinoba Bhawe Ward	70	12
Rajnandgaon	Mohla	Chilamtola	46	12
Rajnandgaon	Mohla	Dehle	51	12
Rajnandgaon	Manpur	Sitagaon	63	12
Rajnandgaon	Manpur	Gubiyagarh	66	12
Rajnandgaon	Mohla	Paradi	72	12
Rajnandgaon	Manpur	Wako	82	12
Rajnandgaon	Mohla	Patanwadwi	86	12
Rajnandgaon	Rajnandgaon	Somni	115	13
Rajnandgaon	Ambagarh	Dev Wadvi	116	13
Rajnandgaon	Mohla	Mohla	122	13
Rajnandgaon	Rajnandgaon	Circuit House Ward	154	13
Rajnandgaon	Manpur	Paraljhari	155	13
Rajnandgaon	Manpur	Unchapur	196	13
Sukma	Konta	Pentapad	103	13
Sukma	Chhindgarh	Badegurwe	135	13
Sukma	Konta	Banjepalli	235	13
Sukma	Chhindgarh	Kawrakopa	673	13
Sukma	Konta	Dubbatota	1017	13
Surajpur	Oudgi	Bedhmi	61	12
Surajpur	Bhaiyathan	Badsara	70	12
Surajpur	Ramanujnagar	Parmeshwarpur Alias Pathakpur	71	12

Surajpur	Oudgi	Lanjit	84	12
Surajpur	Premnagar	Tara	129	13
Surguja	Sitapur	Soor	46	12
Surguja	Lundra	Jamoni	57	12
Surguja	Lundra	Chitarpur	83	12
Surguja	Sitapur	Petla	106	13
Surguja	Lundra	Rawai	193	13
Surguja	Lundra	Jori	466	13
			Grand Total	2114

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Goa_10/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 10 + (Pigs) = 144

Level of 100 - % Protection = 0.20

Village Level % *(100 - %Protection) = 0.06

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 58

Total No of Animals to be Sampled = 702

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
North Goa	Bicholim	Pale (Ct)	13	9
North Goa	Bardez	Verla	14	9
North Goa	Pernem	Casnem	21	10
North Goa	Bardez	Sangolda	24	11
North Goa	Tiswadi	Carambolim	25	11
North Goa	Bardez	Assonora	28	11
North Goa	Tiswadi	Siridao	34	11
North Goa	Pernem	Agarvado	40	12
North Goa	Pernem	Poroscodem	40	12
North Goa	Tiswadi	Gancim	41	12
North Goa	Mapusa	Mapusa (M Cl) - Ward No.1	43	12
North Goa	Pernem	Chopdem	43	12
North Goa	Bardez	Nachinola	50	12
North Goa	Tiswadi	Batim	71	12
North Goa	Bardez	Ponolem	84	12
North Goa	Bardez	Candolim (Ct)	85	12
North Goa	Bardez	Parra	86	12
North Goa	Pernem	Tuem	113	13
North Goa	Tiswadi	Ella	120	13
North Goa	Tiswadi	Neura-O-Grande	129	13
North Goa	Bardez	Tivim	133	13
North Goa	Tiswadi	Jua (Ct)	139	13
North Goa	Pernem	Mandrem (Ct)	149	13
North Goa	Bardez	Calvim	157	13
North Goa	Tiswadi	Durgawadi (Og) (Part)	164	13
North Goa	Pernem	Arambol (Ct)	202	13

North Goa	Bardez	Calangute (Ct)	245	13
North Goa	Tiswadi	Mercurim (Ct)	316	13
South Goa	Quepem	Quepem (M Cl) - Ward No.3	11	8
South Goa	Sanguem	Sanguem (M Cl) - Ward No.2	13	9
South Goa	Quepem	Quepem (M Cl) - Ward No.7	21	10
South Goa	Sanguem	Sanguem (M Cl) - Ward No.7	27	11
South Goa	Quepem	Cusmane	33	11
South Goa	Quepem	Xelvona	37	11
South Goa	Salcete	Mulem	44	12
South Goa	Quepem	Molcarnem	50	12
South Goa	Ponda	Ponchavadi	74	12
South Goa	Cuncolim	Cuncolim (M Cl) - Ward No.8	82	12
South Goa	Canacona	Canacona (M Cl) - Ward No.3	85	12
South Goa	Ponda	Curti (Ct)	122	13
South Goa	Cuncolim	Cuncolim (M Cl) - Ward No.3	123	13
South Goa	Dharbandora	Sigao	133	13
South Goa	Salcete	Sao Jose De Areal (Ct)	147	13
South Goa	Mormugao	Cortalim (Ct)	150	13
South Goa	Salcete	Verna (Ct)	184	13
South Goa	Salcete	Chandor	209	13
South Goa	Salcete	Velim	243	13
South Goa	Salcete	Seraulim	251	13
South Goa	Salcete	Sernabatim	320	13
South Goa	Salcete	Ambelim	338	13
South Goa	Salcete	Sarzora	438	13
South Goa	Mormugao	Cansaulim	536	13
South Goa	Salcete	Loutulim	538	13
South Goa	Salcete	Macasana	548	13
South Goa	Salcete	Cavelossim	572	13
South Goa	Salcete	Calata	765	13
South Goa	Salcete	Guirdolim	852	13
South Goa	Salcete	Curtorim (Ct)	1931	13
			Grand Total	702

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Haryana_12/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 50 + (Pigs) = 428

Level of 100 - % Protection = 0.20

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 83 (+3 Villages Reserved)

Total No of Animals to be Sampled = 1066

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Poulation	Number of Pigs to sample	
AMBALA	Ambala	Ambala (M Cl) - Ward No.11	81	12	
AMBALA	Ambala	Ambala (M Cl) - Ward No.3	91	13	
AMBALA	Ambala	Kalarheri (28)	94	13	
AMBALA	Ambala	Mohri (253)	136	13	
AMBALA	Barara	Barara (203) (CT)	155	13	
BHIWANI*	Tosham	Kirawar (38)	76	12	Reserved
BHIWANI	Bhiwani	Mandhana (48)	132	13	
BHIWANI	Bhiwani	Bhiwani (M Cl) - Ward No.14	139	13	
BHIWANI	Loharu	Mandholi Kalan (1)	156	13	
BHIWANI	Tosham	Indiwali (71)	250	13	
CHARKI DADRI	Dadri	Bond Kalan (127)	350	13	
CHARKI DADRI	Dadri	Kamod (134)	474	13	
FARIDABAD	Ballabgarh	Shahupura(74)	94	13	
FARIDABAD	Faridabad	Kot(16)	160	13	
FATEHABAD	Tohana	Jamalpur Shaikhan(99)	126	13	
FATEHABAD	Tohana	Chandpura(111)	305	13	
FATEHABAD	Fatehabad	Bhuna(63)	350	13	
GURUGRAM	Manesar	Pathredi(143)	353	13	
GURUGRAM	Gurgaon	Garhi Harsaru (46) (CT)	380	13	
GURUGRAM	Manesar	Nainwal(155)	1718	13	
HISAR	Hisar	Satrod Kalan(153) (CT)	66	12	
HISAR	Hisar	Kaimri(165)	93	13	
HISAR	Hisar	Mirka(163)	93	13	
HISAR	Hansi	Sisai Bola(108)	145	13	
HISAR	Hisar	Kharak(17)	165	13	
JHAJJAR	Bahadurgarh	Kheri Jasaur(18)	311	13	
JHAJJAR	Bahadurgarh	Dahkora(26)	400	13	
JHAJJAR	Bahadurgarh	Asouda Siwan (29)	703	13	
JIND *	Jind	Bibipur (17)	80	12	Reserved
JIND	Narwana	Kakrod (104)	89	12	
JIND	Narwana	Hans Dahar (4)	90	13	
JIND	Jind	Alewa (86)	121	13	

JIND	Narwana	Badanpur (93)	133	13
KAITHAL	Kaithal	Kurar (47)	95	13
KAITHAL	Kaithal	Kaithal (M Cl) - Ward No.24	136	13
KAITHAL	Kaithal	Balu(20)	138	13
KARNAL	Assandh	Karsa Chaur (63)	64	12
KARNAL	Karnal	Jundla (44)	71	12
KARNAL	Karnal	Kutail (9)	136	13
KARNAL	Nilokheri	Barthal (35)	172	13
KARNAL	Karnal	Kunjpura (75)	200	13
KARNAL	Gharaunda	Gudha (23)	235	13
KARNAL	Assandh	Assandh (MC) - Ward No.1	251	13
KURUKSHETRA	Shahbad	Mohri (217)	65	12
KURUKSHETRA	Thanesar	Khanpur Kolian (105)	99	13
KURUKSHETRA	Thanesar	Pindarsi (19)	102	13
KURUKSHETRA	Thanesar	Kunwar Kheri (27)	122	13
KURUKSHETRA	Thanesar	Ramsaran Majra (147)	205	13
KURUKSHETRA	Pehowa	Gumthala Garhu (139)	787	13
MAHENDRAGARH	Mahendragarh	Sihor(4)	66	12
MAHENDRAGARH	Mahendragarh	Satnali(7)	136	13
MAHENDRAGARH	Kanina	Kanina (MC) - Ward No.3	220	13
MAHENDRAGARH	Kanina	Kanina (MC) - Ward No.10	229	13
MAHENDRAGARH	Mahendragarh	Sehlang(9)	300	13
PALWAL	Palwal	Badoli	99	13
PALWAL	Palwal	Sailothi (154)	107	13
PALWAL	Hodal	Hodal (MC) - Ward No.15	861	13
PANCHKULA	Panchkula	Mauli (16)	250	13
PANCHKULA	Panchkula	Bhud (215)	545	13
PANIPAT	Panipat	Shohdapur (25)	127	13
PANIPAT	Panipat	Sewah (32)	204	13
REWARI *	Rewari	Gokalgarh (119)	58	12
REWARI	Rewari	Jaitrawas (143)	70	12
REWARI	Rewari	Jeewra (247)	272	13
REWARI	Rewari	Palhawas (236)	505	13
REWARI	Rewari	Kanhori(242)	1884	13
REWARI	Rewari	Berli Khurd (93)	3000	13
ROHTAK	Rohtak	Kahnaur(114)	120	13
ROHTAK	Rohtak	Baniyani(123)	391	13
SIRSA	Kalanwali	Kalanwali (MC) - Ward No.1	64	12
SIRSA	Sirsa	Sirsa (M Cl) - Ward No.22	104	13
SIRSA	Sirsa	Khatranwa(317)	155	13

Reserved

SIRSA	Sirsa	Sirsa (M Cl) - Ward No.18	167	13
SIRSA	Sirsa	Sirsa (M Cl) - Ward No.23	190	13
SONIPAT	Gohana	Kathura (89)	67	12
SONIPAT	Gohana	Bhainswal Kalan Bawala (67)	115	13
SONIPAT	Ganaur	Sheikhupura (141)	135	13
SONIPAT	Sonipat	Nahri(232)	240	13
SONIPAT	Gohana	Butana Khetlan (20)	319	13
YAMUNANAGAR	Jagadhri	Jathlana (4)	52	12
YAMUNANAGAR	Bilaspur	Ramgarh Majra (60)	59	12
YAMUNANAGAR	Jagadhri	Barheri (27)	86	12
YAMUNANAGAR	Jagadhri	Jamalpur (174)	90	13
YAMUNANAGAR	Jagadhri	Diyalgarh (394)	96	13
YAMUNANAGAR	Jagadhri	Kulpur (450)	111	13
YAMUNANAGAR	Bilaspur	Muzafat (241)	156	13
			Grand Total	1066#

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

#,do not include counts of reserved villages

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Himachal Pradesh_13/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 1 + (Pigs) = 137

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.06

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 46

Total No of Animals to be Sampled = 702 (391 Restricted)

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
Bilaspur	Bilaspur Sadar	Maithi (249)	20	10
Bilaspur	Bharari	Lehri Sarail (272)	320	13
Chamba	Chamba	Kuthwari (271)	8	7
Chamba	Sihunta	Dungru (299)	13	9
Chamba	Bhattiyat	Jatrun (219)	32	11
Hamirpur	Tira Sujanpur	Jiana (63/26)	3	3
Hamirpur	Bhoranj	Bajoura (43/41)	5	5
Hamirpur	Hamirpur	Bhater (62/17)	10	8
Hamirpur	Tira Sujanpur	Kakkar (63/29)	10	8
Hamirpur	Bhoranj	Haryani (43/5)	23	11
Hamirpur	Bhoranj	Jahu Kalan (43/67)	46	12
Kangra	Palampur	Palampur (M Cl) - Ward No.3	2	2
Kangra	Kangra	Rajiana Khas (796)	6	6
Kangra	Kangra	Kachhiari (455)	9	8
Kangra	Kangra	Gamarkar (249)	15	9
Kangra	Kangra	Zamana Bad (436)	15	9
Kangra	Shahpur	Mundla (284)	15	9
Kangra	Jawalamukhi	Balla (305)	17	10
Kangra	Jawalamukhi	Lakhwal (347)	24	11
Kangra	Jaisinghpur	Harsi (931)	27	11
Kangra	Rakkar	Chaplah Uparla (260)	50	12
Kangra	Kangra	Tiara Khas (266)	50	12
Kangra	Nurpur	Bhadroya (1)	70	12
Kullu	Kullu	Kullu (M Cl) - Ward No.9	15	9
Shimla	Cheta	Chind (141)	2	2
Shimla	Nerua	Bajah (152)	2	2

Shimla	Theog	Kuthar (16)	3	3
Shimla	Cheta	Dhautali (137)	5	5
Shimla	Nerua	Up Mahal Manu (144/1)	5	5
Shimla	Nerua	Up Mahal Bawi (68/2)	6	6
Shimla	Rampur	Jhakhri (Ct)	9	8
Shimla	Nerua	Up Mahal Dhartua (89/2)	11	8
Shimla	Rampur	Dutt-Nagar	27	11
Sirmaur	Paonta Sahib	Paonta Sahib (M Cl) - Ward No.6	10	8
Sirmaur	Nahan	Nahan (M Cl) - Ward No.13	34	11
Sirmaur	Nahan	Trilokpur (124)	55	12
Solan	Ramshahr	Badhal (133)	3	3
Solan	Baddi	Bather (200)	4	4
Solan	Arki	Seli (322)	6	6
Solan	Ramshahr	Chaskar (177)	7	7
Solan	Krishangarh	Arla (466)	23	11
Solan	Nalagarh	Palasi Kalan (92)	51	12
Solan	Krishangarh	Kotla (505)	90	13
Solan	Baddi	Malpur (189)	100	13
Una	Haroli	Dulehr Uparla	53	12
Una	Una	Una (M Cl) - Ward No.4	79	12
			Grand Total	391

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Jharkhand_15/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 150 + (Pigs) = 1299

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.02

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 165 (+4 villages Reserved)

Total No of Animals to be Sampled = 2145

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs	Number of units to sample	
Bokaro	Gumia	Kharwatanr	275	13	
Bokaro	Bermo	Bermo Ansh	280	13	
Bokaro	Peterwar	Merudaru	433	13	
Bokaro	Peterwar	Munga Sarla Alias Bhurhangor	580	13	
Chatra	Lawalaung	Barhed	195	13	
Chatra	Chatra	Kaltikar	219	13	
Chatra	Kunda	Kasilaung	373	13	
Chatra	Kunda	Margarha	384	13	
Chatra	Gidhaur	Barta	384	13	
Chatra	Kunda	Korhans	486	13	
Chatra *	Lawalaung	Shivrajpur	702	13	Reserved
Chatra	Pratappur	Kewalia	915	13	
Deoghar	Mohanpur	Postbari	164	13	
Deoghar	Palojori	Bhurkundi	189	13	
Deoghar	Deoghar	Sadhujor	221	13	
Deoghar	Mohanpur	Burhwakura	235	13	
Deoghar	Sarath	Munda	250	13	
Deoghar	Mohanpur	Dangri	401	13	
Deoghar	Karon	Koldi	433	13	
Dhanbad	Topchanchi	Hariharpur (Ct)	166	13	
Dhanbad	Dhanbad	Dhanbad Municipal Corporation - Ward No.41	182	13	
Dhanbad	Dhanbad	Dhanbad Municipal Corporation - Ward No.33	254	13	
Dhanbad	Tundi	Nemori	261	13	
Dhanbad	Dhanbad	Dhanbad Municipal Corporation - Ward No.9	300	13	
Dhanbad	Dhanbad	Dhanbad Municipal Corporation - Ward No.39	348	13	
Dhanbad *	Dhanbad	Dhanbad Municipal Corporation - Ward No.36	476	13	Reserved
Dhanbad	Dhanbad	Dhanbad Municipal Corporation - Ward No.5	693	13	
Dumka	Shikaripara	Sirudiha Urf Siruraydih	155	13	
Dumka	Dumka	Angraidih	179	13	
Dumka	Saraiyahat	Mari Kawadih	207	13	
Dumka	Jarmundi	Mahubana	211	13	
Dumka	Kathikund	Ranipahari	215	13	

Dumka	Jama	Sikltia	223	13
Dumka	Masalia	Baghraydih	224	13
Dumka	Dumka	Bandar Konda	340	13
Dumka	Dumka	Kurumpahari	344	13
Dumka	Ramgarh	Kupi	347	13
Dumka	Shikaripara	Ramjam	760	13
Dumka	Gopikandar	Duaria	797	13
Dumka	Gopikandar	Babuikhura	937	13
East Singhbhum	Golmuri-Cum-Jugsalai	Tupudang	172	13
East Singhbhum	Golmuri-Cum-Jugsalai	Bagbera (Ct)	194	13
East Singhbhum	Potka	Rajdoha	242	13
East Singhbhum	Potka	Shiling	259	13
East Singhbhum	JAMSHEDPUR	Jamshedpur (NA) - Ward No.74	306	13
East Singhbhum	Golmuri-Cum-Jugsalai	Haludbani (Ct)	362	13
East Singhbhum	Potka	Sikarsai	364	13
Garhwa	Bhawnathpur	Konmandra	162	13
Garhwa	Bhawnathpur	Sinduria (Ct)	187	13
Garhwa	BARGARH	Barkol Khurd	338	13
Garhwa	BARGARH	Turer	401	13
Garhwa	Ranka	Ranka Khurd	449	13
Garhwa	Nagaruntari	Garbandh	474	13
Giridih	Pirtanr	Saharpur Gobindpur	172	13
Giridih	Bengabad	Tilaibania	189	13
Giridih	Giridih	Sadigawaro	213	13
Giridih	Gande	Bhaspur	296	13
Giridih	Deori	Kolhdih	317	13
Giridih	Gande	Bhatupur	351	13
Giridih	Deori	Hariadih	366	13
Giridih	Deori	Ramnitanr	425	13
Giridih	Deori	Aragao	448	13
Giridih	Pirtanr	Palganj	449	13
Giridih	Deori	Chhewasemar	591	13
Giridih	Deori	Bhelwaghati	708	13
Giridih	Birmi	Khedwara	724	13
Godda	Pathargama	Khariani	185	13
Godda	Bashant Rai*	Mahadew Kita	219	13
Godda	Godda	Garbana	241	13
Godda	Godda	Raj Daha	268	13
Godda	Sundarpahari	Donigoda Katan	345	13
Godda	Sundarpahari	Damruhat	469	13

Godda	Godda	Sonjhar	701	13
Godda	Sundarpahari	Kherabani	975	13
Godda	Sundarpahari	Chhota Puro	1022	13
Godda	Sundarpahari	Sundar Maur	1327	13
Gumla	Basia	Kindarkela	159	13
Gumla	Palkot	Dombabira	238	13
Gumla	Chainpur	Simlabartoli	279	13
Gumla	Palkot	Dahupani	347	13
Gumla	Kamdara	Poje	396	13
Gumla	Raidih	Kasir	425	13
Hazaribagh	Barkagaon	Darikalan	156	13
Hazaribagh	Tati Jhariya	Panimako	178	13
Hazaribagh	Keredari	Loharsa	231	13
Hazaribagh	Barkagaon	Kanrtari	279	13
Hazaribagh	Barkagaon	Urimari (Ct)	294	13
Hazaribagh	Hazaribag	Pauta	578	13
Hazaribagh	Barkagaon	Napo Kalan	803	13
Hazaribagh	Chauparan	Bhaghar	950	13
Jamtara	Narayanpur	Bara Bewa	159	13
Jamtara	Jamtara	Chalna	212	13
Jamtara	Narayanpur	Thakuradi	227	13
Jamtara	Nala	Kharimali Rampur	365	13
Jamtara	Karma Tanr Vidyasagar*	Nauaikola	373	13
Jamtara	Nala	Tarachutia	683	13
Jamtara	Nala	Pakarkuri	774	13
Khunti	Torpa	Kajurda	211	13
Khunti	Murhu	Gajgaon	248	13
Khunti	Torpa	Phatka	259	13
Khunti	Torpa	Jhatnitola	289	13
Khunti	Torpa	Kokeya	393	13
Latchar	Garu	Ghuturu	211	13
Latchar	Latchar	Latchar(NA) - Ward No.10	244	13
Latchar	Mahuadanr	Hurmundatoli	291	13
Latchar	Latchar	Demu	379	13
Latchar	Manika	Barwaia Kalan	597	13
Lohardaga	Bhandra	Kachmachi	193	13
Lohardaga	Bhandra	Gararpo	251	13
Pakur	Maheshpur	Thakuratola	182	13
Pakur	Maheshpur	Khejurkura	205	13
Pakur	Hiranpur	Bipatpur	242	13

Pakur *	Litipara	Tatbhitapahar	268	13	Reserved
Pakur	Maheshpur	Baralpokhar	275	13	
Pakur	Maheshpur	Siramgaria	426	13	
Pakur	Hiranpur	Khijurdanga	699	13	
Pakur	Hiranpur	Manidanga	881	13	
Palamu	Satbarwa	Kamaru	163	13	
Palamu	Haidernagar	Chechariya Kalan	175	13	
Palamu	Padwa	Pandwa	178	13	
Palamu	Chhatarpur	Tuktuka Alias Kartuka	245	13	
Palamu	Medininagar	Medininagar (M) - Ward No.24	270	13	
Palamu	Nilambar Pitambarpur(Lesliganj)	Bhalmamda	282	13	
Palamu	Nilambar Pitambarpur(Lesliganj)	Kurainpatra	328	13	
Palamu	Chhatarpur	Rudwa	335	13	
Palamu	Bishrampur	Bishrampur(NA)-Ward No-9	353	13	
Palamu	Nilambar Pitambarpur(Lesliganj)	Lesliganj	579	13	
Ramgarh	Patratu	Talapur Talatanr	242	13	
Ramgarh	Patratu	Chordhara Alias Kharpa Tanga	545	13	
Ranchi	Tamar I	Ulihar	182	13	
Ranchi	Ranchi	Ranchi (M Corp.) - Ward No.47	257	13	
Ranchi	Angara	Bongaibera	291	13	
Ranchi	Khelari	Lapra	291	13	
Ranchi	Nagri	Sembo	349	13	
Ranchi	Kanke	Mesra	485	13	
Ranchi	Kanke	Sangrampur	639	13	
Ranchi	Ratu	Ratu (Ct)	1121	13	
Sahebganj	Mandro	Aurjanr	178	13	
Sahebganj	Udhwa	Lalbathan	183	13	
Sahebganj	Taljhari	Hisiganj	258	13	
Sahebganj	Mandro	Jirli Karhariya	278	13	
Sahebganj	Mandro	Kuruakhutahari	295	13	
Sahebganj	Barharwa	Dhatapara	441	13	
Sahebganj	Barhait	Chapribathan	485	13	
Sahebganj	Mandro	Khairbani Jtahari	506	13	
Sahebganj	Barhait	Sanjori	639	13	
Saraikela Kharsawan	Saraikela	Tablapur	168	13	
Saraikela Kharsawan	Saraikela	Chota Lupung	238	13	
Saraikela Kharsawan	Saraikela	Rujurisai	377	13	
Saraikela Kharsawan	Saraikela	Mahali Murup	480	13	
Saraikela Kharsawan	Saraikela	Noagura	512	13	
Saraikela Kharsawan	Saraikela	Thatupara Alias Begnadih	622	13	

Saraikela Kharsawan	Saraikela	Pathanmara	1090	13	
Saraikela Kharsawan	Kuchai	Lapta	4400	13	
Simdega	Kolebira	Taisera	360	13	
Simdega	Kolebira	Shahpur Kondekera	482	13	
Simdega	Bano	Ramjal	736	13	
West Singhbhum	Goikera	Kebr	153	13	
West Singhbhum	Bandgaon	Karanjo	170	13	
West Singhbhum	Gudri	Hindung	175	13	
West Singhbhum *	Khuntpani	Chhotalagia	212	13	Reserved
West Singhbhum	Khuntpani	Patrapusi	223	13	
West Singhbhum	Bandgaon	Janko	226	13	
West Singhbhum	Goikera	Goikera Bazar	293	13	
West Singhbhum	Khuntpani	Keadchalam	297	13	
West Singhbhum	Bandgaon	Bharandia	391	13	
West Singhbhum	Khuntpani	Matkobera	491	13	
West Singhbhum	Manoharpur	Thaikobad	612	13	
West Singhbhum	Gudri	Raigara	739	13	
			Grand Total	2145#	
*Reserved villages to be used for sampling if any selected village in the given district not accessible, having logistic problem or any other issues					
#,do not include counts of reserved villages					

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Karnataka_16/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 40 + (Pigs) = 913

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 83 (+2 Village Reserved)

Total No of Animals to be Sampled = 1066

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample	
Bagalkot	Hungund	Hungund (TP) - Ward No.12	841	13	
Bangalore Rural	Devanahalli	Pandithapura	160	13	
Bangalore Rural	Hosakote	Thathnur	5470	13	
Belgaum	KALLOLLI	Kallolli-Ward No.9	50	12	
Belgaum	Sadalgi	Sadalgi (TP) - Ward No.1	123	13	
Belgaum	Gokak	Khanagaon	212	13	
Belgaum	Mugalkhod	Mugalkhod- ward No.1	229	13	
Belgaum	Mudalgi	Mudalgi (TMC) - Ward No.11	800	13	
Belgaum *	Ramdurg	Ramdurg (TMC) - Ward No.18	1184	13	Reserved
Bellary	Ballari	Bellary (CMC) - Ward No.35	202	13	
Bellary	Sandur	Vaddu (Ct)	372	13	
Bellary	Bellary	Kolagallu	462	13	
Bengaluru Urban	Anekal	Singena Agrahara	300	13	
Bengaluru Urban	Anekal	Nekkundi Dommasandra	1112	13	
Bidar	Bidar	Nagora	200	13	
Bidar	Bidar	Ghodepalli	259	13	
Bijapur	Basavana Bagevadi	Kolhar (Old)	281	13	
Bijapur	Indi	Chadchan	1364	13	
Chamarajanagar	Chamarajanagar	Kuderu	209	13	
Chamarajanagar	Gundlupet	Gundlupet (TMC) - Ward No.23	475	13	
Chikballapur	Chikballapura	Beedaganahalli	76	12	
Chikballapur	Gauribidanur	Gauribidanur (TMC) - Ward No.22	144	13	
Chikballapur	Chintamani	Santhekallahalli	157	13	
Chikballapur	Chintamani	Booragamakalahalli	190	13	
Chikballapur	Gauribidanur	Gotakanapura	199	13	
Chikmagalur	Tarikere	Tarikere (TP) - Ward No.1	129	13	
Chikmagalur	Chikmagalur	Kelagoor	510	13	
Chitradurga	Molakalmuru	Yerrenahalli	95	13	
Chitradurga	Molakalmuru	Molakalmuru (TP) - Ward No.5	165	13	
Dakshin Kannad	Sulya	Aletty	96	13	
Dakshin Kannad	Mangalore	Arkula (Ct)	284	13	
Davangere	Honnali	Honnali (TP) - Ward No.8	182	13	

Davangere	Malebennur	Malebennur (TMC) - Ward No.19	239	13	
Dharwad	Alnavar	Alnavar (TP) - Ward No.3	542	13	
Dharwad	Navalgund	Navalgund (TMC) - Ward No.19	609	13	
Gadag	Mundargi	Mundargi (TP) - Ward No.21	388	13	
Gadag	Mundargi	Mundargi (TP) - Ward No.13	3163	13	
Gulbarga	Chitapur	Kodadur	160	13	
Gulbarga	Chitapur	Allur (B)	319	13	
Gulbarga *	Jevargi	Jeratgi	3568	13	Reserved
Hassan	Hassan	Satyamangala (Ct)	53	12	
Hassan	Hassan	Chatranahalli	65	12	
Hassan	Hassan	Chikka Honnenahalli (Og)	72	12	
Hassan	Channarayapatna	Adagur	75	12	
Hassan	Channarayapatna	Hirisave	200	13	
Haveri	Ranibennur	Ranibennur (CMC) - Ward No.21	164	13	
Haveri	Shiggaon	Shiggaon (TMC) - Ward No.19	403	13	
Kodagu	Madikeri	Napoklu	67	12	
Kodagu	Virajpet	Halligattu	97	13	
Kolar	Srinivasapur	Mudimadugu	139	13	
Kolar	Malur	Pichaguntraahalli	193	13	
Kolar	Kolar	Hodalavadi	242	13	
Kolar	Mulbagal	Vaniganahalli	300	13	
Kolar	Malur	Lakkurhosahalli	600	13	
Koppal	Gangawati	Basapattana	246	13	
Koppal	Gangawati	Gangawati (CMC) - Ward No.25	547	13	
Mandya	Maddur	S.Hagalalahalli	96	13	
Mandya	Malavalli	Malavalli (TMC) - Ward No.18	213	13	
Mandya	Krishnarajpet	Shyarahalli	440	13	
Mysore	Piriyapatna	Piriyapatna (TP) - Ward No.4	92	13	
Mysore	Tirumakudal - Narsipur	S.Doddapura	303	13	
Mysore	Mysuru	Mysore (M Corp.) - Ward No.48	669	13	
Raichur	Devadurga	Galag	131	13	
Raichur	Devadurga	Devadurga (TP) - Ward No.16	202	13	
Raichur	Manvi	Manvi (TMC) - Ward No.9	400	13	
Ramanagara	Kanakapura	Horlagallu	77	12	
Ramanagara	BIDADI	Bidadi - Ward No.18	145	13	
Shimoga	Shivamogga	Shimoga (CMC) - Ward No.9	60	12	
Shimoga	Sagar	Sagar (TMC) - Ward No.18	100	13	
Shimoga	Shivamogga	Shimoga (CMC) - Ward No.26	220	13	
Shimoga	Shikarapur	Shikarapur (TMC) - Ward No.13	404	13	
Shimoga	Shivamogga	Shimoga (CMC) - Ward No.17	4963	13	

Tumkur	Pavagada	Arasikere	48	12
Tumkur	Pavagada	Shilapura	56	12
Tumkur	Madhugiri	Thadi	88	12
Tumkur	Koratagere	Koratagere (TP) - Ward No.14	94	13
Tumkur	Chiknayakanhalli	Motihalli	147	13
Tumkur	Tumkur	Kallumata	215	13
Udupi	Udupi	Udyavara (Ct)	135	13
Udupi	Kundapura	Hallihole	310	13
Uttar Kannad	Sirsi	Sirsi (CMC) - Ward No.2	46	12
Uttar Kannad	Mundgod	Mundgod (TP) - Ward No.7	100	13
Uttar Kannad	Mundgod	Mundgod (TP) - Ward No.4	123	13
Yadgir	Yadgir	Hedgimadra	170	13
Yadgir	Yadgir	Hattikuni	408	13
			Grand Total	1066#

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

#,do not include counts of reserved villages

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Kerala_17/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 30 + (Pigs) = 638

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 84 (+5 Villages Reserved)

Total No of Animals to be Sampled = 1066

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample	
Ernakulam	Kothamangalam	Kavalangad(GP)ÔÇôWardNo.10	60	12	
Ernakulam *	Kunnathunad	Vengoor(GP)ÔÇôWardNo.12	73	12	Resvered
Ernakulam	Aluva	Mookkannoor(GP)ÔÇôWardNo.12	84	12	
Ernakulam	Aluva	Ayyampuzha(GP)ÔÇôWardNo.11	119	13	
Ernakulam	Aluva	Mookkannoor(GP)ÔÇôWardNo.4	158	13	
Ernakulam	Aluva	Malayattoor Neeleswaram(GP)ÔÇôWardNo.3	160	13	
Ernakulam	Kunnathunad	Vengoor(GP)ÔÇôWardNo.3	336	13	
Ernakulam	Koothattukulam	MPI Ward	817	13	
Idukki	Udumbanchola	Rajakumary(GP)ÔÇôWardNo.13	44	12	
Idukki	Thodupuzha	Kumaramangalam(GP)ÔÇôWardNo.10	76	12	
Idukki	Udumbanchola	Rajakad(GP)ÔÇôWardNo.6	85	12	
Idukki	Udumbanchola	Bisonvalley(GP)ÔÇôWardNo.10	146	13	
Idukki	Idukki	Idukki-Kanjikuzhy(GP)ÔÇôWardNo.17	970	13	
Kannur *	Taliparamba	Eramamkuttoor(GP)ÔÇôWardNo.13	41	12	Reserved
Kannur	Iritty	Aralam(GP)ÔÇôWardNo.1	55	12	
Kannur	Iritty	Kanichar(GP)ÔÇôWardNo.10	110	13	
Kannur	Iritty	Kanichar(GP)ÔÇôWardNo.13	120	13	
Kannur	Taliparamba	Udayagiri(GP)ÔÇôWardNo.2	152	13	
Kannur	Taliparamba	Malappattam(GP)ÔÇôWardNo.8	247	13	
Kannur	Taliparamba	Cherupuzha(GP)ÔÇôWardNo.10	275	13	
Kannur	Iritty	Kelakam(GP)ÔÇôWardNo.10	286	13	
Kasaragod	Hosdurg	Madikai(GP)ÔÇôWardNo.6	102	13	
Kasaragod	Vellarikkundu	KinanurKarithalam(GP)ÔÇôWardNo.2	245	13	
Kasaragod	Vellarikkundu	EastEleri(GP)ÔÇôWardNo.7	508	13	
Kollam	Kollam	Perayam(GP)ÔÇôWardNo.11	35	11	
Kollam *	Kollam	Perayam(GP)ÔÇôWardNo.4	74	12	Reserved
Kollam	Kottarakkara	Melila(GP)ÔÇôWardNo.14	96	13	
Kollam	Punalur	Edamulackal(GP)ÔÇôWardNo.18	105	13	
Kollam	Kollam	Chirakkara(GP)ÔÇôWardNo.12	213	13	
Kollam	Punalur	Eroor(GP)ÔÇôWardNo.10	216	13	
Kollam	Punalur	Karavaloor(GP)ÔÇôWardNo.13	250	13	
Kottayam	Changanassery	Vazhoor(GP)ÔÇôWardNo.13	35	11	

Kottayam	Vaikom	T.V.Puram(GP)ÔÇôWardNo.1	43	12	
Kottayam	Changanassery	Paippad(GP)ÔÇôWardNo.14	70	12	
Kottayam	Meenachil	Bharananganam(GP)ÔÇôWardNo.9	71	12	
Kottayam	Changanassery	Nedumkunnam(GP)ÔÇôWardNo.12	90	13	
Kottayam	Meenachil	Mutholy(GP)ÔÇôWardNo.11	112	13	
Kottayam	Kanjirappally	Parathode(GP)ÔÇôWardNo.10	130	13	
Kozhikode	Koyilandi	Kayanna(GP)ÔÇôWardNo.6	63	12	
Kozhikode	Thamarassery	Thiruvambadi(GP)ÔÇôWardNo.7	108	13	
Kozhikode	Kozhikode	Karassery(GP)ÔÇôWardNo.10	210	13	
Kozhikode	Koyilandi	Chakkittapara(GP)ÔÇôWardNo.3	264	13	
Kozhikode	Koyilandi	Chakkittapara(GP)ÔÇôWardNo.4	265	13	
Kozhikode	Kozhikode	Karassery(GP)ÔÇôWardNo.5	345	13	
Kozhikode	Thamarassery	Kodencherry(GP)ÔÇôWardNo.18	907	13	
Kozhikode	Thamarassery	Thiruvambadi(GP)ÔÇôWardNo.4	2546	13	
Malappuram	Perinthalmanna	Edappetta(GP)ÔÇôWardNo.13	42	12	
Malappuram	Ernad	Anakkayam(GP)ÔÇôWardNo.11	60	12	
Malappuram *	Perinthalmanna	Angadippuram(GP)ÔÇôWardNo.4	86	12	Reserved
Malappuram	Perinthalmanna	Angadippuram(GP)ÔÇôWardNo.17	90	13	
Malappuram	Nilambur	Pothukallu(GP)ÔÇôWardNo.4	99	13	
Malappuram	Nilambur	Kalikavu(GP)ÔÇôWardNo.19	121	13	
Malappuram	Nilambur	Mambad(GP)ÔÇôWardNo.1	162	13	
Malappuram	Nilambur	Moothedam(GP)ÔÇôWardNo.4	200	13	
Malappuram	Nilambur	Wandoor(GP)ÔÇôWardNo.4	250	13	
Malappuram	Perinthalmanna	Pulamanthole(GP)ÔÇôWardNo.2	376	13	
Palakkad	Ottappalam	Pookkottukavu(GP)ÔÇôWardNo.8	49	12	
Palakkad	Ottappalam	Kadampazhipuram(GP)ÔÇôWardNo.15	60	12	
Palakkad	Pattambi	Muthuthala(GP)ÔÇôWardNo.7	110	13	
Palakkad	Alathur	Vadakkancheri(GP)ÔÇôWardNo.18	126	13	
Palakkad	Chittur	Ayiloor(GP)ÔÇôWardNo.13	150	13	
Palakkad	Palakkad	Polpully(GP)ÔÇôWardNo.5	250	13	
Palakkad	Chittur	Ayiloor(GP)ÔÇôWardNo.11	400	13	
Palakkad	Alathur	Melarcod(GP)ÔÇôWardNo.16	669	13	
Palakkad	Chittur	Muthalamada(GP)ÔÇôWardNo.17	887	13	
Pathanamthitta	Mallappally	Anicadu(GP)ÔÇôWardNo.4	50	12	
Pathanamthitta	Konni	Kalanjoor(GP)ÔÇôWardNo.5	51	12	
Pathanamthitta	Konni	Chittar(GP)ÔÇôWardNo.9	53	12	
Pathanamthitta	Konni	Pramadom(GP)ÔÇôWardNo.10	124	13	
Pathanamthitta	Ranni	Ranni-Angadi(GP)ÔÇôWardNo.3	300	13	
Thiruvananthapuram	Kattakkada	Aryancode(GP)ÔÇôWardNo.6	39	12	
Thiruvananthapuram	Kattakkada	Vilappil(GP)ÔÇôWardNo.5	64	12	

Thiruvananthapuram *	Kattakkada	Poovachal(GP)ÔÇôWardNo.20	85	12	Reserved
Thiruvananthapuram	Kattakkada	Vellnad(GP)ÔÇôWardNo.8	95	13	
Thiruvananthapuram	Thiruvananthapuram	Mulloor(M Corp.) - Ward No.64	132	13	
Thiruvananthapuram	Nedumangad	Aryanad(GP)ÔÇôWardNo.5	165	13	
Thiruvananthapuram	Nedumangad	Aryanad(GP)ÔÇôWardNo.6	350	13	
Thiruvananthapuram	Kattakkada	Poovachal(GP)ÔÇôWardNo.1	352	13	
Thrissur	Thrissur	Puthur(GP)ÔÇôWardNo.8	35	11	
Thrissur	Talappilly	Kadangod(GP)ÔÇôWardNo.7	76	12	
Thrissur	Thrissur	Puthur(GP)ÔÇôWardNo.7	101	13	
Thrissur	Talappilly	Kondazhy(GP)ÔÇôWardNo.12	155	13	
Thrissur	Talappilly	Erumapetty(GP)ÔÇôWardNo.16	180	13	
Thrissur	Chalakkudy	Melur(GP)ÔÇôWardNo.17	200	13	
Thrissur	Chalakkudy	Kodassery(GP)ÔÇôWardNo.15	210	13	
Thrissur	Thrissur	Paralam(GP)ÔÇôWardNo.1	210	13	
Thrissur	Chalakkudy	Kodassery(GP)ÔÇôWardNo.7	264	13	
Wayanad	Vythiri	Vengapally(GP)ÔÇôWardNo.1	93	13	
Wayanad	Sulthanbathery	Mullankolly(GP)ÔÇôWardNo.8	204	13	
			Grand Total	1066#	
*Reserved villages to be used for sampling if any selected village in the given district not accessible, having logistic problem or any other issues					
#,do not include counts of reserved villages					

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Madhya Pradesh_19/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages Having 30 + (Pigs) = 1352

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 82

Total No of Animals to be Sampled = 1071

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
ASHOKNAGAR	Isagarh	Isagarh (NP) - Ward No.4	103	13
ASHOKNAGAR	Mungaoli	Mungaoli (NP) - Ward No.5	112	13
BALAGHAT	Baihar	Adori	55	12
BALAGHAT	Baihar	Bithli	82	12
BARWANI	Rajpur	Rajpur (NP) - Ward No.5	89	12
BARWANI	Rajpur	Ozar	191	13
BETUL	SARNI	Chatrpati Shivaji Ward	81	12
BETUL	AMLA	Bhimnagar Ward	153	13
BHIND	Gohad	Malanpur (CT)	59	12
BHIND	Gohad	Gohad (M) - Ward No.16	65	12
CHHATARPUR	Maharajpur	Tatam	82	12
CHHATARPUR	Chandla	Chandla (NP) - Ward No.11	201	13
CHHINDWARA	Pandhurna	Pandhurna (M) - Ward No.21	65	12
CHHINDWARA	Piplanawar	Piplanawar (NP) Ward No. 1	228	13
DAMOH	Batiyagarh	Kerbana	61	12
DAMOH	Patharia	Bansa Kalan	245	13
DATIA	Badoni	Badoni (NP) - Ward No.11	68	12
DATIA	Seondha	Diguwan	214	13
DEWAS	Dewas	Siroliya	66	12
DEWAS	Khategaon	Khategaon (NP) - Ward No.11	173	13
DINDORI	Shahpura	Gidhlaundi	50	12
DINDORI	Shahpura	Matiyari Ryt.	84	12
EAST NIMAR	Khandwa	Mahatma Gandhi Ward No.46 Khandwa (M Corp.)	107	13
GUNA	Guna	Garha	97	13
GUNA	Chachaura - Binaganj	Chachaura -Binaganj (NP) - Ward No.7	138	13
GWALIOR	Gird	Rawar	70	12

GWALIOR	Pichhore	Patha Panihar	170	13
HOSHANGABAD	Sohagpur	Shobhapur	125	13
HOSHANGABAD	Hoshangabad	Hoshangabad (M) - Ward No.20	280	13
INDORE	Indore	Maam Bhagavatee Nagar	170	13
INDORE	Depalpur	Harnasa	302	13
JABALPUR	Sihora	Sarauli	65	12
JABALPUR	Kundam	Kundam (CT)	494	13
KATNI	Dhimarkheda	Dasharman	104	13
KATNI	Murwara - Katni	Murwara (Katni) (M Corp.) - Ward No.43	199	13
KHARGONE	Khargone	Khargone(M) - Ward No.32	88	12
KHARGONE	Bhikangaon	Bhikangaon (NP) - Ward No.12	127	13
MANDLA	Bichhiya	Sunehara Jar	78	12
MANDLA	Ghughari	Banehari	120	13
Mandsaur	Piplya Mandi	Piplya Mandi (NP) - Ward No.14	50	12
Mandsaur	Shamgarh	Shamgarh (NP) - Ward No.14	122	13
MORENA	Porsa	Porsa (M) - Ward No.7	86	12
MORENA	Sabargarh	Sabargarh (M) - Ward No.3	447	13
NARSINGHPUR	Gotegaon	Bagaspur	110	13
NARSINGHPUR	Tendukheda	Tendukheda (NP) - Ward No.11	175	13
NEEMUCH	Manasa	Chachor	62	12
NEEMUCH	Ratangarh	Ratangarh (NP) - Ward No.12	112	13
PANNA	Panna	Panna (M) - Ward No.17	67	12
PANNA	Ajaigarh	Nayagaon	128	13
RAISEN	Begamganj	Begamganj (M) - Rajeev Gandhi Ward	60	12
RAISEN	Baraily	Khargone	100	13
RAJGARH	Sarangpur	Sarangpur (M) - Ward No.17	67	12
RAJGARH	Biaora	Todi	182	13
RATLAM	Alot	Alot (NP) - Ward No.12	56	12
RATLAM	Tal	Tal (NP) - Ward No.2	109	13
REWA	Jawa	Bijhwar	45	12
REWA	Hanumana	Pati Nirmohisingh	57	12
REWA	Hanumana	Bahuti	160	13
REWA	Mangawan	Mangawan (NP) - Ward No.8	259	13
SAGAR	Kesli	Kesali	65	12

SAGAR	Sagar	Surkhi	141	13
SAGAR	Rehli	Rehli (M) - Ward No.5	182	13
SATNA	Unchahara	Bihata	61	12
SATNA	Unchahara	Unchahara (NP) - Ward No.14	107	13
SATNA	Maihar	Ghunwara	160	13
SEHORE	Sehore	Mahodiya	83	12
SEHORE	Nasrullaganj	Nasrullaganj (NP) - Lal Bahadur Shastri Ward	250	13
SEONI	Lakhnadon	Adegaon	169	13
SHAHDOL	Jaisinghnagar	Tihki	90	13
SHAHDOL	Burhar	Burhar (NP) - Ward No.4	108	13
SHAJAPUR	Avantipur Badodiya	Awantipur Badodia	93	13
SHAJAPUR	Moman Badodiya	Moman Badodiya	103	13
SHIVPURI	Karera	Sirsod	65	12
SHIVPURI	Narwar	Narwar (NP) - Ward No.14	138	13
SIDHI	Churhat	Mohaniya	50	12
SIDHI	Gopadbanas	Piprohar	135	13
SINGRAULI	Chitrangi	Kaithani	74	12
SINGRAULI	SINGRAULI	Singrauli (M Corp.) - Ward No.32	136	13
TIKAMGARH	Baldeogarh	Malguwan	70	12
TIKAMGARH	Khargapur	Phuter Chak-1	180	13
UJJAIN	Tarana	Kadodiya	70	12
UMARIA	Manpur	Manpur	127	13
UMARIA	Pali	Pali (NP) - Ward No.10	209	13
VIDISHA	Basoda	Basoda (M) - Ward No.9	115	13
VIDISHA	Basoda	Basoda (M) - Ward No.10	141	13
			Grand Total	1071

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Maharashtra_20/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 10 + (Pigs) = 1077

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 73

Total No of Animals to be Sampled = 916 Restricted

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
Ahmednagar	Sangamner	Sangamner (M CI) - Ward No.5	113	13
Ahmednagar	Rahta	Puntamba	275	13
Akola	Balapur	Balapur (M CI) - Ward No.16	71	12
Akola	Patur	Patur (M CI) - Ward No.10	104	13
Amravati	Chandurbazar	Ghat Ladki	92	13
Amravati	Chandurbazar	Bramhanwada Thadi	240	13
Amravati	Dattapur Dhamangaon	Dattapur Dhamangaon (M CI) - Ward No.3	385	13
Aurangabad	Vaijapur	Vaijapur (M CI) - Ward No.9	115	13
Aurangabad	Gangapur	Gangapur (M CI) - Ward No.14	1000	13
Beed	Ashti	Ashti (M CI) - All wards	82	12
Beed	Ashti	Kada	2030	13
Buldhana	Mehkar	Mehkar (M CI) - Ward No.18	174	13
Buldhana	Jalgaon (Jamod)	Asalgaon	250	13
Chandrapur	Chimur	Chimur (M CI) - All Wards	37	11
Chandrapur	Warora	Warora (M CI) - Ward No.23	291	13
Chandrapur	Warora	Warora (M CI) - Ward No.13	391	13
Dhule	Dhule	Babre	130	13
Dhule	Sakri	Mhasdi Pr.Ner	485	13
Gadchiroli	Dhanora	Kermarhan	46	12
Gadchiroli	Korchi	Godari	106	13
Gadchiroli	Bhamragad	Laheer (S)	190	13
Gondia	Sadak-Arjuni	Patekurra	26	11
Gondia	Sadak-Arjuni	Gongle	34	11
Hingoli	Basmath	Chondhi Tarf Sendursena	71	12
Hingoli	Sengaon	Sengaon (M CI) - Ward No.12	260	13
Jalgaon	Jalgaon	Umale	60	12

Jalgaon	Chalisgaon	Kunzar	158	13
Jalgaon	Jamner	Jamner(MCI) - Ward No.7	251	13
Jalna	Jafferabad	Bharaj Bk.	120	13
Jalna	Ambad	Sukhapuri	149	13
Kolhapur	Vadgaon Kasba	Vadgaon Kasba (M CI) - Ward No.12	25	11
Latur	Nilanga	Nitur	81	12
Latur	Ausa	Killari	414	13
Nagpur	Hingna	Takalghat (Ct)	118	13
Nagpur	Savner	Chicholi (Ct)	166	13
Nagpur	Kalameshwar	Gondkhairi	242	13
Nanded	Mukhed	Rajura Tanda	33	11
Nanded	Peth Umri	Peth Umri (M CI) - Ward No.6	118	13
Nanded	Kundalwadi	Kundalwadi (M CI) - Ward No.7	306	13
Nandurbar	Shahade	Kalmadi-T-Borad	106	13
Nandurbar	Shahade	Shirud-Digar	415	13
Nashik	Chandvad	Hivarkhede	26	11
Nashik	Yevla	Jalgaon Neur	41	12
Nashik	Nashik	Eklahare (CT)	68	12
Nashik	Manmad	Manmad (M CI) - Ward No.13	174	13
Nashik	Surgana	Surgana (CT)	356	13
Osmanabad	Paranda	Chinchpur Kh.	70	12
Osmanabad	Bhum	Bhum (M CI) - Ward No.6	234	13
Palghar	Vada	Kelthan	45	12
Palghar	Talasari	Bramhanpada	108	13
Parbhani	Jintur	Jintur (M CI) - Ward No.10	67	12
Parbhani	Parbhani	Salapuri	204	13
Pune	Purandhar	Bhivari	30	11
Pune	Pune	Pune (M Corp.) - Ward No.46	59	12
Pune	Pune	Pune (M Corp.) - Ward No.7	64	12
Pune	Pune	Pune (M Corp.) - Ward No.45	1198	13
Pune	Daund	Sahajpurwadi	1200	13
Raigad	Murud	Tembhorde	100	13
Sangli	Uran Islampur	Uran Islampur (M CI) - Ward No.4	405	13
Sangli	Uran Islampur	Uran Islampur (M CI) - Ward No.14	451	13

Satara	Man	Wawarhire	46	12
Sindhudurg	Kankavli	Ghonsari	28	11
Sindhudurg	Sawantwadi	Malewad	102	13
Solapur	Barshi	Vairag	108	13
Solapur	Solapur South	Boramani	500	13
Thane	Thane	Thane M.Corp ward no. 20 Kopri	120	13
Thane	Thane	Thane M.Corp ward no. 22 Naupada	140	13
Wardha	Wardha	Sindhi(M)	48	12
Wardha	Karanja	Kannamwar Gram	102	13
Washim	Manora	Sakhardoh	60	12
Washim	Malegaon	Medshi	300	13
Yavatmal	Darwha	Darwha (M Cl) - Ward No.8	47	12
Yavatmal	Kelapur	Bori (Patan)	295	13
			Grand Total	916

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Manipur_21/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 100 + (Pigs) = 489

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 82

Total No of Animals to be Sampled = 1066

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
Bishnupur	Moirang	Wangoo Awang	344	13
Bishnupur	Nambol	Nambol (M Cl) (Part) - Ward No.13	385	13
Bishnupur	Bishnupur	Potsangbam And Upokpi	677	13
Bishnupur	Moirang	Wangoo Makha	716	13
Chandel	Chakpikarong	M. Molnoi	133	13
Chandel	Chakpikarong	Khullenkhallet	146	13
Chandel	Chakpikarong	Langching	147	13
Churachandpur	Thanlon	Songtal	112	13
Churachandpur	Tipaimukh	Rovakot	113	13
Churachandpur	Tipaimukh	Sartuinek	122	13
Churachandpur	Churachandpur	Hmuntha Tampak	126	13
Churachandpur	Churachandpur	Keirap Khunthak	136	13
Churachandpur	Churachandpur	Zomicolony	142	13
Churachandpur	Tipaimukh	Parvachawm	165	13
Churachandpur	Churachandpur	Sielmat	178	13
Churachandpur	Thanlon	Suangsang	194	13
Churachandpur	Tipaimukh	Senvon	221	13
Churachandpur	Churachandpur	Ccpur H.Q.	283	13
Churachandpur	Churachandpur	Vengnuam	363	13
Churachandpur	Churachandpur	Pearson	414	13
Churachandpur	Churachandpur	Hiangtam Lamka	418	13
Churachandpur	Churachandpur	Zenhang Lamka (Ct)	584	13
Churachandpur	Churachandpur	Tuibong	1025	13
Imphal East	Porompat	Thangjam Leikai	108	13
Imphal East	Porompat	Kairang Meitei	141	13
Imphal East	Andro	Andro (NP) - Ward No.11	153	13

Imphal East	Sawombung	Nongren	164	13
Imphal East	Porompat	Khurai Konsam Leikai	205	13
Imphal East	Sawombung	Khundrakpam	210	13
Imphal East	Andro	Andro (NP) - Ward No.4	370	13
Imphal East	Porompat	Thongju Nameirakpam Laishram Selungba Waikhom Ning	374	13
Imphal East	Sawombung	Tellou	382	13
Imphal East	Andro	Andro (NP) - Ward No.5	401	13
Imphal West	Wangoi	Bitra Urokhong Iram Siphai Excluding N.A	106	13
Imphal West	Wangoi	Naorem Leikai	140	13
Imphal West	Wangoi	Phougakchao	186	13
Imphal West	Mayang Imphal	Mayang Imphal (NP) - Ward No.4	209	13
Imphal West	Mayang Imphal	Mayang Imphal (NP) - Ward No.8	242	13
Imphal West	Lamshang	Mayanglangjing Tanning And Tamang	247	13
Imphal West	Lamshang	Phayeng	575	13
Imphal West	Wangoi	Malom Tuliha	649	13
Senapati	Sadar Hills East	Phunal Maring	118	13
Senapati	Sadar Hills East	H.Champhai	128	13
Senapati	Mao-Maram	Yangkhullen	131	13
Senapati	Mao-Maram	Song Song	137	13
Senapati	Sadar Hills East	Salam Patong	144	13
Senapati	Saitu-Gamphazol	Asilong	149	13
Senapati	Saitu-Gamphazol	Leimakhong Mission Veng	165	13
Senapati	Mao-Maram	Rabunamei	179	13
Senapati	Purul	Purul Akutpa	181	13
Senapati	Saitu-Gamphazol	Khunkhu Kuki	194	13
Senapati	Paomata	Saranamei	196	13
Senapati	Purul	Koide Makha	216	13
Senapati	Mao-Maram	Pudunamei	239	13
Senapati	Mao-Maram	Kalinamei	257	13
Senapati	Sadar Hills East	Sub-Divisional Hqr	258	13
Senapati	Mao-Maram	Chowainamei Khullen	262	13
Senapati	Mao-Maram	Taphou Phymai	301	13
Senapati	Paomata	Liyai Khullen	313	13
Senapati	Purul	Phaibung Khullen	330	13
Senapati	Mao-Maram	Taphou Naga	413	13

Senapati	Mao-Maram	Shajouba	438	13
Senapati	Mao-Maram	Rikhumai Taphou	666	13
Tamenglong	Tamenglong North	Nurathen	150	13
Tamenglong	Nungba	Thingou	179	13
Tamenglong	Tamenglong West	Kaimai	196	13
Tamenglong	Nungba	Nungba	690	13
Tamenglong	Tamenglong	Tamenglong (Ct)	787	13
Thoubal	Lilong	Maibam Konjil	116	13
Thoubal	Thoubal	Wangjing Heitupokpi	161	13
Thoubal	Kakching	Kakching (M Cl) - Ward No.12	245	13
Thoubal	Sikhong Sekmai	Sikhong Sekmai (NP) - Ward No.8	312	13
Thoubal	Thoubal	Chandrakhong	323	13
Thoubal	Thoubal	Heirok Pt II ie Heirok Pt II Mayai Leikai and Heirok Khunou Heirok Pt II Maning Leikai ie Western side of NA	379	13
Thoubal	Kakching	Langmeidong	677	13
Ukhrul	Ukhrul North	Chinjaroï Khunou	111	13
Ukhrul	Kamjong Chassad	Roni	155	13
Ukhrul	Phungyar-Phaisat	Khambi	230	13
Ukhrul	Ukhurl Central	M.Kamsei	266	13
Ukhrul	Ukhurl Central	Sihai	324	13
Ukhrul	Ukhurl Central	Hundung	481	13
Ukhrul	Ukhurl Central	Ukhrul (Ct)	12196	13
			Grand Total	1066

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Meghalaya_22/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 200 + (Pigs) = 849

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.02

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

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

Total No of Animals to be Sampled = 2145

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of pigs to sample
East Garo Hills	Dambo Rongjeng	Lower Gabil Patal	213	13
East Garo Hills	Songsak	Dobu Bazar (Cherasu Gittim)	231	13
East Garo Hills	Williamnagar	Williamnagar (MB) - Ward No.1	235	13
East Garo Hills	Songsak	Danal Songgitcham	237	13
East Garo Hills	Samanda	Kakwa Bawegre	248	13
East Garo Hills	Samanda	Dawa Gittinggre	252	13
East Garo Hills	Songsak	Dalbot Rongbok	257	13
East Garo Hills	Samanda	Chachatgre	278	13
East Garo Hills	Dambo Rongjeng	Rongmil	322	13
East Garo Hills	Songsak	Songsak Agitok	353	13
East Garo Hills	Samanda	Dinaminggre	370	13
East Garo Hills	Songsak	Koksi Nengsat	377	13
East Garo Hills *	Williamnagar	Williamnagar (MB) - Ward No.2	448	13
East Garo Hills	Songsak	Chidimit Nengsat	517	13
East Jaintia Hills	Khliehriat	Dein Chynrum	211	13
East Jaintia Hills	Khliehriat	Pamra Paithlu	246	13
East Jaintia Hills	Khliehriat	Jalyiah	323	13
East Jaintia Hills	Khliehriat	Byndihati	340	13
East Jaintia Hills	Khliehriat	Tuber Kmai	442	13
East Jaintia Hills	Khliehriat	Ratacherra	456	13
East Khasi Hills	Pynursla	Umnih-Nongrim	204	13
East Khasi Hills	Mawphlang	Thainthynroh Mawlum	254	13
East Khasi Hills	Pynursla	Nongkhlieng	265	13
East Khasi Hills	Mylliem	Lyngkien Shyiap	275	13
East Khasi Hills	Mylliem	Mawblah	293	13
East Khasi Hills	Mawphlang	Pyndenglitha	328	13
East Khasi Hills	Pynursla	Ryngkew	346	13
East Khasi Hills	Khatarshnong Laitkroh	Mawmihthied	361	13
East Khasi Hills	Mylliem	Marbianiang Umseiniong	368	13
East Khasi Hills	Pynursla	Saitwait	434	13
East Khasi Hills	Mawphlang	Kynrohnonglyer	438	13
East Khasi Hills	Khatarshnong Laitkroh	Madanlyngdoh	480	13

Reserved

East Khasi Hills	Mawryngkneng	Kut	542	13
East Khasi Hills	Mawphlang	Mawkynthei Wahlyngnu	555	13
East Khasi Hills	Mawphlang	Jani Mawiong	565	13
East Khasi Hills	Mylliem	Nongumlong	581	13
East Khasi Hills	Pynursla	Wahkdait	597	13
East Khasi Hills	Khatarshnong Laitkroh	Laitkynsew (Laitkroh)	600	13
East Khasi Hills	Mawphlang	Mawdngung	612	13
East Khasi Hills	Mawphlang	Kynrohnongbri	617	13
East Khasi Hills	Mylliem	Lawmei	716	13
East Khasi Hills	Mawphlang	Banglasohphic	889	13
East Khasi Hills	Mylliem	Liewlong	1039	13
North Garo Hills	Resubelpara	Rongbang Ading	209	13
North Garo Hills	Resubelpara	Gosingpita Bakra	240	13
North Garo Hills	Kharkutta	Chachinat	261	13
North Garo Hills	Resubelpara	Thapa Agitchak (A)	281	13
North Garo Hills	Resubelpara	Chakodam	288	13
North Garo Hills	Kharkutta	Lower Bolmedang	301	13
North Garo Hills	Resubelpara	Tekagre	306	13
North Garo Hills	Kharkutta	Chima Apal	395	13
North Garo Hills	Resubelpara	Resubelpara (MB) - Ward No.4	410	13
North Garo Hills	Resubelpara	Dujong Akong	420	13
North Garo Hills	Resubelpara	Upper Bolsong B.Mohol	446	13
North Garo Hills	Resubelpara	Thorikakona Rabha	620	13
North Garo Hills	Kharkutta	Chotcholja	673	13
North Garo Hills	Kharkutta	Wageasi	818	13
Ri Bhoi	Umsning	Shilliang Umdoh	207	13
Ri Bhoi	Umsning	Mawlein Mawkhan	231	13
Ri Bhoi	Umsning	Ti- Iamih	257	13
Ri Bhoi	Umsning	Amphreng	293	13
Ri Bhoi	Umsning	Umwiehsnieh	296	13
Ri Bhoi	Umling	Umjarasi	318	13
Ri Bhoi	Umling	Diwon	322	13
Ri Bhoi	Umsning	Sonidan	343	13
Ri Bhoi	Umsning	Nongsangu	377	13
Ri Bhoi	Umsning	Kraikijam(Umstang)	420	13
Ri Bhoi	Umsning	Maiong	439	13
Ri Bhoi	Umsning	Makdoh	443	13
Ri Bhoi	Umsning	Amjong	599	13
Ri Bhoi *	Umsning	Lymphuid	599	13
Ri Bhoi	Jirang	Warmawsaw	631	13

Reserved

South Garo Hills	Chokpot	Kene Chania	227	13
South Garo Hills	Chokpot	Mitap Bodola	239	13
South Garo Hills	Baghmara	Gare Songmong	242	13
South Garo Hills	Baghmara	Siju Rongkenggittim	256	13
South Garo Hills	Baghmara	Karukol Adinggre	262	13
South Garo Hills	Rongara	Halwa Atong	268	13
South Garo Hills	Baghmara	Balkal Watregittim	300	13
South Garo Hills	Chokpot	Bibragiri	312	13
South Garo Hills	Rongara	Rubber Gittim	327	13
South Garo Hills	Gasuapara	Kapasipara	330	13
South Garo Hills	Rongara	Moradam	338	13
South Garo Hills	Baghmara	Baghmara (MB) - Ward No.4	339	13
South Garo Hills	Baghmara	Pattal Gittim	345	13
South Garo Hills	Baghmara	Choklokgittim	364	13
South Garo Hills	Chokpot	Silki Betagiri	371	13
South Garo Hills	Rongara	Bul Awe	373	13
South Garo Hills	Chokpot	Rongrikimgre	396	13
South Garo Hills	Chokpot	Dobagre	442	13
South Garo Hills	Baghmara	Baghmara (MB) - Ward No.11	668	13
South Garo Hills	Chokpot	Chokpotgiri	702	13
South West Garo Hills	Betasing	Sangkarigre	226	13
South West Garo Hills	Betasing	Asinagre	245	13
South West Garo Hills	Betasing	Sonamite	249	13
South West Garo Hills	Zikzak	Nagolpara	331	13
South West Garo Hills	Betasing	Bongpara	411	13
South West Garo Hills	Betasing	Takuranbari	424	13
South West Garo Hills	Zikzak	Dinangpara	450	13
South West Garo Hills	Betasing	Ampatigri	462	13
South West Garo Hills	Betasing	Monabari	598	13
South West Garo Hills	Zikzak	Darugre	638	13
South West Garo Hills	Zikzak	Salmanpara	1214	13
South West Khasi Hills	Mawkyrwat	Mawsep	280	13
South West Khasi Hills	Ranikor	Nongkynbah	330	13
South West Khasi Hills	Mawkyrwat	Rangdikhew	358	13
South West Khasi Hills	Mawkyrwat	Ngunraw	423	13
South West Khasi Hills	Mawkyrwat	Kharew	437	13
South West Khasi Hills	Mawkyrwat	Mawthawpdah	442	13
South West Khasi Hills	Mawkyrwat	Jakrem A & B	606	13
West Garo Hills	Dadenggiri	Abokgre	202	13
West Garo Hills	Dalu	Kherapara Songma	207	13

West Garo Hills	Rongram	Paney Valley	218	13
West Garo Hills	Selsella	Rongsanggre (Selsella)	265	13
West Garo Hills	Selsella	Goramara	270	13
West Garo Hills	Rongram	Donsimagre	274	13
West Garo Hills	Tikrikilla	Pedaldoba (Garo)	278	13
West Garo Hills	Rongram	Kamagre	284	13
West Garo Hills	Dadenggi	Mangdugre	303	13
West Garo Hills	Dadenggi	Rabong Sangsilgre	315	13
West Garo Hills	Selsella	Alokdia	330	13
West Garo Hills	Dadenggi	Kangkaronggre (A)	371	13
West Garo Hills	Dadenggi	Chambakpara	372	13
West Garo Hills	Dadenggi	Dilsigre	375	13
West Garo Hills	Selsella	Holdibari	398	13
West Garo Hills	Gambegre	Okkapara Songgitcham	431	13
West Garo Hills	Dadenggi	Rebugre	445	13
West Garo Hills	Rongram	Gondenggre	498	13
West Garo Hills	Tikrikilla	Pedaldoba (Rabha)	560	13
West Garo Hills	Dadenggi	Saka Boldakgre	565	13
West Garo Hills	Tikrikilla	Rengsinpara Ading	658	13
West Garo Hills	Tikrikilla	Rengggigre	668	13
West Garo Hills	Tura Municipal Board	Ward No. 8	685	13
West Garo Hills	Tikrikilla	Raksamgre	706	13
West Garo Hills	Gambegre	Saka Boldamgiri	742	13
West Garo Hills	Gambegre	Somonpara (Meguagre)	1110	13
West Garo Hills	Dadenggi	Bikonggre	1126	13
West Garo Hills	Selsella	Paham	1557	13
West Jaintia Hills	Amlarem	Amshipai	217	13
West Jaintia Hills	Thadlaskein	Sabahmuswang	293	13
West Jaintia Hills	Amlarem	Nongtalang Mission	333	13
West Jaintia Hills	Amlarem	Madan Tyrpait	392	13
West Jaintia Hills	Amlarem	Pdengshakap	396	13
West Jaintia Hills	Thadlaskein	Mookyniang	496	13
West Jaintia Hills	Laskein	Myntkung	575	13
West Jaintia Hills	Thadlaskein	Ummulong	854	13
West Jaintia Hills	Laskein	Mowkaiaw	905	13
West Jaintia Hills	Laskein	Sahsniang A	1090	13
West Khasi Hills	Mairang	Nongthyllep	249	13
West Khasi Hills	Mairang	Jakhong	267	13
West Khasi Hills	Mairang	Thangmaw	277	13
West Khasi Hills	Mawthadraishan	Mynnimawbri	328	13

West Khasi Hills	Mairang	Kharthangmaw	338	13
West Khasi Hills	Mairang	Nongktieh Manai	375	13
West Khasi Hills	Mairang	Riangmang	376	13
West Khasi Hills	Mawthadraishan	Lawbyrtun	383	13
West Khasi Hills	Mairang	Mawtharap	396	13
West Khasi Hills	Mairang	Nongthliew Sharum	444	13
West Khasi Hills	Mairang	Mawphanniew A & B	466	13
West Khasi Hills	Mawthadraishan	Mamgor	487	13
West Khasi Hills	Mairang	Mawlyngtriang	497	13
West Khasi Hills	Mawthadraishan	Ramsiej	513	13
West Khasi Hills	Mairang	Manai Incl Mawpun	529	13
West Khasi Hills	Mawthadraishan	Nonglak	531	13
West Khasi Hills	Mawthadraishan	Umjakoid	555	13
West Khasi Hills	Mairang	Pydengnongbri	599	13
West Khasi Hills	Mairang	Tangri	699	13
			Grand Total	2145#

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

#,do not include counts of reserved villages

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Mizoram_23/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages Having 300 + (Pigs) = 273

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 82

Total No of Animals to be Sampled = 1066

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
AIZAWL	Aizawl	Aizawl (NT) - Ward No.69	354	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.63	390	13
AIZAWL	Sairang	Sairang (NT) - Ward No.2	451	13
AIZAWL	Tlangnuam (Part)	Tuirial Jail	477	13
AIZAWL	Aibawk	Muallungthu	548	13
AIZAWL	Darlawn	Pehlawn	587	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.31	653	13
AIZAWL	Phullen	Khawlian	712	13
AIZAWL	Phullen	Phullen	826	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.76	876	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.11	918	13
AIZAWL	Thingsulthliah (Part)	Seling	1134	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.13	1238	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.3	1398	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.33	1583	13
AIZAWL	Aizawl	Aizawl (NT) - Ward No.10	1792	13
AIZAWL	Tlangnuam (Part)	Sihphir	1850	13
CHAMPHAI	Ngopa	Mimbung	346	13
CHAMPHAI	Ngopa	Teikhang	414	13
CHAMPHAI	Khawhai	Khawhai (NT) - Ward No.1	415	13
CHAMPHAI	Khawbung	Vaphai	620	13
CHAMPHAI	Champhai	Champhai (NT) - Ward No.3	632	13
CHAMPHAI	Champhai	Champhai (NT) - Ward No.9	663	13
CHAMPHAI	Ngopa	Chiahpui	949	13
CHAMPHAI	Champhai	Champhai (NT) - Ward No.7	951	13
CHAMPHAI	Champhai	Champhai (NT) - Ward No.13	1098	13

CHAMPHAI	Khawzawl	Khawzawl Kawnzar	1116	13
KOLASIB	Kolasib	Kolasib (NT) - Ward No.10	395	13
KOLASIB	Bilkhawthlir	Pangbalkawn	465	13
KOLASIB	Tlangnuam (Part)	Nisapui	779	13
KOLASIB	Bilkhawthlir	N.Chhimluang	912	13
KOLASIB	Kolasib	Kolasib (NT) - Ward No.3	1253	13
KOLASIB	Bilkhawthlir	Saiphai	1651	13
LAWNGTLAI	S Bungtlang	Chamdur ÔÇýPÔÇÖ I	315	13
LAWNGTLAI	Chawngte	Bondukbangsora	355	13
LAWNGTLAI	Sangau	Lungpher	365	13
LAWNGTLAI	Lawngtlai	Sumsilui	367	13
LAWNGTLAI	S Bungtlang	Tuisentlang	370	13
LAWNGTLAI	Chawngte	Jarulsury	427	13
LAWNGTLAI	Lawngtlai	Bethel Veng	459	13
LAWNGTLAI	Chawngte	Vaseitlang I	485	13
LAWNGTLAI	Chawngte	Parva I	502	13
LAWNGTLAI	Chawngte	Udalthana I	523	13
LAWNGTLAI	Chawngte	Nagdarasora	545	13
LUNGLEI	Hnahthial	Pangzawl	326	13
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.16	370	13
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.3	378	13
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.23	380	13
LUNGLEI	West Bunghmun	Puankhai	420	13
LUNGLEI	Lungsen	Nunsuri II	456	13
LUNGLEI	West Bunghmun	Thenhlum	524	13
LUNGLEI	Hnahthial	Cherhlun	533	13
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.6	542	13
LUNGLEI	Tlabung	Tlabung (NT) - Ward No.1	570	13
LUNGLEI	Lungsen	Khojoisuri (New)	580	13
LUNGLEI	Hnahthial	Thingsai	667	13
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.1	682	13
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.18	709	13
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.2	738	13
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.17	872	13

LUNGLEI	Lunglei	Lunglei (NT) - Ward No.4	888	13
LUNGLEI	Lungsen	Putlungasih	1172	13
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.22	1331	13
MAMIT	West Phaileng	Hruiduk	355	13
MAMIT	Reiek	Rawpuichhip	422	13
MAMIT	Zawlnuam	Kawrthah	448	13
MAMIT	West Phaileng	Phuldungsei	476	13
MAMIT	Zawlnuam	Sihthiang	486	13
MAMIT	Mamit	Chhim Veng	562	13
MAMIT	West Phaileng	Hnahva	572	13
MAMIT	West Phaileng	Silsuri	853	13
MAMIT	West Phaileng	W.Phaileng	1162	13
SERCHHIP	Serchhip	Serchhip (NT) WARD NO.-0003	422	13
SERCHHIP	Serchhip	Serchhip VIII	530	13
SERCHHIP	Serchhip	New Serchhip South	565	13
SERCHHIP	N.Vanlaiphai	N.Vanlaiphai (NT) - Ward No. 1	632	13
SERCHHIP	Biate	Biate (NT) - Ward No.1	1008	13
SIAHA	Tipa	Mawhrei	306	13
SIAHA	Siaha	Saiha (NT) WARD NO.-0017	381	13
SIAHA	Siaha	Saiha (NT) WARD NO.-0005	396	13
SIAHA	Siaha	New Colony-4	408	13
SIAHA	Siaha	Saiha (NT) WARD NO.-0004	475	13
			Grand Total	1066

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Nagaland_24/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 300 + (Pigs) = 325

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 82 (+4 Villages Reserved)

Total No of Animals to be Sampled = 1066

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample	
Dimapur	Aquqhnaqua	Jekishe	375	13	
Dimapur	Niuland	Kuhoxu	486	13	
Dimapur	Chumukedima	Tenyiphe I	547	13	
Dimapur	Kuhoboto	Pukhato	551	13	
Dimapur	Dimapur Sadar	Thahekhu	643	13	
Dimapur	Aquqhnaqua	Ghoshito	678	13	
Dimapur *	Chumukedima	Sovima	753	13	Reserved
Dimapur	Kuhoboto	Suhoi	785	13	
Dimapur	Chumukedima	Chekiye	811	13	
Dimapur	Chumukedima	5Th Mile Model Village	826	13	
Dimapur	Kuhoboto	Xekiye	1079	13	
Dimapur	Chumukedima	Diphupar	1085	13	
Kiphire	Pungro	Mimi	333	13	
Kiphire	Pungro	Longkhimong	383	13	
Kiphire	Kiphire Sadar	Kiphire Vill.	422	13	
Kiphire	Amahator	Huronger	570	13	
Kiphire	Pungro	Pungro Vill.	615	13	
Kiphire	Pungro	Chomi	980	13	
Kohima *	Kohima	BAYAVU COLONY WARD	331	13	Reserved
Kohima	Jakhama	Mima	475	13	
Kohima	Sechu-Zubza	Jotsoma	713	13	
Kohima	Botsa	Botsa	809	13	
Kohima	Botsa	Tuophema	1628	13	
Kohima	Tseminyu	Tesophenyu	3004	13	

Longleng	Yongnyah	Yongam	583	13
Longleng	Yongnyah	Tangha	630	13
Mokokchung	Alongkima	Waromong	400	13
Mokokchung	Tuli	Mulongyimsen B	481	13
Mokokchung	Kubolong	Mopungchuket	592	13
Mokokchung	Ongpangkong	Longmisa	681	13
Mokokchung	Ongpangkong	Mangmetong	751	13
Mokokchung	Mangkolemba	Khar	847	13
Mokokchung	Kubolong	Longjang	950	13
Mokokchung	Ongpangkong	Mokokchung Vill.	2320	13
Mon	Phomching	Longzang	331	13
Mon	Mopong	Kenjenshu	453	13
Mon	Angjangyang	Changlang	492	13
Mon	Tobu	Wangshu	498	13
Mon	Monyakshu	Changlangshu	503	13
Mon	Longshen	Tang	645	13
Mon	Angjangyang	Longching Village	723	13
Mon	Tizit	Lapalampong (Ur)	778	13
Mon	Tobu	Tamkong	793	13
Mon	Tizit	Tizit Village	835	13
Peren	Tening	Nchangram	385	13
Peren	Jalukie	Nkwarew	416	13
Peren	Tening	Azailong	621	13
Peren	Pedi (Ngwalwa)	Punglwa	821	13
Peren	Pedi (Ngwalwa)	Gaili	824	13
Peren	Athibung	Beisumpuikam	1005	13
Peren	Pedi (Ngwalwa)	Heningkunglwa	1160	13
Phek	Chozuba	Yoruba	339	13
Phek *	Chozuba	Phusachudu	393	13
Phek	Chizami	Mesulumi	501	13
Phek	Pfutsero	Pfutseromi	533	13

RESERVED

Phek	Sakraba	Porba	739	13	
Phek	Phek Sadar	Losami	907	13	
Phek	Phek Sadar	Ketsapo	1096	13	
Tuensang	Noksen	Longra	332	13	
Tuensang	Chessore	Longtokor	360	13	
Tuensang	Chare	Chare Village	427	13	
Tuensang	Panso	Tsuwao	459	13	
Tuensang	Thonoknyu	Thonoknyu Hq	459	13	
Tuensang	Shamator	Wapher	460	13	
Tuensang	Noksen	Noksen Village	741	13	
Tuensang	Thonoknyu	Thonoknyu Vill.	1148	13	
Tuensang	Chessore	Hukir	2062	13	
Wokha	Changpang	Tssori (New)	327	13	
Wokha	Lotsu	Longtsung	389	13	
Wokha	Lotsu	Lotsu Vill.	395	13	
Wokha	Changpang	Akuhaiqa	464	13	
Wokha	Chukitong	Tsungiki	542	13	
Wokha	Wokha Sadar	Pongitong	639	13	
Wokha	Bhandari	Yanmhon (Old)	659	13	
Wokha	Sanis	Sanis Vill	706	13	
Wokha	Sungro	Okotso	839	13	
Wokha	Wokha Sadar	Wokha Vill.	1063	13	
Zunheboto	Pughoboto	Ghokimi	319	13	
Zunheboto	Akuhaito	Roto (Old)	365	13	
Zunheboto	Akuluto	Lumthsami	369	13	
Zunheboto *	Zunheboto	Zunheboto (TC) - Ward No.1 NORTH POINT WARD	453	13	Reserved
Zunheboto	Satoi	Satoi Vill	472	13	
Zunheboto	Aghunato	Shevishe	530	13	
Zunheboto	Zunheboto Sadar	Zungti	543	13	
Zunheboto	Aghunato	Lukikhe	832	13	
Zunheboto	Aghunato	Aghunato Hq	833	13	
			Grand Total	1066#	

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

#,do not include counts of reserved villages

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Odisha_25/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 10 + (Pigs) = 1524

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 78

Total No of Animals to be Sampled = 909 (Restricted)

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
Anugul	Anugul	Anugul (M) - Ward No.15	891	13
Balangir	Bangomunda	Bangomunda (Ct)	30	11
Balangir	Titlagarh	Titlagarh (NAC) - Ward No.14	52	12
Baleshwar	Remuna	Hatiagand	21	10
Baleshwar	Basta	Badkhudi	23	11
Baleshwar	Singla	Jayanagarpatna	44	12
Baleshwar	Raibania	Bardiha	106	13
Baleshwar	Raibania	Samnagar	123	13
Bargarh	Attabira	Hiralipali	31	11
Bargarh	Barapali	Barapali (NAC) - Ward No.3	149	13
Cuttack	Cuttack	Cuttack (M Corp.) - Ward No, 45	30	11
Deogarh	Debagarh	Telisuana	28	11
Deogarh	Debagarh	Laimura	30	11
Dhenkanal	Kankadahad	Bhalutangar	26	11
Dhenkanal	Kankadahad	Denga Bahali	83	12
Gajapati	Adva	Geranga	46	12
Gajapati	R.Udaygiri	N.Jhalarasing	152	13
Gajapati	R.Udaygiri	Atilima	477	13
Ganjam	Chhatrapur	Danaiberhampur	17	10
Ganjam	Golanthara	Bhaliagada	30	11
Ganjam	Tarasingi	Kullada (Ct)	66	12
Ganjam	Kodala	Padmapurnuagam	70	12
Ganjam	Purusottampur	Sikula	97	13
Ganjam	Digapahandi	Bhishmagiri	648	13
Jagatsinghapur	Ersama	Ersama	66	12
Jagatsinghapur	Tirtol	Dandamir	96	13

Jajapur	Kaliapani	Kaliapani (Ct)	93	13
Jajapur	Bari - Ramachandrapur	Mendha	133	13
Jharsuguda	Laikera	Bungaberna	29	11
Kalahandi	Thuamul Rampur	Bhatipash	19	10
Kalahandi	Madanpur Rampur	Balibaju	31	11
Kalahandi	Thuamul Rampur	Podapai	32	11
Kalahandi	Thuamul Rampur	Khakesh	43	12
Kalahandi	Jayapatna	Pabli	73	12
Kandhamal	Belaghar	Sanjhiripani	13	9
Kandhamal	Tikabali	Penagaberi	27	11
Kandhamal	Daringbadi	Pangali	33	11
Kandhamal	Tumudibandha	Sirla	45	12
Kandhamal	Tumudibandha	Ghumuragan	130	13
Kandhamal	G.Udayagiri	Khariapada	172	13
Kendrapara	Kendrapara Sadar	Bajipada	93	13
Kendrapara	Rajkanika	Bartani	99	13
Kendujhar	Harichandanpur	Budhipadasantalsahi	38	12
Kendujhar	Daitari	Panchamareservesahi	143	13
Kendujhar	Ghasipura	Tarimul	197	13
Khordha	Balianta	Bhingarpur	52	12
Khordha	Balianta	Raedpada	349	13
Koraput	Dasamantapur	Baragachha	17	10
Koraput	Pottangi	Setrai	25	11
Koraput	Pottangi	Nondaka (Nandaka)	37	11
Koraput	Narayanpatana	Karodapai	43	12
Koraput	Narayanpatana	Talagumandi	100	13
Malkangiri	Kalimela	Eraganda	114	13
Malkangiri	Podia	Silakota	197	13
Mayurbhanj	Suliapada	Dakhaman	14	9
Mayurbhanj	Rairangpur Town	Gopal Bandha (Og)	16	10
Mayurbhanj	Bangiriposi	Kanchhinda	22	10
Mayurbhanj	Kaptipada	Hill Block No-31	32	11
Mayurbhanj	Suliapada	Badnachna	43	12
Mayurbhanj	Muruda	Ajana	55	12

Mayurbhanj	Sharata	Katuria	552	13
Nabarangpur	Umarkote	Bhimaguda	28	11
Nabarangpur	Raighar	Raighar (Ct)	94	13
Nuapada	Boden	Damajhar	0	0
Puri	Satyabadi	Fulaalasa	203	13
Rayagada	Rayagada	Kampomaligan	13	9
Rayagada	Gunupur	Gota	18	10
Rayagada	Chandrapur	Budubali	25	11
Rayagada	Gudari	Khaira Guda	51	12
Rayagada	Gunupur	Gobariguda	70	12
Rayagada	Kalyanasingpur	Panchakudi	78	12
Sambalpur	Mahulpalli	Kesaibahal	41	12
Sambalpur	Mahulpalli	Baliturei	51	12
Sonepur	Sonapur	Sonapur (M) - Ward No.11	129	13
Sonepur	Binika	Binika (NAC) - Ward No.3	203	13
Sundargarh	Bisra	Khuntgaon	37	11
Sundargarh	Talasara	Phalsa	89	12
Sundargarh	Talasara	Kurei	124	13
			Grand Total	909

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Punjab_27/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages Having 15 + (Pigs) = 709

Level of 100 - % Protection = 0.20

Village Level % *(100 - %Protection) = 0.06

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 57 (+3 villages Reserved)

Total No of Animals to be Sampled = 702

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
Amritsar	Baba Bakala	Lidher (15)	82	12
Amritsar	Ajnala	Nawan Pind (273)	130	13
Barnala	Barnala	Malian (433)	58	12
Bathinda	Maur	Maur (M Cl) - Ward No.6	84	12
Bathinda	Bathinda	Bathinda (M Cl) - Ward No.26	126	13
Faridkot	Faridkot	Faridkot (Rural) (75)	38	12
Fatehgarh Sahib	Bassi Pathana	Bhaganpur (303)	43	12
Fatehgarh Sahib	Amloh	Kaulgarh (167)	63	12
Fazilka	Fazilka	Karni Khera (248)	75	12
Fazilka	Abohar	Abohar (M Cl) - Ward No.24	172	13
Firozpur	Firozpur	Dastul Sahibwala (124)	70	12
Firozpur	Firozpur	Malwal (201)	142	13
Gurdaspur *	Gurdaspur	Tugalwala (533)	18	10
Gurdaspur	Dera Baba Nanak	Lukmania (411)	27	11
Gurdaspur	Dera Baba Nanak	Pabbarali (349)	40	12
Gurdaspur	Dera Baba Nanak	Dargabad (410)	60	12
Gurdaspur	Batala	Purian Khurd (137)	115	13
Gurdaspur	Batala	Thatha (333)	160	13
Hoshiarpur	Hoshiarpur	Lambra (80)	20	10
Hoshiarpur	Hoshiarpur	Nara (498)	29	11
Hoshiarpur	Hoshiarpur	Mandial (204)	54	12
Hoshiarpur	Mukerian	Tanda Churian (398)	119	13
Hoshiarpur	Hoshiarpur	Kheowal (223)	152	13
Hoshiarpur	Hoshiarpur	Fatehpur(423)	165	13
Jalandhar	Jalandhar - I	Diwali (243)	50	12
Jalandhar	Phillaur	Dhesian Sang (233)	63	12
Jalandhar	Phillaur	Ashaur (159)	65	12
Jalandhar	Phillaur	Bundala (27)	130	13
Jalandhar	Jalandhar - I	Lesariwala (145)	160	13
Kapurthala	Kapurthala	Patti Khijarplur	59	12
Kapurthala	Phagwara	Dumeli (8)	110	13
Kapurthala	Sultanpur Lodhi	Chananwindi (183)	200	13

Reserved

Ludhiana *	Raikot	Lohat Badi (2)	35	11	Reserved
Ludhiana	Payal	Barmalipur (237)	50	12	
Ludhiana	Ludhiana (West)	Gaunspur (131)	50	12	
Ludhiana	Payal	Ghudani Kalan (228)	108	13	
Ludhiana	Ludhiana (East)	Khasi Kalan (183)	258	13	
Mansa	Mansa	Hodla Kalan (31)	50	12	
Mansa	Mansa	Bir Khurd (27)	144	13	
Moga	Moga	Kapure (34)	65	12	
Moga	Dharamkot	Said Jalalpur (224)	75	12	
Muktsar	Gidderbaha	Thehri (19)	24	11	
Muktsar	Muktsar	Lubhanianwali (139)	28	11	
Nawanshahr (Sbs Nagar)	Nawanshahr	Nawanshahr (M CI) - No.13 Ward	140	13	
Pathankot	Pathankot	Jhako Lahri (181)	61	12	
Pathankot	Pathankot	Ghoh (Ct)	150	13	
Patiala	Patiala	Kheri Gujran (OG) - Ward No.39	25	11	
Patiala	Rajpura	Shambhoo Kalan (146)	38	12	
Patiala	Patiala	Patiala (M Corp.) - Ward No.60	57	12	
Patiala	Rajpura	Bapraur (143)	62	12	
Patiala	Samana	Fatehpur (11)	125	13	
Rupnagar	Chamkaur Sahib	Akbarpur (245)	55	12	
Rupnagar	Chamkaur Sahib	Saheri (240)	66	12	
S.A.S Nagar *	Dera Bassi	Tasimbli (165)	82	12	Reserved
S.A.S Nagar	Sas Nagar (Mohali)	Giga Majra (281)	144	13	
Sangrur	Bhawanigarh	Bhawanigarh (M CI) - Ward No.8	90	13	
Sangrur	Lehra	Fatehgarh (50)	108	13	
Sangrur	Sangrur	Sahoke (83)	157	13	
Tarn Taran	Patti	Abadi Baba Sodhi Ji	110	13	
Tarn Taran	Tarn Taran	Bhaini Sidhwan (86)	167	13	
			Grand Total	702#	

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

#,do not include counts of reserved villages

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Rajasthan_28/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages Having 1 + (Pigs) = 2014

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 77

Total No of Animals to be Sampled = 1066 (862 Restricted)

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
Ajmer	Ajmer	Balwanta	68	12
Alwar	Rajgarh	Gola Ka Bas	24	11
Alwar	MALAKHERA	Mala Khera	272	13
Alwar	Alwar	Alwar (M Cl) - Ward No.10	303	13
Banswara	ANANDPURI	Phalwan	4	4
Banswara	Garhi	Bhatar	6	6
Baran	Shahbad	Khiriya	44	12
Baran	Atru	Atru (Ct)	254	13
Barmer	Dhanau	EKLIYA DHORA	5	5
Barmer	Barmer	Barmer (M) - Ward No.1	36	11
Barmer	Sindhari	Sindari Chaseera	198	13
Bharatpur	Kumher	Thairawar	24	11
Bharatpur	Bayana	Ajnoli	78	12
Bharatpur	Nadbai	Nadbai (M) - Ward No.9	205	13
Bhilwara	Jahazpur	Piplund	80	12
Bhilwara	Beejoliya	Beejoliya Kalan (Ct)	139	13
Bikaner	Bikaner	Bikaner (M Cl) - Ward No.26	31	11
Bikaner	Bikaner	Bikaner (M Cl) - Ward No.18	108	13
Bundi	Hindoli	Pech Ki Baori	38	12
Bundi	Bundi	Bundi (M) - Ward No.40	4445	13
Chittorgarh	Chittaurgarh	Sawa (Ct)	48	12
Chittorgarh	Rawatbhata	Bhainsrorgarh	173	13
Churu	Churu	Churu (M) - Ward No.26	26	11
Churu	Sujangarh	Sujangarh (M) - Ward No.32	61	12
Dausa	Nangal Rajawthan	Manpuria	29	11
Dausa	Mandawar	Baijupara	75	12

Dholpur	Rajakhera	Rahsena	12	9
Dholpur	Bari	Dhannu Ka Pura	37	11
Dungarpur	Simalwara	Nanora	0	0
Ganganagar	Ganganagar	Ganganagar (M Cl) - Ward No.42	3	3
Ganganagar	Anupgarh	2 Bsm	10	8
Ganganagar	Sadulshahar	25 Ksd-A	22	10
Ganganagar	Karanpur	Karanpur (M) - Ward No.5	29	11
Ganganagar	Sadulshahar	22 Ksd (Gadarkhera)	35	11
Ganganagar	Suratgarh	5 Shpd-A	37	11
Ganganagar	Sadulshahar	Sadulshahar (M) - Ward No.18	40	12
Ganganagar	Suratgarh	Suratgarh (M) - Ward No.26	302	13
Hanumangarh	Hanumangarh	7 Snm	6	6
Hanumangarh	Pilibanga	5 Pbn	30	11
Hanumangarh	Hanumangarh	Hanumangarh (M) - Ward No.41	42	12
Hanumangarh	Nohar	Nohar (M) - Ward No.4	135	13
Hanumangarh	Pilibanga	Pilibanga (M) - Ward No.25	244	13
Jaipur	KOTKHAWDA	Roopaheri Kalan	13	9
Jaipur	Mauzamabad	Khatwar	20	10
Jaipur	KOTKHAWDA	Kheraraniwas	25	11
Jaipur	Jaipur	Jaipur (M Corp.) (Part) - Ward No. 81	61	12
Jaipur	Phagi	Renwal Manji	159	13
Jaisalmer	Bhaniyana	Masooriya	85	12
Jaisalmer	Bhaniyana	Dhauhasar	156	13
Jalore	Raniwara	Kot Ki Dhani	0	0
Jhalawar	Bakani	Ratlai	48	12
Jhalawar	Bakani	Bakani (Ct)	581	13
Jhunjhunu	Khetri	Jasrapur	74	12
Jhunjhunu	Udaipurwati	Mawta	109	13
Jodhpur	Pipar City	Pipar City (M) - Ward No.22	16	10
Jodhpur	Jodhpur	Jodhpur (M Corp.) - Ward No.42	179	13
Jodhpur	Jodhpur	Basni Bedan	855	13
Karauli	Hindaun	Chinayata	21	10
Karauli	Karauli	Atewa	48	12
Kota	Digod	Kotra Deepsingh	95	13

Kota	Sangod	Bapawar Kalan	629	13
Nagaur	Parbatsar	Peeh	48	12
Nagaur	Parbatsar	Parbatsar (M) - Ward No.13	175	13
Nagaur	Parbatsar	Parbatsar (M) - Ward No.12	458	13
Pali	Jaitaran	Kurki	90	13
Pali	Pali	Gundoj	292	13
Pratapgarh	Pratapgarh	Pratapgarh (M) - Ward No.3	88	12
Pratapgarh	Pratapgarh	Pratapgarh(M)-Ward No. 26	101	13
Rajsamand	Amet	Jeelola	55	12
Rajsamand	Nathdwara	Nathdwara (M) - Ward No.20	1347	13
Sawai Madhopur	Chauth Ka Barwara	Paondera	34	11
Sawai Madhopur	VAJEERPUR	Wazeerpur	121	13
Sikar	Sri Madhopur	Raipur Jageer	53	12
Sikar	Neem-Ka-Thana	Jeelo	108	13
Sirohi	Abu Road	Abu Road (M) - Ward No.24	61	12
Tonk	Malpura	Brijlal Nagar (OG) - Ward No.21	40	12
Tonk	Dooni	Dooni	208	13
			Grand Total	862

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Sikkim_29/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages Having 30 + (Pigs) = 242

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.06

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 56 (+3 Reserved Villages)

Total No of Animals to be Sampled = 702

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample	
East District *	Gangtok	Byeng	34	11	Reserved
East District	Rangpo	Kamerey	44	12	
East District	Rongli	Chujachen	59	12	
East District	Rongli	Dolepchen	62	12	
East District	Pakyong	Linkey	71	12	
East District	Gangtok	DARAGOAN	72	12	
East District	Gangtok	Nandok	81	12	
East District	Rangpo	West Pendam	84	12	
East District	Gangtok	Naitam	88	12	
East District	Gangtok	Marchak	91	13	
East District	Gangtok	Lingzey (Assam)	118	13	
East District	Gangtok	Syari	118	13	
East District	Gangtok	Dung Dung	122	13	
East District	Gangtok	Patuk	181	13	
East District	Gangtok	Rakdong	199	13	
East District	Gangtok	Assam	277	13	
East District	Gangtok	Tumin	294	13	
North District	Kabi	Kabi	47	12	
North District	Mangan	Singhik Sentam	58	12	
North District	Dzongu	Gnon Sangdong	83	12	
North District	Mangan	Swayem	87	12	
North District	Mangan	Ringhim	89	12	
North District	Dzongu	Sangtok	105	13	
North District	Dzongu	Hee-Gyathang	107	13	
South District	Jorethang	Dhargaon	39	12	
South District	Ravong	Tingmo	41	12	
South District	Namchi	Daring	54	12	
South District	Namchi	Salleybong	54	12	
South District	Namchi	Aifaltar	64	12	
South District	Namchi	Bikmat	66	12	
South District	Namchi	Sorok	69	12	
South District *	Namchi	Boomtar	69	12	Reserved

South District	Ravong	Sanganath	84	12	
South District	Jorethang	Salghari	88	12	
South District	Jorethang	Dorop	90	13	
South District	Yangang	Neh-Brum	103	13	
South District	Namchi	Kateng-Bokrang	123	13	
South District	Ravong	Legship	127	13	
South District	Namchi	Gom	130	13	
South District	Namchi	Karek	154	13	
South District	Namchi	Pamphok	162	13	
South District	Namchi	Chemchey	240	13	
South District	Yangang	Rangang	253	13	
South District	Namchi	Jaubari	613	13	
West District	Soreng	Rinchenpong	40	12	
West District	Soreng	Samsing	58	12	
West District	Soreng	Tharpu	66	12	
West District	Gyalshing	Darap	86	12	
West District *	Soreng	Mabong	89	12	Reserved
West District	Gyalshing	Yangthang	102	13	
West District	Soreng	Takothang	102	13	
West District	Soreng	Dhallam	103	13	
West District	Soreng	Chakung	118	13	
West District	Soreng	Karthok	141	13	
West District	Dentam	Hee	142	13	
West District	Soreng	Zoom	182	13	
West District	Gyalshing	Tikjya	211	13	
West District	Soreng	Malbasey	213	13	
West District	Soreng	Tikpur	318	13	
			Grand Total	702#	

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

#,do not include counts of reserved villages

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Tamil Nadu_30/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages Having 20 + (Pigs) = 553

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.06

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 54

Total No of Animals to be Sampled = 673 (Restricted)

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
Coimbatore	Valparai	Valparai (TP) - Ward No.10	70	12
Coimbatore	Sulur	Vadambacheri	203	13
Cuddalore	Tittakudi	Avatti	68	12
Cuddalore	Tittakudi	Irulampattu	139	13
Dharmapuri	Pennagaram	Nagamarai	43	12
Dharmapuri	Dharmapuri	Laligam	44	12
Dindigul	Dindigul	Dindigul (M) - Ward No.34	56	12
Dindigul	Palani	Kovilammappatti	108	13
Erode	Gobichettipalayam	Emmampoondi	90	13
Erode	Erode	Nanjaikalamangalam	350	13
Kanchipuram	Kancheepuram	Sevilimedu	35	11
Kanniyakumari	Vilavancode	Manjalumoodu (Ct)	528	13
Kanniyakumari	Anjugrammam	Anjugramam (TP) - Ward No.1	680	13
Karur	Krishnarayapuram	Renganathapuram (South)	191	13
Krishnagiri	Hosur	Mugalur	65	12
Krishnagiri	Denkanikottai	Kempatti	215	13
Madurai	Melur	Kunnarampatti	31	11
Madurai	Vadipatti	Mullipallam	92	13
Nagapattinam	Tharangambadi	Thiruvidakazhi	40	12
Namakkal	Namakkal	Kalkurchi	68	12
Namakkal	Rasipuram	Kallankulam	450	13
Perambalur	Perambalur	Aiyilur	55	12
Pudukkottai	Pudukkottai	Pudukkottai (M) - Ward No.12	53	12
Ramanathapuram	Kamuthi	Kamuthi (TP) - Ward No.2	80	12
Ramanathapuram	Kadaladi	Kannirajapuram	264	13
Salem	Veeraganur	Veeraganur ((TP) - Ward No.3	85	12

Salem	Attur	Kalpaganur	265	13
Sivaganga	Devakkottai	Devakottai (M) - Ward No.25	32	11
Sivaganga	Kanadukathan	Kanadukathan (TP) - Ward No.6	610	13
Thanjavur	Thanjavur	Nanjikottai (Ct)	99	13
Thanjavur	Thanjavur	Thanjavur (M) - Ward No.44	142	13
Theni	Kombai	Kombai (TP) - Ward No.15	62	12
Theni	Thevaram	Thevaram (TP) - Ward No.6	120	13
Thiruvallur	Tiruvallur	Thiruvallur (M) - Ward No.15	68	12
Thiruvallur	Gummidipoondi	Pappankuppam	160	13
Thiruvarur	Mannargudi	Mannargudi (M) - Ward No.3	68	12
Thiruvarur	Kodavasal	Thiruvizhimizhalai	186	13
Tiruchirappalli	Lalgudi	Puduruthamanur	31	11
Tiruchirappalli	Srirangam	K.Kallikudy North	121	13
Tirunelveli	Alangulam	Udayampuli	95	13
Tirunelveli	Shenkottai	Vallam (Part)	390	13
Tiruppur	Udumalaipettai	Kannamanaickanur	58	12
Tiruppur	Dharapuram	Peramium	77	12
Tiruvannamalai	Chengam	Perumuttam	102	13
Tiruvannamalai	Polur	Seengadu	230	13
Tuticorin	Srivaikuntam	Karungulam	48	12
Tuticorin	Kalugumalai	Kalugumalai (TP) - Ward No.5	113	13
Vellore	Jolarpet	Jolarpet (TP) - Ward No.12	83	12
Vellore	Gudiyatham	Mailpatti	120	13
Villupuram	Kallakkurichi	Kallakkurichi (TP) - Ward No.13	55	12
Villupuram	Sankarapuram	Aviriyur	90	13
Villupuram	Ananthapuram	Ananthapuram (TP) - Ward No.11	148	13
Virudhunagar	Sattur	Venkatachalapuram (Ct)	61	12
Virudhunagar	Aruppukkottai	Aruppukkottai (M) - Ward No.5	127	13
			Grand Total	673

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Tripura_32/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 200 + (Pigs) = 344

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 82 (+9 Villages Reserved)

Total No of Animals to be Sampled = 1066

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample	
Dhalai	Manu	Chiching Cherra	365	13	
Dhalai	Manu	Longtharai R.F.	440	13	
Dhalai	Ambassa	Balaram	450	13	
Dhalai *	Manu	Paschim Masli	458	13	Reserved
Dhalai	Dumburnagar	Kalyansing	576	13	
Dhalai	Manu	Sindhu Kumar Para	624	13	
Dhalai	Ganganagar	Chakmapara	910	13	
Dhalai	Ganganagar	Siddhapara	1218	13	
Dhalai	Ganganagar	Karnamanipara	1229	13	
Dhalai	Ambassa	Kulai R.F.	1250	13	
Dhalai	Manu	Dakshin Dhumachhara	1301	13	
Gomati	Ompi	Baisyamanipara	219	13	
Gomati	Kakraban	Purba Mirza	273	13	
Gomati	Killa	Jalema	283	13	
Gomati	Killa	Raiabari	294	13	
Gomati	Killa	Uttar Brajendranagar	317	13	
Gomati *	Killa	Kachigang	327	13	Reserved
Gomati	Silachari	Silachari	391	13	
Gomati	Ompi	Palkuchhara	410	13	
Gomati	Karbook	Purba Manikya Dewan	510	13	
Gomati	Karbook	Patichhari	551	13	
Gomati	Killa	Bagma	1069	13	
Gomati	Kakraban	Uttar Shilghati	1172	13	
Gomati	Killa	Killa	1291	13	
Khowai	Mungiakami	Uttar Gokulnagar	215	13	
Khowai	Kalyanpur	Nakshirai Debbarma	238	13	
Khowai	Tulashikhar	Purba Singhicharra	250	13	
Khowai *	Mungiakami	Ramkrishnapur	286	13	Reserved
Khowai	Padmabil	Khirode Nagar	309	13	
Khowai	Mungiakami	Kakrachara	335	13	
Khowai	Mungiakami	Atharamura	398	13	
Khowai	Padmabil	Purba Belcherra	431	13	

Khowai	Padmabil	Upendra Nagar	440	13	
Khowai	Teliamura	Dakshin Pulinpur	776	13	
North Tripura	Damchhara	Juri R.F.	295	13	
North Tripura	Dasda	Purba Satnala	303	13	
North Tripura	Dasda	Gachirampara	381	13	
North Tripura *	Damchhara	West Damcherra	387	13	Reserved
North Tripura	Dasda	Khakchang Para	449	13	
North Tripura	Dasda	Shakhan Shehrmun	456	13	
North Tripura	Dasda	East Bhandarima	537	13	
North Tripura	Dasda	Dakshin Tuisama	585	13	
North Tripura	Damchhara	Uttamjoypara	1002	13	
North Tripura	Damchhara	Thumsaraipara	1425	13	
Sepahijala	Kathalia	Thalibari	263	13	
Sepahijala	Charilam	Padmanagar	310	13	
Sepahijala	Jampuijala	Ujan Ghaniamara	359	13	
Sepahijala *	Jampuijala	Jagaihari	388	13	Reserved
Sepahijala	Jampuijala	Dayarampara	415	13	
Sepahijala	Jampuijala	Pascim Ratanpur	434	13	
Sepahijala	Jampuijala	Prabhapur	459	13	
Sepahijala	Jampuijala	Choygharia	550	13	
Sepahijala	Kathalia	Uttar Paharpur	559	13	
Sepahijala	Jampuijala	Golirabari	586	13	
Sepahijala	Jampuijala	Latia Charra	588	13	
Sepahijala	Boxanagar	Dhanirampur	601	13	
South Tripura	Bokafa	Lawgangsom	215	13	
South Tripura *	Rajnagar	Trishna	298	13	Reserved
South Tripura	Jolaibari	Tuirbhuma Kowaifung	320	13	
South Tripura	Bokafa	Patichari	335	13	
South Tripura	Bokafa	Kathaliachara	342	13	
South Tripura	Jolaibari	Purba Pillak	345	13	
South Tripura	Rupaichhari	Dakshin Manu Bankul	366	13	
South Tripura	Hrishyamukh	Mohininagar	368	13	
South Tripura	Satchand	Sakhbari	377	13	
South Tripura	Bokafa	Dakshin Takmachhara	468	13	
South Tripura	Rajnagar	Batisha	469	13	
South Tripura	Jolaibari	Srikantabari	473	13	
Unakoti	Kumarghat	East Betcherra (East Raitwisa)	258	13	
Unakoti *	Pencharthal	Sonarampara	393	13	Reserved
Unakoti	Kumarghat	Deovelly	416	13	
Unakoti	Kumarghat	Rajkandi	454	13	

Unakoti	Pencharthal	Dakshin Machmara	597	13	
Unakoti	Kumarghat	Darchawi	683	13	
Unakoti	Kumarghat	Dengdung	781	13	
West Tripura	Hezamara	Purba Simna	209	13	
West Tripura	Dukli	East Jarulbachai	212	13	
West Tripura *	Hezamara	Paschim Chandpur	247	13	Reserved
West Tripura	Jirania	Paschim Barjala	248	13	
West Tripura	Old Agartala	Dhupchara	266	13	
West Tripura	Belbari	Champabari	288	13	
West Tripura	Lefunga	Sipai Para	288	13	
West Tripura	Belbari	Paschim Jiraniakhala	329	13	
West Tripura	Belbari	Saidra	330	13	
West Tripura	Hezamara	Sonaram	332	13	
West Tripura *	Lefunga	Sambhu Ram Para	345	13	Reserved
West Tripura	Lefunga	Abhicharan	347	13	
West Tripura	Belbari	Champaknagar	354	13	
West Tripura	Mandai	Ramchandranagar	368	13	
West Tripura	Lefunga	Uttar Bodhjungnagar	406	13	
West Tripura	Belbari	East Belbari	474	13	
			Grand Total	1066#	

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

#,do not include counts of reserved villages

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Telangana_31/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 30 + (Pigs) = 834

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.04

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 84

Total No of Animals to be Sampled = 1073

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
Adilabad	Bela	Bela	307	13
Adilabad	Adilabad	Adilabad Ward No 24	896	13
BHADRADRI KOTHAGUDEM	Dammapeta	Dammapeta	75	12
BHADRADRI KOTHAGUDEM	Dummugudem	Kothuru	156	13
BHADRADRI KOTHAGUDEM	Aswaraopeta	Aswaraopeta	296	13
Jagitial	Medipalle	Pormalla	248	13
Jagitial	Metpalli	Metpally - Indira Nagar	1518	13
JANGOAN	Kodakandla	Regula	59	12
JANGOAN	Jangaon	Oblakeshvapur	194	13
JAYASHANKAR BHUPALAPALLY	Tekumatla	Venkatrapalle	81	12
JAYASHANKAR BHUPALAPALLY	Bhupalpalle	Gudadupalle	83	12
JAYASHANKAR BHUPALAPALLY	Venkatapur	Narasapuram	101	13
JOGULAMBA GADWAL	Manopad	Boravelle	72	12
JOGULAMBA GADWAL	Ghattu	Ghattu	425	13
KAMAREDDY	Birkoor	Birkoor	127	13
KAMAREDDY	Bhiknoor	Jangampalle	185	13
KAMAREDDY	Madnoor	Madnur	200	13
Karimnagar	Gangadhara	Gangadhara	143	13
Karimnagar	Karimnagar	Karimnagar (M) - Ward No.1	172	13
Khammam	Nelakondapalle	Cheruvu Madharam	109	13
Khammam	Chinthakani	Kodumuru	141	13
Khammam	Nelakondapalle	Nachepalle	163	13
KUMURAM BHEEM ASIFABAD	Bejjur	Marthadi	100	13
MAHABUBABAD	Thorrur	Chikataipalem	88	12
MAHABUBABAD	Maripeda	Maripeda	837	13
Mahbubnagar	Narayanpet	Ammireddipalle	70	12

Mahbubnagar	Addakal	Ponnakal	183	13
Mahbubnagar	Bhoothpur	Gopalapur (Khurd)	191	13
Mahbubnagar	Addakal	Rachala	267	13
Mahbubnagar	Maganoor	Neradgam	328	13
MANCHERIAL	Kasipet	Devapur (Ct)	162	13
MANCHERIAL	Nasipur	Thallapalle (Ct)	302	13
Medak	Kulcharam	Kulcharam	126	13
Medak	Ramayampet	Sutarpalle	155	13
MEDCHAL MALKAJGIRI	Keesara	Rampalle (Og)	126	13
MEDCHAL MALKAJGIRI	Ghatkesar	Edulabad	635	13
NAGARKURNOOL	Bijinapalle	Manganur	101	13
NAGARKURNOOL	Tadoor	Medipur	314	13
NAGARKURNOOL	Achampet	Tangapur (Ct)	402	13
Nalgonda	Chityala	Pedakaparthi	35	11
Nalgonda	Nalgonda	Nalgonda (R) (OG) - Ward No.10	50	12
Nalgonda	Marriguda	Damera Bheeman Palle	78	12
Nalgonda	Marriguda	Khudabaksh Palle	163	13
Nalgonda	Thipparthi	Thipparthi	501	13
Nalgonda	Kattangoor	Parada	672	13
Nirmal	Nirmal	Nirmal Ward No 34	77	12
Nirmal	Mudhole	Mudhole	149	13
Nirmal	Nirmal	Nirmal Ward No 36	152	13
Nizamabad	Bodhan	Mavandi (Khurd)	45	12
Nizamabad	Bodhan	Mandharna	91	13
Nizamabad	Sirkonda	Nyavandi	99	13
Nizamabad	Bheemgal	Bheemgal	128	13
Nizamabad	Velpur	Padgal	139	13
PEDDAPALLI	Elgaid	Elgaid	107	13
PEDDAPALLI	Ramagundam	Ramagundam (M) - Ward No.3	160	13
RAJANNA SIRCILLA	Ellanthakunta	Galipalle	82	12
RAJANNA SIRCILLA	Yellareddipet	Boppapuram	196	13
Rangareddi	Madgul	Kalakonda	82	12
Rangareddi	Yacharam	Nandiwanaparthi	109	13
Rangareddi	Madgul	Girikothapalle	130	13

Rangareddi	Kandukur	Gummadavalle	165	13
Rangareddi	Serilingampally	GHMC Ward-105:Gowlidoddi & Nanakramguda	1149	13
SANGAREDDY	Patancheru	Indresham	47	12
SANGAREDDY	Zahirabad	Kasimpur	59	12
SANGAREDDY	Kalher	Bachepalle	110	13
SANGAREDDY	Ramachandrapuram	Tellapur (Og)	122	13
SANGAREDDY	Patancheru	Pashamylaram	207	13
SANGAREDDY	Patancheru	Lakdaram	384	13
SIDDIPET	Siddipet	Ensanpalle	80	12
SIDDIPET	Cherial	Cherial	486	13
SURYAPET	Thungathurthi	Velug Palle	62	12
SURYAPET	Mella Cheruvu	Mella Cheruvu	110	13
SURYAPET	Munagala	Kalakova	189	13
VIKARABAD	Tandur	Kothlapur Khurd	134	13
VIKARABAD	Basheerabad	Navandgi (Ct)	210	13
VIKARABAD	Kodangal	Kodangal	681	13
WANAPARTHY	Madanapur	Ajjakollu	101	13
WANAPARTHY	Pangal	Remaddula	150	13
Warangal Rural	Raiparthy	Ookal (P.R)	90	13
Warangal Rural	Wardhannapet	Wardhannapet	296	13
WARANGAL URBAN	Elkathurthi	Elkathurthi	160	13
WARANGAL URBAN	Warangal	Warangal (GWMC) - Ward No.8	229	13
YADADRI BHUVANAGIRI	Narayanapur	Sarvail	120	13
YADADRI BHUVANAGIRI	Yadagirigutta	Yadagirigutta (Ct)	248	13
			Grand Total	1073

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Uttarakhand_34/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages Having 1 + (Pigs) = 407

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.06

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 52

Total No of Animals to be Sampled = 557 (Restricted)

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
Almora	Almora (CB)	Almora (CB) - Ward No.1	10	8
Almora	Almora	Almora (MB) -Nandadevi Ward No.11	20	10
Almora	Ranikhet (CB)	Ranikhet (CB)- Ward No. 6	24	11
Almora	Ranikhet (CB)	Ranikhet (CB)- Ward No. 5	33	11
Almora	Almora	Almora (MB) -N.T.D. Ward No.4	48	12
Almora	Ranikhet (CB)	Ranikhet (CB)- Ward No. 3	49	12
Almora	Almora	Almora (MB) -Rajpura Ward No.10	143	13
chamoli	Joshimath	Joshimath (MB) - Singhdhaar Ward No.4	14	9
chamoli	Nandprayag	Nandprayag (NP) -Shakuntala Bagad Ward No.2	34	11
chamoli	Karnaprayag	Karnaprayag (MB) -Bus Station Semi Ward No.6	52	12
chamoli	Chamoli Gopeshwar	Chamoli Gopeshwar (MB) -Kund Colony Ward No.3	73	12
chamoli	Gochar	Gochar (MB) -Rawalnagar Malla Ward No.5	83	12
Champawat	Banbasaa	Banbasa (NP)- Main Bazaar Ward No.4	16	10
Champawat	Banbasaa	Banbasa (NP)- Nayi Bashti Ward No.5	23	11
Dehradun	Rishikesh	Rishikesh (M.Corp) -Mansha Devi Ward No.37	20	10
Dehradun	Dehradun	Dehradun (M.Corp) -Indira Colony Ward No.18	56	12
Dehradun	Dehradun	Dehradun (M.Corp) -Rajpur Ward No.4	64	12
Haridwar	Roorkee	Bhagwanpur Chandanpur	25	11
Haridwar	Bhagwanpur	Banjarewala Grunt	145	13
Nainital	Lalkuan	Lalkuan (NP) - Gaandhi Nagar Ward No.2	10	8
Nainital	Haldwani Kathgodam	Haldwani-cum-Kathgodam (M.Corp) - Gaandhi Nagar Ward No.27	40	12
Nainital	Ramnagar	Ramnagar (MB) - Jatav Bashti Ward No.17	58	12

Nainital	Haldwani Kathgodam	Haldwani-cum-Kathgodam (M.Corp) - Tanakpur Road Ward No.14	86	12
Nainital	Ramnagar	Anand Nagar	123	13
Pauri Garhwal	Swargashram Jonk	Swargashram (NP) -Lakshmanjhula Ward No.1	6	6
Pauri Garhwal	Kotdwara	Kotdwara (M.Corp) - Trilokpur Ward No.35	16	10
Pauri Garhwal	Lansdowne	Lansdowne (CB) Ward No. 6	29	11
Pauri Garhwal	Kotdwara	Kotdwara (M.Corp) - Jonpur Ward No.14	35	11
Pauri Garhwal	Kotdwara	Sona Nadi Range (P-2)	37	11
Pauri Garhwal	Kotdwara	Kotdwara (M.Corp) - Kaudiya Ward No.7	43	12
Pauri Garhwal	Dogadda	Dogadda (MB) Dhaniram Bazar Dugadda Ward No.1	62	12
Pauri Garhwal	Pauri	Pauri (MB) - Chwincha gaon/Kandai gaon Ward No.3	111	13
Pauri Garhwal	Kotdwara	Kotdwara (M.Corp) - Shivpur Ward No.18	150	13
Pauri Garhwal	Srinagar	Srinagar (MB) - Kansmardani Sain Ward No.6	386	13
Pithoragarh	Pithoragarh	Kasani	4	4
Pithoragarh	Didihat	Didihat (MB) - Ambedkar Ward No.3	5	5
Pithoragarh	Dharchula	Dharchula Dehat	16	10
Pithoragarh	Dharchula	Duti Bagad	24	11
Pithoragarh	Dharchula	Baluwakot	30	11
Pithoragarh	Pithoragarh	Pithoragarh Naya Bazaar (MB) - Ward No.10	30	11
Rudraprayag	Rudraprayag	Kumoli	0	0
Tehri Garhwal	Tehri	Kandri	10	8
Tehri Garhwal	Tehri	Tehri (MB) - Ward No.1	13	9
Tehri Garhwal	Chamba	Chamba (MB) -Banoshidhi Vatika Mohalla Ward No.6	15	9
Tehri Garhwal	Devaprayag	Devaprayag (MB) (Part) -Shanti Bazaar Ward No.1	99	13
Tehri Garhwal	Tehri	Tehri (MB) -Ward No.7	132	13
Tehri Garhwal	MuniKiReti Dhalwala	Muni Ki Reti (MB) -Kailash Aasram, Bhajangadh Ward No.1	211	13
Udham Singh Nagar	Kashipur	Kashipur (M.Corp) - Patelnagar Ward No.33	28	11
Udham Singh Nagar	Sultanpur	Sultanpur (NP) - Taandabanzara Ward No.3	78	12
Udham Singh Nagar	Jaspur	Jaspur (MB) - Natha Singh Paschami No.3 Ward	757	13
Uttarkashi	Uttarkashi	Uttarkashi (MB) -Jila Chikitsalya Ward No.5	33	11
Uttarkashi	Uttarkashi	Uttarkashi (MB) -Ganga Nagar Ward No.4	76	12
			Garnd Total	557

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/Uttar Pradesh33/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages Having 40 + (Pigs) = 1945

Animal level Prevalence = 0.20

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.04

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 85 (+5 Villages Reserved)

Total No of Animals to be Sampled = 1066

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
Agra	Etmadpur	Garhi Pirthi	182	13
Aligarh	Gabhana	Imlahara	75	12
Aligarh	Aligarh	Aligarh (M Corp.) - Ward No.25	148	13
Allahabad	Meja	Nivauya	98	13
Allahabad	Shankargarh	Shankargarh (NP) - Ward No.7	251	13
Ambedkar Nagar	Tanda	Punthar	97	13
Ambedkar Nagar	Jalalpur	Shahpur Firojpur	147	13
Amroha *	Dhanaura	Chuchaila Kalan	72	12
Amroha	Hasanpur	Hasanpur (MB) - Ward No.2	120	13
Auraiya	Bidhuna	Patti Thakur Gaon	80	12
Azamgarh	Nizamabad	Lakhmanpurpatti Badalrai	76	12
Azamgarh	Sagri	Mansuriyapur	107	13
Baghpat	Baraut	Kakor Kalan	67	12
Bahraich	Nanpara	Gawarkha	70	12
Bahraich	Nanpara	Chaugoie Bilaspur	318	13
Ballia	Ballia	Maldepur	96	13
Ballia	Ballia	Ratshar Kalan	162	13
Balrampur	Utraula	Nathaipur Kanoongo	80	12
Banda	Baberu	Palhree	69	12
Barabanki	Ramsanighat	Gorpur	74	12
Barabanki	Sirauli Gauspur	Bir0Li	76	12
Bareilly	Bareilly	Roopapur Barehpura	84	12
Bijnor	Najibabad	Najibabad (MB) - Ward No.3	95	13
Bijnor	Sahaspur	Sahaspur (NP) - Ward No.1	113	13
Budaun	Budaun	Khunak	82	12
Budaun	Dataganj	Dataganj (NP) - Ward No.2	225	13
Bulandshahr	Bulandshahr	Khawazapur Mirpur	68	12
Bulandshahr	Khurja	Suratpur Kalan	107	13

Reserved

Chandauli	Chandauli	Chandauli (NP) - Ward No.1	270	13	Reserved
Chitrakoot *	Mau	Mau Mustkil	82	12	
Deoria	Deoria	Pathar Hat	82	12	
Etah	Awagarh	Awagarh (NP) - Ward No.1	109	13	
Etawah	Takha	Deeg	58	12	
Farrukhabad	Kaimganj	Kaimganj (MB) - Ward No.9	68	12	
Firozabad	Tundla	Gothua	67	12	
Ghaziabad	Loni	Sharfuddinpur Javli	99	13	
Ghazipur	Zamania	Zamania (MB) - Ward No.13	120	13	
Ghazipur	Seorai	Jagwal	187	13	
Gonda	Gonda	Gird Gonda (Ct)	95	13	
Gonda	Gonda	Chachpara Kanoongo	132	13	
Gorakhpur	Gorakhpur	Takia Medanipur	71	12	
Gorakhpur	Gorakhpur	Bhatahat	75	12	Reserved
Hamirpur	Rath	Rath (MB) - Ward No.16	95	13	
Hapur	Garhmukteshwar	Jakhera Rahmatpur	80	12	
Jalaun *	Jalaun	Dhanora Kala	60	12	
Jaunpur	Mariahu	Kharagasipur	106	13	
Jaunpur	Machhlishahr	Chaobepur	2000	13	
Jhansi	Mauranipur	Katera Rural	96	13	
Kannauj	Tirwa	Tarind	60	12	
Kanpur Dehat	Akbarpur	Jasaura Birsinghpur	54	12	
Kanpur Nagar	Ghatampur	Koriyan	86	12	
Kasganj	Patiyali	Nibaua	92	13	
Kheri	Mohammdi	Bichiya Nagar	91	13	Reserved
Kheri	Palia Kalan	Palia Kalan (MB) - Ward No.1	238	13	
Kushi Nagar	kaptanganj	Belwa Urf Belwania	52	12	
Kushi Nagar	Hata	Rampur Sohrauna	126	13	
Lucknow	Mohanlalganj	Dada Sikandar Pur	69	12	
Maharajganj *	Maharajganj	Dhnewa Dhanei	77	12	
Mahoba	Charkhari	Bagraun	89	12	
Mainpuri	Bhogaon	Manigaon	73	12	
Mathura	Mathura	Ol	77	12	
Meerut	Meerut	Meerut (M Corp.) - Ward No.24	82	12	
Mirzapur	Marihan	Patharkhura	92	13	
Mirzapur	Chunar	Sakraudi	113	13	
Moradabad	Aghwanpur	Aghwanpur (NP) - Ward No.2	54	12	

Moradabad	Moradabad	Moradabad (M Corp.) - Ward No.19	869	13	
Muzaffarnagar	Bhokarhedi	Bhokarhedi (NP) - Ward No.2	82	12	
Pilibhit	Puranpur	Pipriya Dulai	60	12	
Pilibhit	Pilibhit	Pilibhit (MB) - Ward No.2	67	12	
Pratapgarh	Kunda	Kindhauri	70	12	
Pratapgarh	Kunda	Bisaihiya	120	13	
Rae Bareilly	Rae Bareilly	Bela Bhela	112	13	
Rampur	Shahabad	Saifni	80	12	
Rampur	Bilaspur	Hamidabad	84	12	
Saharanpur	Deoband	Kheda Mugal	67	12	
Saharanpur	Saharanpur	Saharanpur(MB)-WardNo.58	99	13	
Sant Kabeer Nagar	Mehdawal	Ghoorpali	109	13	
Sant Kabeer Nagar	Ghanghata	Kodwat	128	13	
Shahjahanpur	Powayan	Badripur Hadira	68	12	
Shahjahanpur	Powayan	Kurganja - I - Ward No.1	121	13	
Shravasti	Ikauna	Janki Nagar	98	13	
Siddharth Nagar	Bansi	Riwana	69	12	
Siddharth Nagar	Domariyaganj	Deaipar	150	13	
Sitapur	Mahmudabad	Ladhauri Raja Sahab	102	13	
Sonbhadra *	Dudhi	Anpara (Ct)	66	12	Reserved
Sonbhadra	Ghorawal	Sahuar	101	13	
Sultanpur	Jaisinghpur	Sisouda	96	13	
Sultanpur	Sultanpur	Bihinidura	200	13	
Unnao	Unnao	Unnao (MB) - Ward No.19	108	13	
Varanasi	Varanasi	Nonkharan	88	12	
			Grand Total	1066#	

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

#,do not include counts of reserved villages

CSF-CP/SERMON/SAMPLING PLAN/NIVEDI/West Bengal_35/Phase I**Stratified Random Sampling:**

Species Selected for Stratification = Pigs

Number of Villages having 50 + (Pigs) = 1793

Level of 100 - % Protection = 0.2

Village Level % *(100 - %Protection) = 0.02

Sensitivity of the test used = 0.9

Specificity Level Prevalence = 0.9

Total No of Villages (Clusters) Selected = 165

Total No of Animals to be Sampled = 2145 (2097 Restricted)

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Pigs Population	Number of Pigs to sample
24 Paraganas North	Naihati	Naihati (M) - Ward No.27	67	12
24 Paraganas North	Sandeshkhali - I	Bholakhali	83	12
24 Paraganas North	Bongaon	Sabhaipur	99	13
24 Paraganas North	Sandeshkhali - Ii	Dwarir Jangle	114	13
24 Paraganas North	Haroa	Khas Balandar	121	13
24 Paraganas North	Barrackpur - I	Palashi (Ct)	157	13
24 Paraganas North	Hingalganj	Sarapkathi	178	13
24 Paraganas North	Hasnabad	Chak Patli	187	13
24 Paraganas North	Hingalganj	Pukuriachak	202	13
24 Paraganas North	Sandeshkhali - Ii	Jeliakhali Pashchim Khanda	265	13
24 Paraganas North	Hingalganj	Dulduli	324	13
24 Paraganas South	Bhangar - Ii	Dharmatala Pachuria	58	12
24 Paraganas South	Basanti	Radharanipur	62	12
24 Paraganas South	Magrahat - I	Lakshikantapur	75	12
24 Paraganas South	Namkhana	Patibania	82	12
24 Paraganas South	Basanti	Basanti (Ct)	85	12
24 Paraganas South	Patharpratima	Paschim Dwarakapur	103	13
24 Paraganas South	Sagar	Khas Ramkarerchhar	118	13
24 Paraganas South	Gosaba	Satjalia	170	13
24 Paraganas South	Magrahat - Ii	Belaria	182	13
24 Paraganas South	Gosaba	Chhota Molla Khali	1025	13
Alipurduar	Kumargram	Paschim Narathali	362	13
Alipurduar	Kalchini	Paschim Satali	506	13
Bankura	Indpur	Maishdabra	54	12
Bankura	Bankura - I	Dhul Kumari	70	12
Bankura	Saltora	Saheb Danga	72	12

Bankura	Sonamukhi	Sonamukhi (M) - Ward No.13	75	12
Bankura	Bankura	Bankura (M) - Ward No.5	80	12
Bankura	Saltora	Sebapur	94	13
Bankura	Bankura - I	Nidaya	108	13
Bankura	Saltora	Chandbad	109	13
Bankura	Sonamukhi	Patjor	110	13
Bankura	Sonamukhi	Patharmara	122	13
Bankura	Saltora	Dightor	143	13
Bankura	Sonamukhi	Dhan Simla	147	13
Bankura	Indpur	Salukdanga	176	13
Bankura	Barjora	Muktatar	180	13
Bankura	Gangajalghati	Shua Basa	183	13
Bardhaman	Kalna - Ii	Singarkon	55	12
Bardhaman	Manteswar	Ujna	67	12
Bardhaman	Raniganj	Raniganj (M) - Ward No.3	75	12
Bardhaman	Ausgram - Ii	Kota Chandipur	92	13
Bardhaman	Kalna - Ii	Kadamba	107	13
Bardhaman	Kulti	Kulti (M) - Ward No.32	114	13
Bardhaman	Ketugram - Ii	Baharan	198	13
Bardhaman	Memari - Ii	Bijur	310	13
Bardhaman	Kalna - Ii	Chhota Baharkuli	320	13
Bardhaman	Ausgram - Ii	Sar	411	13
Birbhum	Illambazar	Nachansaha	67	12
Birbhum	Rampurhat - I	Atla	80	12
Birbhum	Suri - I	Nahudari	81	12
Birbhum	Mayureswar - Ii	Nistia	97	13
Birbhum	Illambazar	Chaupahari Jangal	113	13
Birbhum	Bolpur	Bolpur (M) - Ward No.1	134	13
Birbhum	Murara - I	Harinduba	328	13
Birbhum	Mohammad Bazar	Moubelia	412	13
Birbhum	Mayureswar - Ii	Bandihat	451	13
Birbhum	Murara - I	Ambhua (Ct)	729	13
Coochbehar	Dinhata - Ii	Bara Shakdal	56	12
Coochbehar	Mathabhanga - I	Mahishcharu	76	12

Coochbehar	Tufanganj - I	Airani Chitalia	96	13
Coochbehar	Tufanganj - Ii	Bhandijalas	100	13
Coochbehar	Cooch Behar - I	Chhat Elajan	128	13
Coochbehar	Cooch Behar - I	Hari Bhanga	169	13
Coochbehar	Cooch Behar - I	Nakkati	222	13
Coochbehar	Cooch Behar - I	Dayaler Chhara	704	13
Darjeeling	Rangli Rangliot	Pumong Tea Garden	145	13
Darjeeling	Phansidewa	Dandrajhar	182	13
Darjeeling	Naxalbari	Lohasing	198	13
Darjeeling	Kurseong	Sittong Forest	451	13
Darjeeling	Matigara	Mohorgon Tea Garden	619	13
Dinajpur Dakshin	Tapan	Basuria	62	12
Dinajpur Dakshin	Kumarganj	Chak Mamudi	75	12
Dinajpur Dakshin	Gangarampur	Mastafapur	121	13
Dinajpur Dakshin	Harirampur	Bimalanandapur	144	13
Dinajpur Dakshin	Kumarganj	Jantihari	167	13
Dinajpur Dakshin	Harirampur	Phulat (I)	173	13
Dinajpur Dakshin	Harirampur	Kokil	323	13
Dinajpur Uttar	Kaliaganj	Purba Rampur	51	12
Dinajpur Uttar	Karandighi	Bhatbar	72	12
Dinajpur Uttar	Karandighi	Belbari	110	13
Dinajpur Uttar	Karandighi	Harra	141	13
Dinajpur Uttar	Itahar	Aiho	159	13
Dinajpur Uttar	Raiganj	Kokra	216	13
Dinajpur Uttar	Islampur	Kuargaon	295	13
Dinajpur Uttar	Raiganj	Baje Bindol	315	13
Hooghly	Chinsurah - Magra	Namajghar	56	12
Hooghly	Polba - Dadpur	Puinan	64	12
Hooghly	Polba - Dadpur	Satithan	73	12
Hooghly	Polba - Dadpur	Saranpur	92	13
Hooghly	Pandua	Chaklai	110	13
Hooghly	Balagarh	Rukespur	115	13
Hooghly	Polba - Dadpur	Barun Napara	150	13
Hooghly	Pandua	Pontba	228	13

Hooghly	Goghat - I	Santa	237	13
Hooghly	Pandua	Chau Bera	252	13
Jalpaiguri	Nagrakata	Gatia Tea Garden	260	13
Jalpaiguri	Nagrakata	Chengmari Tea Garden	728	13
Jhargram	Jhargram	Marai Khunti	51	12
Jhargram	Gopiballavpur - I	Kayasol	67	12
Jhargram	Jhargram	Jamindardaya	70	12
Jhargram	Binpur - I	Chotatilabani	79	12
Jhargram	Binpur - I	Keunddangri	79	12
Jhargram	Jamboni	Kapasita	104	13
Jhargram	Jhargram	Baida	109	13
Jhargram	Jhargram	Pasro	110	13
Jhargram	Nayagram	Chandal Bandh(Chamar Bandh)	162	13
Jhargram	Jamboni	Khasibandh	190	13
KALIMPONG	Kalimpong -I	Samether Khasmahal	166	13
Maldah	Harischandrapur - I	Dakshin Harishchandrapur	60	12
Maldah	Habibpur	Mirzabad	75	12
Maldah	Bamangola	Harinandanbati	104	13
Maldah	Maldah (Old)	Dudhabari	120	13
Maldah	Chanchal - Ii	Gaursanda	214	13
Maldah	Habibpur	Tapsahar	263	13
Maldah	Habibpur	Perapur	280	13
Medinipur West	Kharagpur - I	Beniasol	52	12
Medinipur West	Kharagpur - I	Gopali	56	12
Medinipur West	Keshiary	Dhekrar	61	12
Medinipur West	Keshiary	Bagaria	61	12
Medinipur West	Narayangarh	Paikhola	71	12
Medinipur West	Garbeta - I	Mugurasol	81	12
Medinipur West	Debra	Chak Lalpur	89	12
Medinipur West	Narayangarh	Kashi Pur	94	13
Medinipur West	Midnapore	Jamkunda	98	13
Medinipur West	Midnapore	Magurgerya Chhota	106	13
Medinipur West	Garbeta - I	Bhedua Sahebdanga	115	13
Medinipur West	Narayangarh	Chak Palasia	133	13

Medinipur West	Keshiary	Hasim Pur	133	13
Medinipur West	Keshiary	Keshiari	168	13
Medinipur West	Garbeta - Ii	Gotshingla	175	13
Medinipur West	Garbeta - Ii	Dobati	182	13
Medinipur West	Midnapore	Satgerya	186	13
Medinipur West	Garbeta - Ii	Shutkujuri	252	13
Medinipur West	Kharagpur - Ii	Khatranga	323	13
Medinipur West	Keshiary	Kiar Chandra	379	13
Medinipur West	Midnapore	Kolshanda	412	13
Medinipur West	Midnapore	Panchkhuri	660	13
Murshidabad	Sagardighi	Kanchia Bishnudanga	68	12
Murshidabad	Bharatpur - I	Sunuti	96	13
Murshidabad	Sagardighi	Mansinghpur	111	13
Murshidabad	Farakka	Pashupara	115	13
Murshidabad	Sagardighi	Chandigram Raghunathpur	115	13
Murshidabad	Bharatpur - Ii	Dakshin Khanda	212	13
Murshidabad	Jiaganj Azimganj	Jiaganj Azimganj (M) - Ward No.5	213	13
Murshidabad	Raghunathganj - I	Gankar	309	13
Murshidabad	Burwan	Kundal	516	13
Nadia	Haringhata	Uttar Brahma Pur	57	12
Nadia	Haringhata	Ganguria P Ward No. 5	62	12
Nadia	Chapra	Chapra (Ct)	162	13
Nadia	Nabadwip	Nabadwip (M) - Ward No.14	176	13
PASCHIM BARDHAMAN	Kanksa	Piariganj	142	13
PASCHIM BARDHAMAN	Jamuria	Dhasla	190	13
Purulia	Kashipur	Mehi	53	12
Purulia	Puncha	Punura	72	12
Purulia	Raghunathpur - I	Amtor	75	12
Purulia	Puruliya	Puruliya (M) - Ward No.9	86	12
Purulia	Santuri	Dandahit	93	13
Purulia	Jhalda - I	Khatjuri	98	13
Purulia	Hura	Arjjunjora	100	13
Purulia	Bagmundi	Barria	130	13
Purulia	Jhalda - I	Chaupad	137	13

Purulia	Jaipur	Hathimuri	139	13
Purulia	Bagmundi	Bhursu	249	13
Purulia	Jaipur	Baijnathdi Alias Dokatanr	306	13
			Grand Total	2097

Annexure
ICAR-NIVEDI, Bengaluru
Format for sample collection

Sample Details																		
Name of the Veterinary Officer with Mobile number																		
Sl No	Sam ple (ser um) Id	St at e	Dist rict	Blo ck	Villa ge	A ge	Breed (Nam e)	se x	Health status (Healthy/Unhea lthy)	History recent CSFV infectio n (Yes/N o)	History of CSF vaccin ation, if any (Yes/N o)	Lat'	Long'	PI N	Date of collecti on	Date of dispatc h	Remarks	

Budget.

A. For Testing of all samples at ICAR-NIVEDI including preparation of kits (Annexure II describes the in detailed requirement of consumables for preparation of kits below)

Description	Year 1	Year 2	Year 3	Year 4	Total
Non Recurring (A)					
Deep Freezer (-80C)-2 nos	32.00	-	-	-	32.00
Deep Freezer (-20C)	3.00	-	-	-	3.00
Refrigerator s- 2nos	2.00	-	-	-	2.00
Racks and cryoboxes (storage of serum samples inside deep freezer) and other items for storage	34.50	-	-	-	34.50
High end desktop computer having licensed windows/ms office with all accessories and Printer with scanner-2no (Dr SSPatil-1; Dr KP Suresh-1)	6.00	-	-	-	6.00
Laptop with all accessories-2 no (Dr SSPatil-1; Dr KPSuresh-1)	4.00	-	-	-	4.00
High Configured work station with complete accessories, 1 no (Dr KPSuresh)	15.00	-	-	-	15.00
Total (A)	96.50	-	-	-	96.50
Recurring (B)					
Research Associate-2nos Rs.49000+24%HRA (11760)=Rs60760x2=121520x12=1458240	14.58240	14.58240	14.58240	14.58240	58.3296
JRF/SRF (2 Nos): Rs.31000+24%HRA=Rs.38440 x 12 months for 1 st and 2 nd Year Rs. 35,000+24%HRA for 3 rd year onwards	9.22	9.22	10.42	10.42	39.28
YP-II (8 nos) Rs.35000x8x12=Rs.33.60000 Dr Patil-YP II-6 nos Dr KP Suresh-2 nos	33.60	33.60	33.60	33.60	134.40
Lab Supporting staff (PUC pass)-1 (Dr SSPatil) Data entry operator-1 (Dr KP Suresh) Rs.20000x2x12=Rs.4.80	4.80	4.80	4.80	4.80	19.20
Office Assistant-1 (Dr KP Suresh) Rs.15000x12=Rs.1.80	1.80	1.80	1.80	1.80	7.20
TA (Dr KPSuresh-Rs.0.50 Lac each Year)	5.0	5.0	5.0	5.0	20.00
Consumable including reagents, chemicals etc required for preparation of kits	36.40	42.90	46.80	53.56	179.66
Contingency including publication charges (Dr KP Suresh-Rs. 1 lac each year)	1.50	1.50	1.50	1.50	6.00
Overhead charges	10.69024	11.34024	11.85024	12.52624	46.40696
Total (B)	117.5926	124.7426	130.3526	137.7886	510.4766
Total (A+B)	214.0926	124.7426	130.3526	137.7886	606.9764

Justification: Deep freezers: -80°C are required to store the serum samples received from different states till results are finalised and analysed.

Deep freezers: -20°C are required to keep the reagents and aliquots of antigens required for kit preparation.

Refrigerators are required to the chemicals and media required for production of recombinant cultures containing clones of antigen.

Racks and Cryoboxes: Required for preservation of serum vials in boxes in racks stacked

High end computer: Required for initial data entry and storage of all information related to the samples submitted to laboratory which required huge memory.

Manpower

JRF/SRF: Required for production of recombinant antigen in bulk by culturing the bacterial culture, harvesting, purification, and quality testing of each batch of antigen produced.

YP II: Receipt of samples, storing of samples, production of kits and performing ELISA, interpretation and entry of results into database into the computer

Lab supporting staff: For routine works like arrangements for autoclave, disposal of bio-waste materials, filing of information received from state units etc.

Contingency: For routine expenses like papers, printing cartridges, stationeries etc.

High Configured work station with complete accessories: Required for big data analytics, storage, retrieval and spatial/GIS analyses. Development of software applications, mobile apps, for real time datacapture and analyses.

High end Desktops: Required for multimodal nodal data entry and storage, for analyses and presentation.

Laptops: Required for testing of software applications and mobile apps developed for real time capture of data and analyses.

Manpower

YP II: Required for data capturing, data entry, storage building, cleaning of data and analyses.TA;

Required travelling to different centres for testing the application

Consumable: For purchase petty IT items required on day today basis.

Contingency: For purchase of cartridges, stationaries etc.

Details of training programme

	Year 1	Year 2	Year 3	Year 4	Year 5
Skill development training online and Offline Data entry and analyses	Sensitization of Vety Officers about data entry in the designed format and its submission to the central unit at NIVEDI for 1 day in batches.	Training of Vety Officers about analyses of results/data generated from testing of sera samples and interpretation	Training of Vety Officers about analyses of results/data generated from testing of sera samples and interpretation	Training of Vety Officers about analyses of results/data generated from testing of sera samples and interpretation	Analyses of results of respective states and final compilation

Principal Investigator:

Dr. S. S. Patil, Principal Scientist, ICAR-NIVEDI, Bengaluru

[Signature]

Co-Principal Investigators:

Dr. K.P. Suresh, Principal Scientist, ICAR-NIVEDI, Bengaluru

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Dr. R. Sridevi, Senior Scientist, ICAR-NIVEDI, Bengaluru

Dr. G. Narayanan, Scientist, ICAR-NIVEDI, Bengaluru

Dr. H.B. Chethan Kumar, Scientist, ICAR-NIVEDI, Bengaluru

[Signature] 11/1/22
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Forwarded with Comments by the competent authority

For successful implementation of CSF-EP program initiated by DTH Govt of India, the action plan proposed by a highly Capable Scientists team for ICAR-NIVEDI is not only highly appropriate but also include well planned activities related to monitoring & surveillance of CSF as the input of mass vaccination under control program. The action plan needs to be supported.

[Signature] 11.01.2022

