

ANIMAL DISEASE SURVEILLANCE

The Department of Animal Husbandry and Animal Welfare is implementing the central sector scheme on Animal Disease Surveillance since 1989. The main objective of the scheme are (1) To collect, compile, analyse and interpret data on prevalence of various diseases of Livestock and Poultry (2) to study the patterns of various epidemics under different geographical areas of the Union Territory (3) To forecast the occurrence of diseases on the basis of data of on the basis of disease of outbreaks (4) To work out the morbidity and mortality covering various factors such as age, breed, species and sex (5) To prepare chart on outbreak of diseases in the Union Territory for the past 7 years (7) To prepare map showing the vulnerable areas. Detailed schedule of annual disease surveillance for the past seven years.

Animal Disease monitoring describes ongoing efforts directed at assessing the health and disease status of animals within a particular animal population or say the union territory as a whole. The term "Disease Surveillance" Can be used to describe a more active system and implies that some form of directed action can be taken if the data collected and interpreted from field level indicate the possibility of a disease outbreak above a certain threshold. By this systematic analysis the probability of occurrence of a disease, its geographic and temporal patterns in economic impact relating to production can be forecasted. This monitoring system can also be used as a tool for decision making regarding effectiveness of health programmes and for planning for future disease Control programmes. In short Epidemiology is the study of the frequency distribution and determinants of health and disease in population.

For the effective management of Animal disease Surveillance schemes , the epidemiological units could be set up under Animal Disease Surveillance scheme for easy data collection Data collection is a very essential component of any survey or analytic study. The basic data required for animal disease surveillance units Which are the Veterinary Institutions spread all over the Union Territory of Puducherry which extends Veterinary Aid to the farmer. The Monthly data from the Veterinary Institutions are collected month-wise by the Joint Director(Animal Disease Surveillance), Animal Husbandry and Animal Welfare, Puducherry and are finally transmitted to the computer cell of the Department. Based on the data collected monthly annual reports are prepared. Analysed reports are compiled and sent to Government of India, New Delhi .

Disease that we are conducting Surveillance

Sl. No.	Name of the Disease	Species	Total animals affected (Mortality)	Mortality (Death)	Name of the Area affected
01	Anthrax	Bovine	8	8	Kothapurinatham, Sompet, Kalitheerthalkuppam, Molapakkam, Kalmandapam, Sedarapet, Kariamanikam
02	Brucellosis	Bovine	225	Nil	Karimanickam, Maducarai, Nettapakkam, Kottucherry, Sooramangalam, Kalmandapam Nathamedu (Embalam) Eripakkam Madagadipet Veemanagar Gorimedu Sellipet Sorapet Vadukuppam Melsathamangalam Embalam

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03	Amphistomiasis	Bovine Ovine	105	Nil	Puducherry
04	Babesiosis	Bovine	436	6	Thirubuvanai, Anandapuram, Kaduvanoor, Kuruvinatham, Chinna Arachikuppam, Sooramangalam, Nathamedu, Manaveli, Embalam, Melsathamangalam, Sivaranthagam, Annamalainagar, Mudaliarpet Vanarapet, Veerampattinam, Ariyankuppam, Bahoor, Koonichampet, Nedungadu, Puducherry, Maducarai, Karaikal
05	Bronchitis	Bovine	10	2	Pangur
06	Calf – Diphtheria	Bovine	-	-	-
07	Cow-pox	Bovine	6		Puducherry
08	Ephimeralfever	Bovine	18		Ariyur, Sivaranthagam
09	Foot and Mouth Disease (FMD)	Bovine	290	1	Mannadipet, Sompet Sellipet, Thirukkanurpet, Sorapet, Karikalampakkam, Nettapakkam, Kanuvapet, Perungalore, Seliamedupet, Kudiriuppupalayam, Bahour, S.P. Kuppam, chettipet, Kakipet, P.S.Palayam, Eripakkam, Molapakkam, Sooramangalam, Vadukuppam Melsathamangalam, Thirubuvanaipalayam,

					Muthialpet, Solainagar, Angalamannagar, Thirubuvanaipalayam, Karayambuthur, Anbagarathur, Thirunallar
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10	Haemorrhagic Septicaemia	Bovine	14		Madagadipetpalayam, Thirukkanur, Kumarapalayam
11	Haemorrhagic Mastitis	Bovine	17		Manakuppam, Melsathamangalam, Sivaranthagam, Nonankuppam Thirukkanuar
12	Mange	Bovine	18		Agalankannu
13	Mastitis	Bovine	1135	9	Villianur, Othiampet, Senthanatham, Koodapakkam, Mangalam, Pudunagar, Periapet, Uthiravahinipet, uruvaiyar G.N. palayam, Kanupet, Thirukanchi, Bahour, Kuruvinatham, Selvandanmedu, Aranjapur, Melpakkkalpet, Varcaldai, Lawspet, Nettiappakkam, Molapakkam, kanniakoil, Kompakkam, Anthi Thirukanchi, Sivalingapuram, Tollgate, Othiampet, Andiarpalayam, Korkadupet, Panchavadi, Theduvannatham, Kottucherry, Poovam, Nedungadu, Panchapuram, Ponpethi, Athipadugai, Sellur, Thennangudy, Neivacherry, Settur, Anbagarathur, Muppaithangudy, Karhasubbarayapuram, Sorakudy, Varichikudy,

					Thiruvettakudy, Akkampet, Mattatalangudy, KaruKangudy, Kannappoor, Kurumbegaram, Mallankoil, Nellaundakundu, Thennur,
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14	Pyrexia	Bovine	783		Bahour, Madagadipet, Thirukkanur, Sorapet, Katterikuppam, Embalam, Sooramangalam, Vadukuppam, Parikkalpet, Keezparikkalpet, Kurunjinagr, Navakulam, Thattanchavadi,
15	Piroplasmosis	Bovine	20		Ambagarathur, Sorakudy, Thennangudy, Velathamangalam, Pettai, Ilayankudi, Sellour, Ambagarathur, Thirunallar,
16	Rabies	Bovine	02		Koodapakkam, Anandapuram,
17	Theilariasis	Bovine	01		Muthupillaipalayam,
18	Tripanosomiasis	Bovine	02		Kanagachettikulam, Theniraugudy,

FOOT AND MOUNT AFFECTED COW



SYMPTOMS OF PPR (PEST DES PETIT RUMINANT) IN GOAT & SHEEP

