April 2026, Volume 14, Issue 04

भाकृअनुप
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Transforming Animal Health

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VET-ALERT

Livestock Disease Risk Forewarning Bulletin

PREDICTION FOR JUNE 2026

Strengthening Preparedness and Control of Livestock Diseases

ICAR-National Institute of Veterinary Epidemiology & Disease Informatics, Bengaluru

भाकृअनुप-राष्ट्रीय पशुरोग जानपदिक एवं सूचना विज्ञान संस्थान

NADRES V_2 conferred with National e-Governance Gold Award for 2024-25 under the category 'innovation by use of AI of other new age technology for providing Citizen Centric Service'

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Disclaimer

The forewarnings are based on the retrospective disease data available in the NADRES database. Hence, for those states where data is limited/less, the forewarning may not be realistic. Further the forewarning will not take into consideration the control measures that are *in situ*.

Acknowledgements

I am pleased to present the Vet-Alert Bulletin of April 2026, forecasting disease risks for the month of June 2026. I express my deepest gratitude to **Dr. Mangi Lal Jat**, Hon'ble Secretary, DARE and Director General, ICAR, **Dr. Raghavendra Bhatta**, Hon'ble Deputy Director General (Animal Science), ICAR, and **Dr. Divakar Hemadri**, ADG (Animal Health), ICAR, New Delhi, for their invaluable guidance and support in facilitating access to critical inputs, data, and analytics that form the backbone of this bulletin.

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I sincerely acknowledge the contributions of the **Animal Husbandry Departments of all State Governments** and the **National Animal Disease Epidemiology Network** (NADEN) centres, whose timely and diligent submission of livestock disease outbreak reports were crucial for disease monitoring, forecasting, and strengthening of forewarning systems. Their collaboration ensures the robustness and relevance of the information provided in this bulletin.

Finally, I extend my heartfelt thanks to the entire NADRES and NADEN team of ICAR-NIVEDI, including Dr. K. P. Suresh, Dr. Rajeswari Shome, Dr. S. S. Patil, Dr. Jagadish Hiremath, Dr. S. S. Jacob, and Dr. Narayanan G., as well as the SRFs, JRFs, Young Professionals, and other contractual staff contributing to predictive analytics work. Their dedicated efforts in data analysis, report preparation, and maintaining high scientific standards have been invaluable in bringing out this bulletin.

Baldev R. Gulati
Director, ICAR- NIVEDI

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1. About the bulletin….

Livestock sector plays a crucial role in the rural economy of India as around 20.5 million people depend upon livestock for their livelihood. Even though the investment in the livestock sector is meagre, tremendous achievements have been observed in the sector during the last decade. As it is an important component in poverty alleviation programmes, continuous emphasis is being laid on this sector for enhancing the quality of the primary and secondary products in the international market, which in turn demands improved animal health. Therefore, livestock development programmes cannot succeed unless a well-organized animal health service is built up for safeguarding the livestock against economically important diseases.

Forecasting is the scientific process of predicting future events based on historical data and current conditions, using statistical models or machine learning. It is essential for risk mitigation, resource optimization, strategic planning, and economic efficiency across various sectors. In livestock, forecasting aids in disease prediction and prevention, efficient resource allocation, and minimizing economic losses due to disease outbreaks. It also supports climate adaptation and informs policy formulation, ensuring better management of animal health and enhancing the sustainability of the livestock sector.

India has achieved significant success in the eradication of diseases like Rinderpest (RP), Contagious Bovine Pleuropneumonia (CBPP), African Horse Sickness (AHS), and Dourine. However, several other infectious and non-infectious diseases continue to cause substantial annual economic losses. Effective prevention, control, and eradication of these diseases require a deep understanding of their epidemiology and economic impact. ICAR-NIVEDI has the mandate to conduct research in veterinary epidemiology and disease informatics. India's success in eradicating RP demonstrates the country's capacity to overcome challenges, and similar efforts are essential to control and eradicate diseases such as FMD, PPR, Brucellosis, CSF, ASF, LSD and HS, which showing significant economic burdens on the livestock industry.

To address this, ICAR-NIVEDI has identified 15 priority livestock diseases based on historical incidence patterns and has developed a comprehensive database for these diseases. ICAR-NIVEDI has also created NADRES v2, an early warning system powered by Artificial Intelligence (AI), which integrates diverse datasets to forecast livestock disease risks. This system allows stakeholders, including livestock populations, farmers, and organizations, to prepare and respond promptly, minimizing the occurrence of disease outbreaks. The system combines historical disease data, livestock population figures from the 20th Livestock Census (2019), and meteorological and remotely sensed data, including 23 risk parameters like temperature, precipitation, humidity, wind velocity, and soil moisture. This data is sourced from global providers, including NASA's NCEP, CRU, and MODIS satellites. NADRES v2 utilizes 18 machine learning models trained on outbreak data, with rigorous evaluation using 11 performance metrics: Receiver Operating Characteristic (ROC), Cohen's Kappa, True Skill Statistic (TSS), Precision, Accuracy, Error Rate, Sensitivity, Specificity, F1 Score, Log Loss, and Gini Coefficient. Risk predictions are expressed as probabilities (0-1) and categorized into six levels: Very High Risk, High Risk, Moderate Risk, Low Risk, Very Low Risk, and No Risk. These forecasts provide district-level risk assessments for livestock diseases across 755 districts in India, with predictions made two months in advance.

This forewarning is compiled into a bulletin that alerts Animal Husbandry Departments at both the national and state levels, prompting appropriate control measures. The forewarning bulletin serves as a valuable tool for field veterinarians, helping them implement preventive and control measures that reduce the occurrence of livestock disease outbreaks.

The detailed methodology for forewarning of livestock diseases is available at this link

https://nivedi.res.in/Nadres_v2/bulletin.php

2. Livestock disease risk forewarning for India for the month of June 2026

The livestock disease risk forewarning of **April 2026** predicts that **1727** disease risk events across India are likely to experience high to very high risk of disease outbreaks in **June 2026**. Uttar Pradesh (432 disease risk events predicted), Jharkhand (226 disease risk events predicted), Assam (119 disease risk events predicted), Madhya Pradesh (114 disease risk events predicted), and Odisha (91 disease risk events predicted) are the top five states projected to experience significant outbreaks.

The most predicted outbreaks for the top few diseases for **June 2026** include: LSD (171 outbreaks), Babesiosis (169 outbreaks), FMD (165 outbreaks), Fasciolosis (145 outbreaks), and ASF (143 outbreaks). In addition, Uttar Pradesh, Jharkhand, Assam, and Rajasthan are expected to witness outbreaks of Trypanosomiasis, ASF, FMD, Babesiosis, LSD Fasciolosis, and Anthrax. These findings demonstrate the importance of targeted preventive measures in the most vulnerable districts. The predicted disease outbreaks, systematically categorized and visualized by disease (Fig. 1) and by state (Fig. 2), are presented below.

These diseases represent a significant threat to livestock health with potential implications for animal productivity, welfare, and regional economies. To mitigate the anticipated risks, a comprehensive disease management strategy is required, incorporating enhanced epidemiological surveillance, targeted vaccination programs, and robust biosecurity measures. Timely and scientifically guided interventions will be critical to minimizing the economic and zoonotic impacts of these livestock diseases across affected regions.

I. Total Number of Diseases Predicted with High-Risk Level

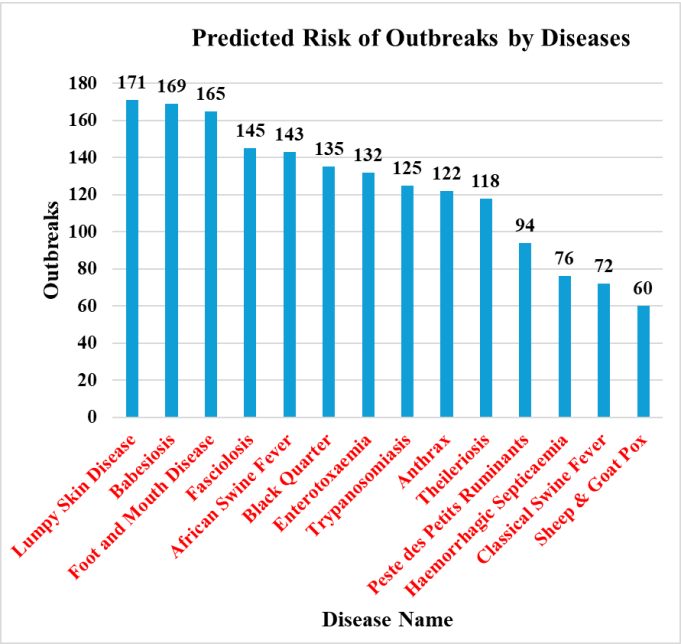


Fig. 1 Predicted Risk of Outbreaks for 14 Livestock Diseases for June 2026

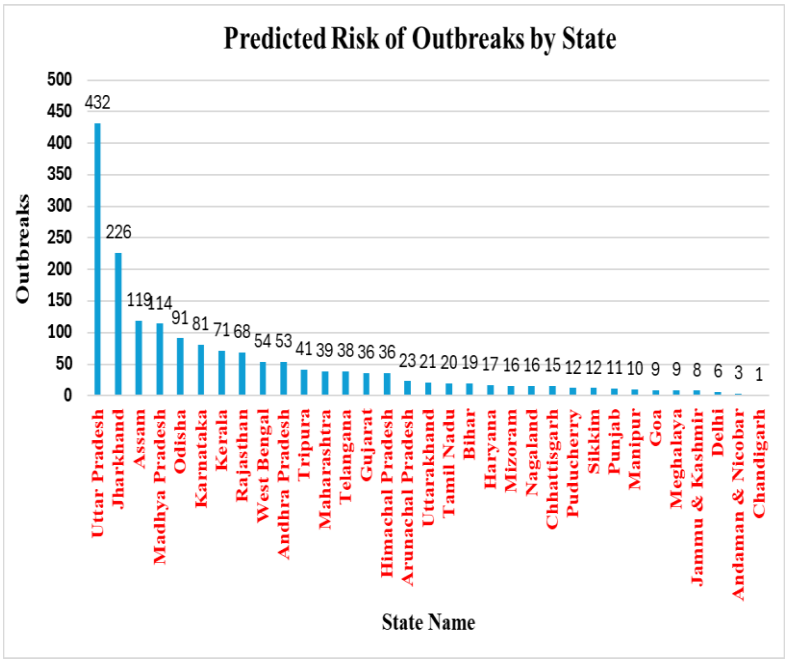


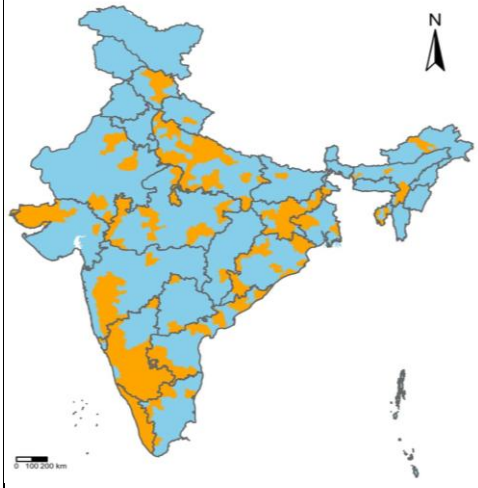
Fig. 2 State-wise Predicted Risk of Livestock Disease Outbreaks for June 2026

II. Total number of predicted "high-level risk for outbreaks" of disease for the month of June 2026

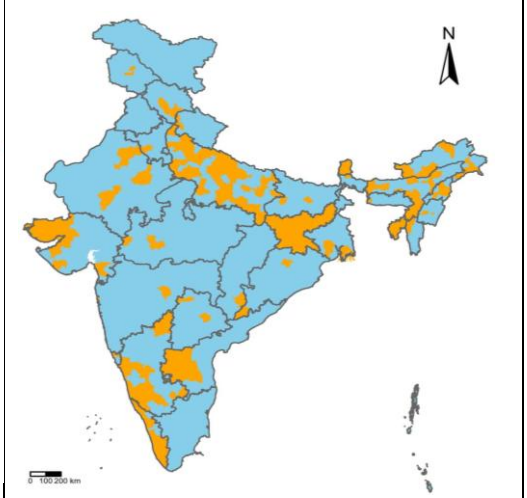
Sl. No.	State Name	Viral Diseases							Parasitic Diseases				Bacterial diseases				Total number of Predicted disease risk events
		ASF	BT	CSF	FMD	LSD	PPR	S&G Pox	Babesiosis	Fasciolosis	Theileriosis	Trypanosomiasis	Anthrax	BQ	ET	HS	
Union Territories																	
1.	Andaman & Nicobar	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	**3**
2.	Chandigarh	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	**1**
3.	Delhi	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	**6**
4.	Jammu & Kashmir	0	0	0	0	2	0	2	0	0	2	2	0	0	0	0	**8**
5.	Puducherry	0	0	1	0	0	1	1	2	1	1	1	1	1	1	1	**12**
States																	
1.	Andhra Pradesh	3	0	5	6	3	5	5	5	3	3	3	5	3	3	1	**53**
2.	Arunachal Pradesh	4	0	0	3	10	0	0	1	0	0	0	0	4	1	0	**23**
3	Assam	5	0	13	5	16	14	2	20	0	2	0	1	18	16	7	**119**
4	Bihar	4	0	1	1	2	1	1	1	1	1	4	0	1	1	0	**19**
5	Chhattisgarh	2	0	0	1	1	2	0	2	2	2	2	0	0	1	0	**15**
6	Goa	1	0	0	1	1	0	0	0	0	2	2	0	0	2	0	**9**
7	Gujarat	0	0	0	3	6	3	2	3	3	2	2	3	3	3	3	**36**
8	Haryana	2	0	2	0	1	2	0	0	2	2	2	2	0	2	0	**17**
9	Himachal Pradesh	2	0	2	3	2	3	2	3	3	2	2	3	3	3	3	**36**
10	Jharkhand	24	0	8	17	24	20	7	24	24	24	24	5	9	10	6	**226**
11	Karnataka	1	0	8	22	13	3	8	0	7	2	1	2	6	7	1	**81**
12	Kerala	4	0	2	14	12	1	0	13	1	14	2	1	0	1	6	**71**
13	Madhya Pradesh	1	0	3	16	2	3	3	16	16	1	1	18	16	16	2	**114**
14	Maharashtra	1	0	2	7	3	1	2	4	3	3	2	3	3	4	1	**39**
15	Manipur	2	0	2	0	2	0	0	1	2	0	0	0	0	0	1	**10**
16	Meghalaya	1	0	2	0	1	1	0	2	0	1	0	0	0	1	0	**9**
17	Mizoram	8	0	1	0	2	0	1	0	4	0	0	0	0	0	0	**16**
18	Nagaland	8	0	0	0	5	0	0	0	2	0	1	0	0	0	0	**16**
19	Odisha	3	0	2	10	2	13	3	10	11	3	3	10	11	9	1	**91**
20	Punjab	0	0	0	0	0	2	0	0	1	0	0	7	0	1	0	**11**
21	Rajasthan	3	0	3	4	4	2	3	6	2	3	3	23	6	2	4	**68**
22	Sikkim	3	0	1	0	4	1	0	3	0	0	0	0	0	0	0	**12**
23	Tamil Nadu	1	0	4	6	0	2	4	0	0	0	0	1	1	0	1	**20**
24	Telangana	2	0	3	2	2	6	3	2	2	2	2	3	2	2	5	**38**
25	Tripura	1	0	2	4	8	3	6	6	8	0	0	0	2	1	0	**41**
26	Uttar Pradesh	54	0	1	35	39	1	1	39	39	36	61	22	39	39	26	**432**
27	Uttarakhand	1	0	2	1	1	2	2	1	1	3	0	4	1	1	1	**21**
28	West Bengal	2	0	2	4	3	2	2	5	4	7	5	1	6	5	6	**54**
Total number of districts likely face the risk of disease		**143**	**0**	**72**	**165**	**171**	**94**	**60**	**169**	**145**	**118**	**125**	**122**	**135**	**132**	**76**	**1727**

III. Spatial distribution of district level livestock disease forewarning for specific diseases

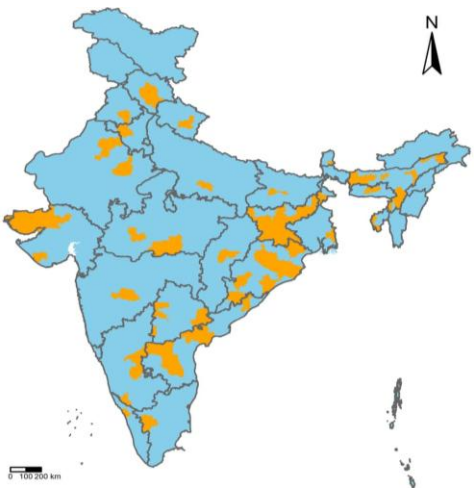
A) District level spatial distribution maps of prediction for major *Viral Disease* forewarnings for June 2026



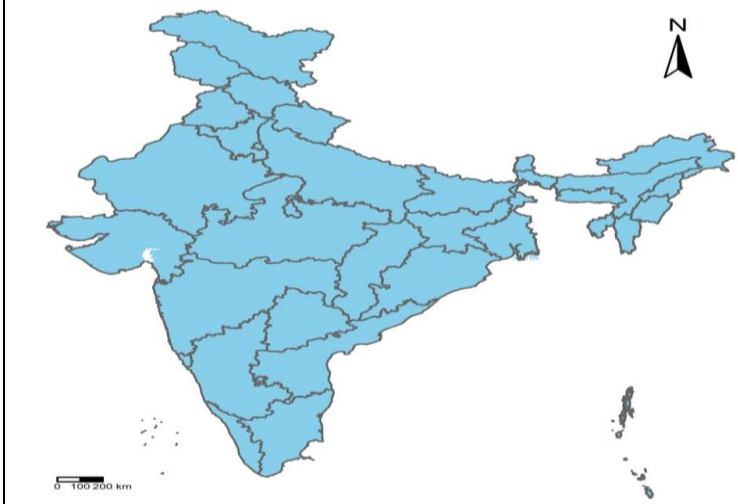
Foot and Mouth Disease



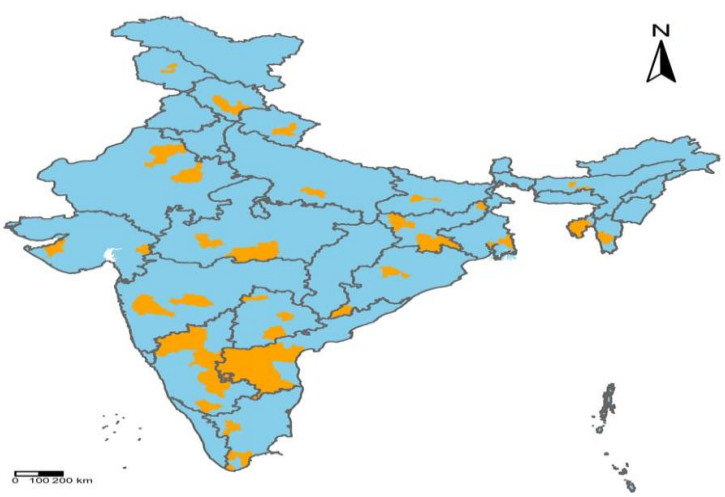
Lumpy Skin Disease



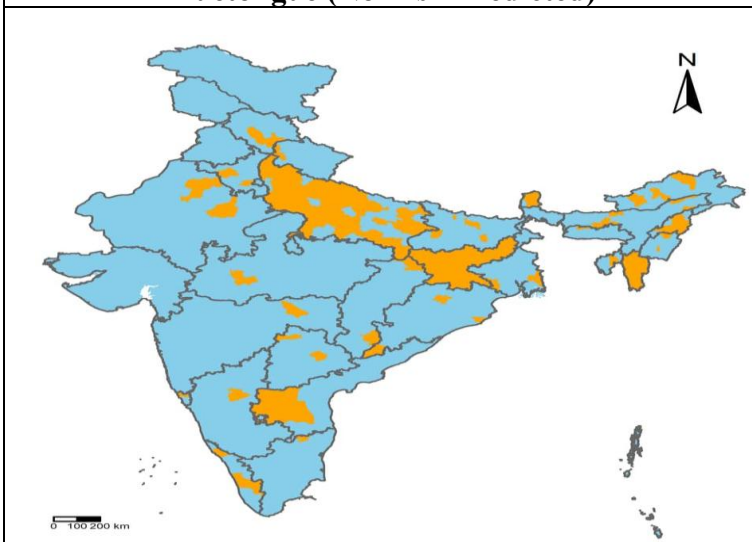
Peste des petits ruminants



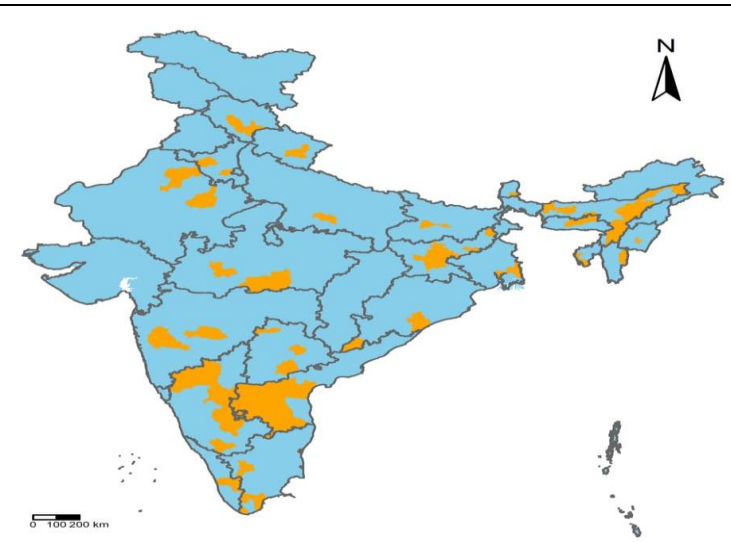
Bluetongue (No Risk Predicted)



Sheep and Goat Pox

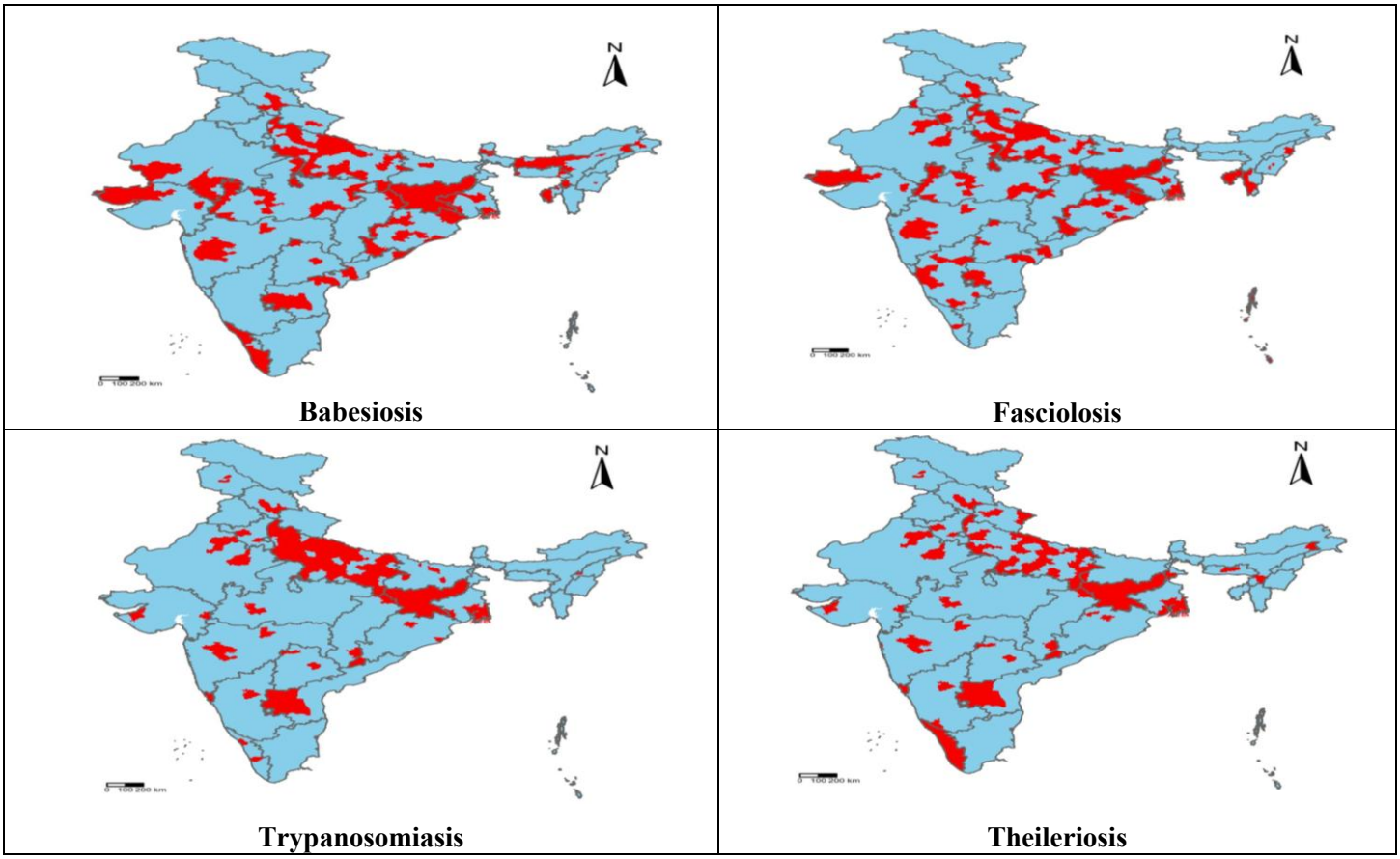


African Swine Fever

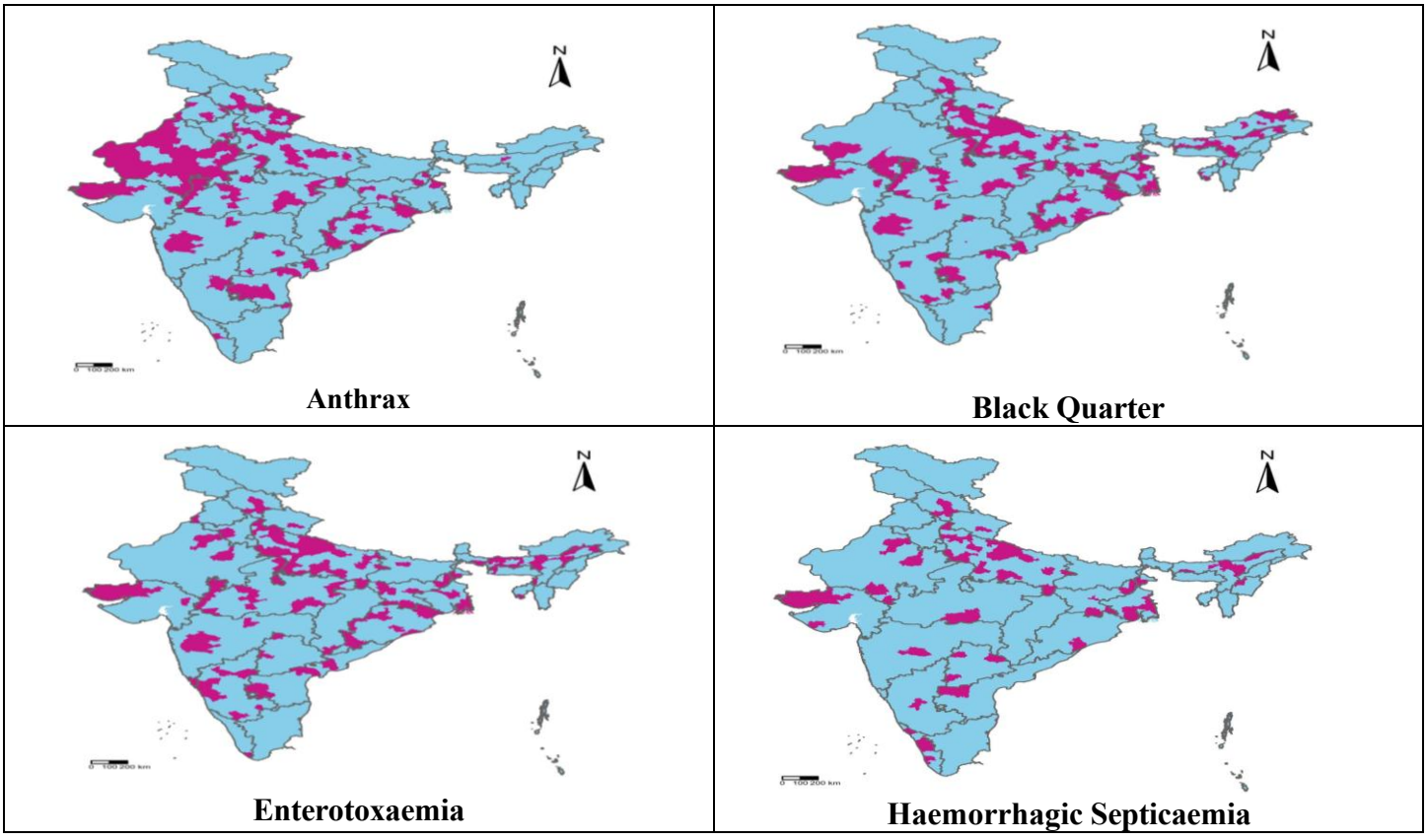


Classical Swine Fever

B) District level spatial distribution maps of prediction for major *Parasitic Disease* Forewarnings for June 2026



C) District level spatial distribution maps of prediction for major Bacterial Disease Forewarnings for June 2026



II. Risk Mitigation/Risk Communication Strategies

a. Vaccination Drives

- Conduct ring vaccination campaigns within a 5 km radius in affected areas using suitable vaccines for specific diseases.
- Administer primary vaccinations at the recommended age, followed by booster doses annually or as advised.
- Vaccinate animals in endemic zones to prevent outbreaks, ensuring age-appropriate and serotype-specific vaccinations.

b. Disease Surveillance

- Implement regular monitoring and reporting of unusual mortality or symptoms in livestock.
- Enforce strict biosecurity protocols, including controlled farm access, equipment disinfection, and quarantine for newly introduced animals.
- Control vector populations through integrated management practices, including tick control, fly-proof shelters, and molluscicide use in snail-infested areas.

c. Awareness Programs

- Educate farmers on proper disposal methods for infected carcasses, such as incineration or deep burial with lime.
- Raise awareness about avoiding high-risk practices such as feeding swill to pigs or grazing in infected or waterlogged areas.
- Promote hygiene and sanitation measures including disinfection of contaminated areas and restrictions on animal movement in and out of affected zones.

d. Capacity-Building and Training Programs

- Conduct workshops and training sessions for veterinarians, farmers, and animal health workers on disease identification, prevention, and management techniques.
- Develop skill enhancement programs for using modern diagnostic tools and biosecurity measures effectively.
- Provide hands-on training on vaccination procedures, carcass disposal methods, and managing outbreaks to ensure timely and accurate responses.

3. District-wise livestock disease risk forewarning for June 2026

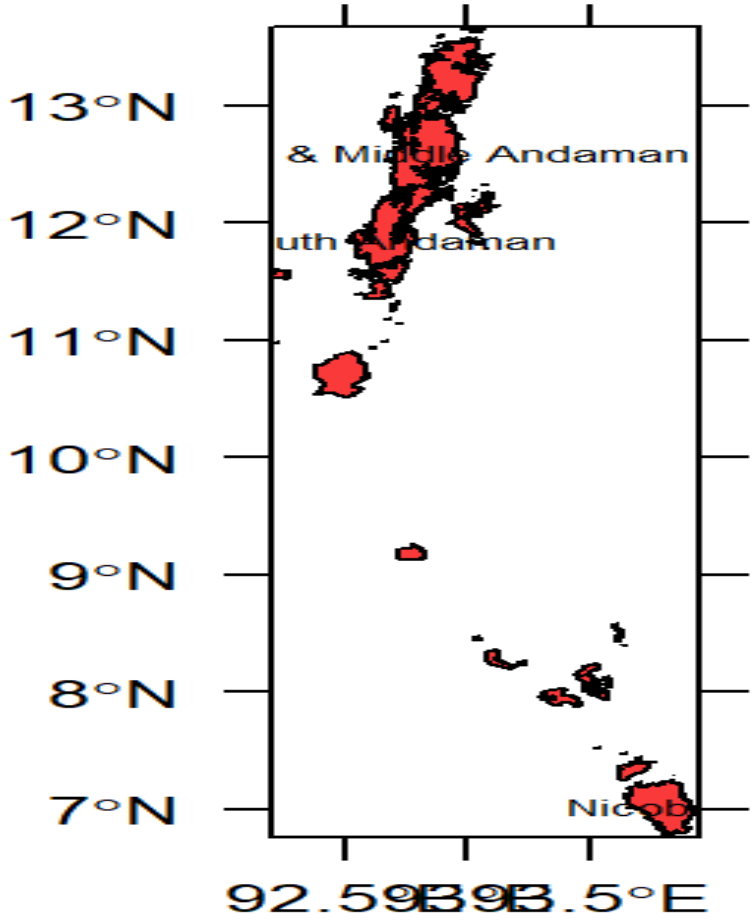
3.1. Andaman & Nicobar Islands

The livestock disease forecast for **Andaman & Nicobar Islands** for **June 2026,** generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **three** districts are at **very high risk** for **Fasciolosis,** showing the highest predicted risks.

I. Livestock Diseases with Predicted Risk in Different Districts of Andaman & Nicobar for June 2026

SI. No.	Disease Name	Names of Districts
1.	Fasciolosis	Nicobar, North & Middle Andaman and South Andaman

II. District-wise mapping of very high–risk areas of disease in Andaman & Nicobar for the month of June 2026



Predicted risk for Fasciolosis

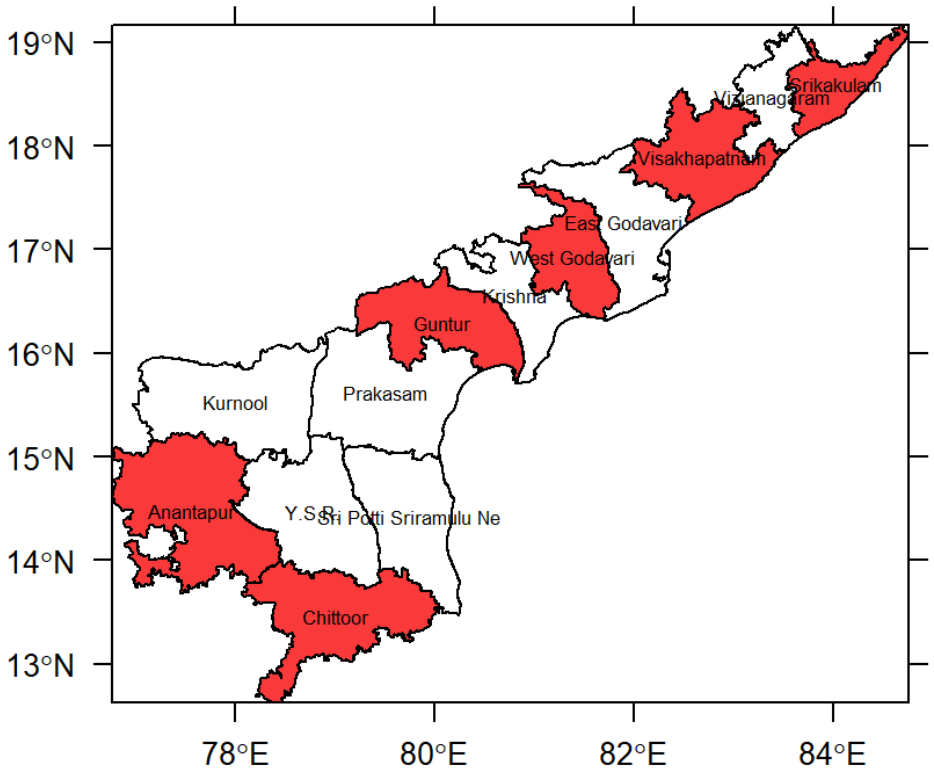
3.2. Andhra Pradesh

The livestock disease forecast for **Andhra Pradesh** for **June 2026,** generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **eleven** districts are at **very high risk** for **ASF, Anthrax, Babesiosis, BQ, CSF, ET, Fasciolosis, FMD, HS, LSD, PPR, S&G Pox, Theileriosis and Trypanosomiasis** showing the highest predicted risks.

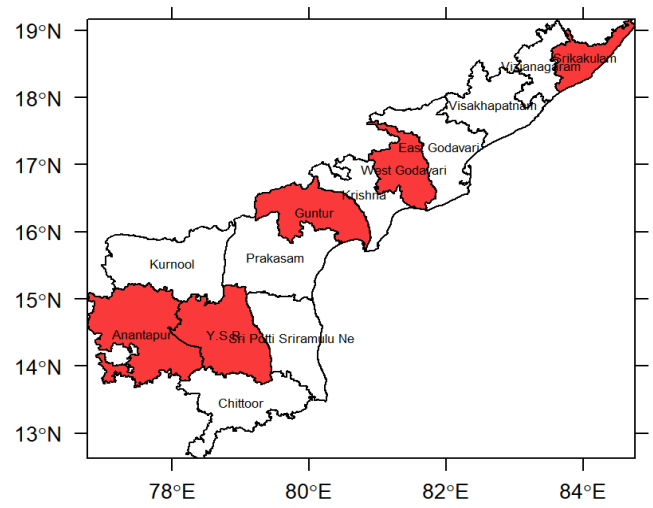
I. Livestock Diseases with Predicted Risk in Different Districts of Andhra Pradesh for June 2026

SI. No.	Disease Name	Names of Districts
1.	African Swine Fever	Anantapur, Kurnool, Y.S.R.
2.	Anthrax	Anantapur, Guntur, Srikakulam, West Godavari, Y.S.R.
3.	Babesiosis	Anantapur, Guntur, Srikakulam, West Godavari, Y.S.R.
4.	Black Quarter	Anantapur, Guntur, West Godavari
5.	Classical Swine Fever	Anantapur, Chittoor, Kurnool, Prakasam, Y.S.R.
6.	Enterotoxaemia	Anantapur, Guntur, West Godavari
7.	Fasciolosis	Anantapur, Guntur, West Godavari
8.	Foot and Mouth Disease	Anantapur, Chittoor, Guntur, Srikakulam, Vishakhapatnam, West Godavari
9.	Haemorrhagic Septicaemia	Kurnool
10.	Lumpy Skin Disease	Anantapur, Kurnool, Y.S.R.
11.	Peste des Petits Ruminants	Guntur, Krishna, Kurnool, Vizianagaram, Y.S.R.
12.	Sheep & Goat pox	Anantapur, Chittoor, Kurnool, Prakasam, Y.S.R.
13.	Theileriosis	Anantapur, Kurnool, Y.S.R.
14.	Trypanosomiasis	Anantapur, Kurnool, Y.S.R.

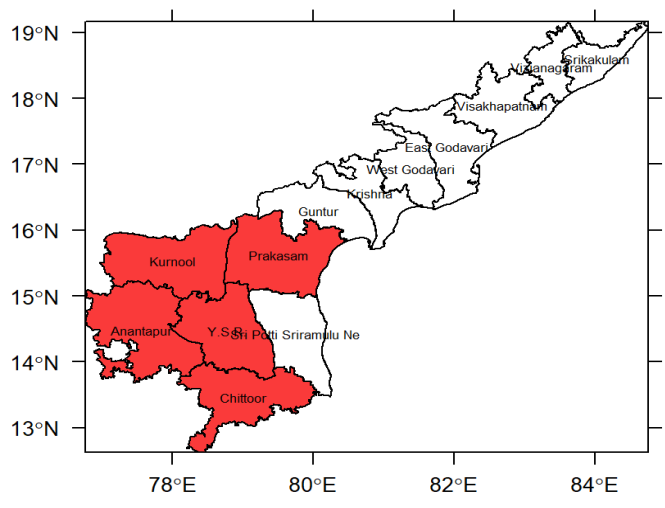
II. District-wise mapping of very high–risk areas for different diseases in Andhra Pradesh for the month of June 2026



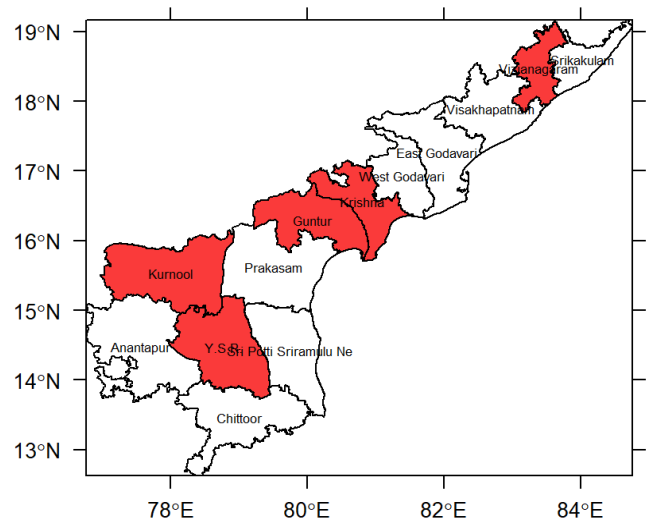
Predicted risk for FMD



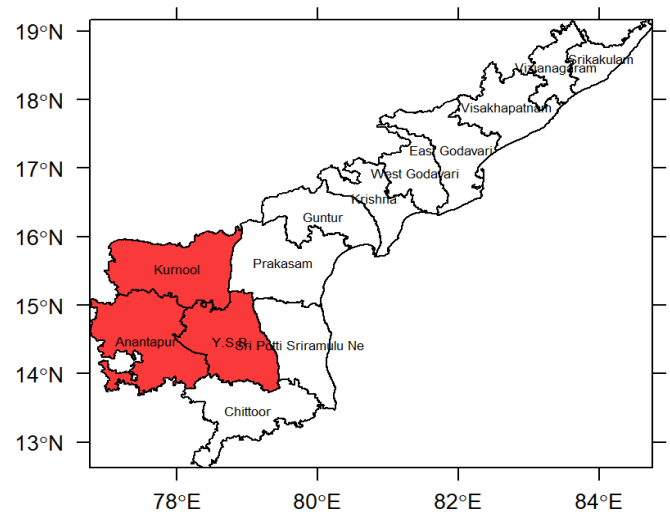
Predicted risk for Anthrax & Babesiosis



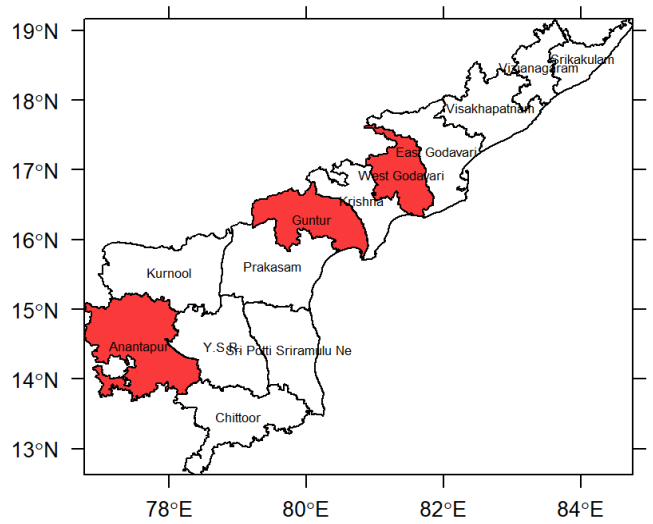
Predicted risk for CSF and S&G Pox



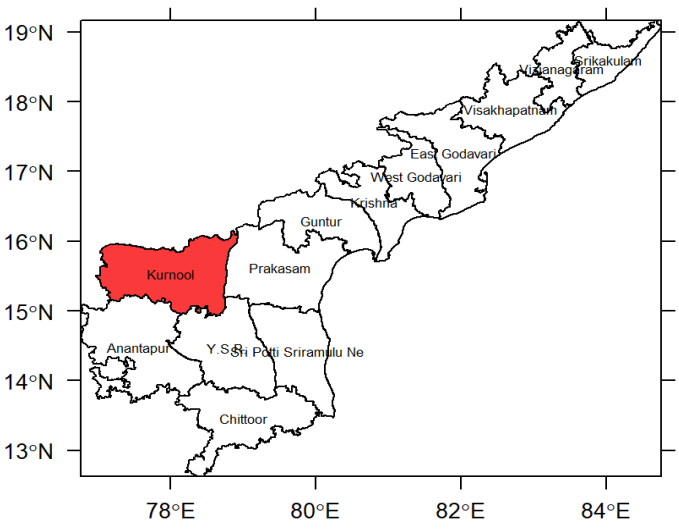
Predicted risk for PPR



Predicted risk for ASF, LSD, Theileriosis & Trypanosomiasis



Predicted risk for BQ, ET & Fasciolosis



Predicted risk for HS

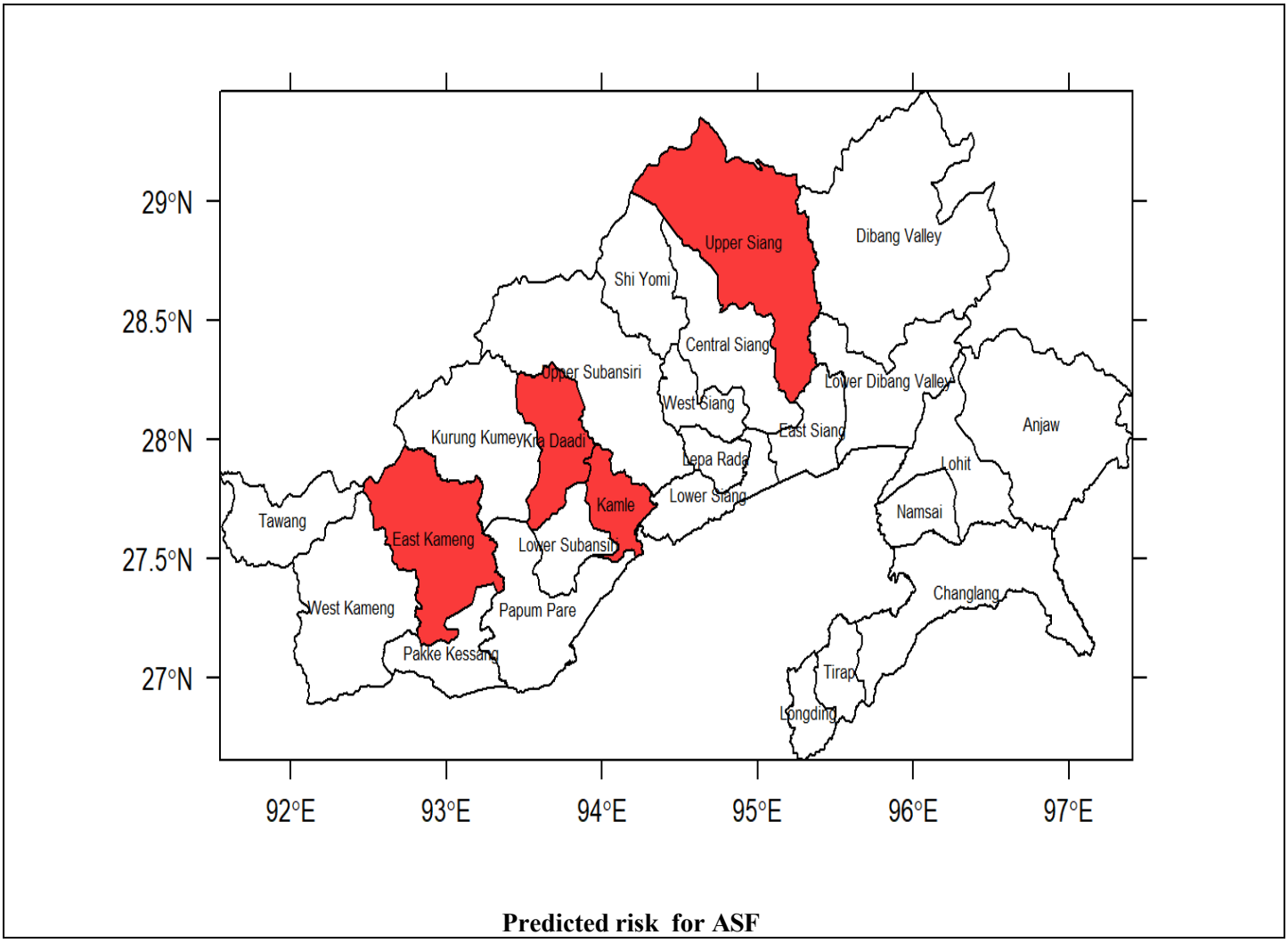
3.3. Arunachal Pradesh

The livestock disease forecast for **Arunachal Pradesh** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **sixteen** districts are at **very high risk** for **ASF, Babesiosis, BQ, ET, FMD, and LSD** showing the highest predicted risks.

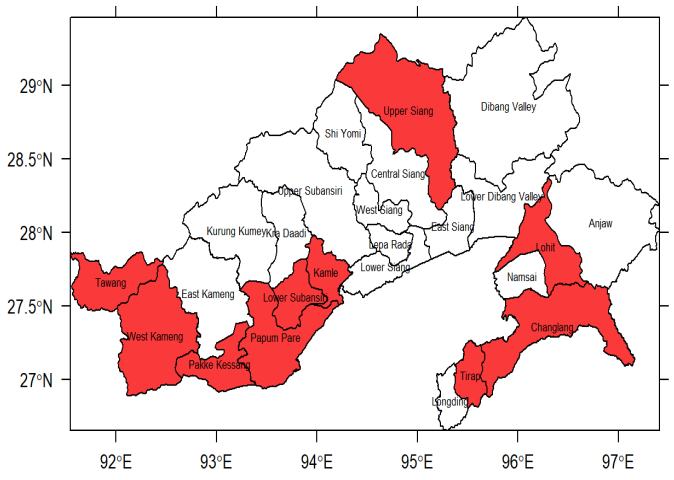
I. Livestock Diseases with Predicted Risk in Different Districts of Arunachal Pradesh for June 2026

SI. No.	Disease Name	Names of Districts
I.	African Swine Fever	East Kameng, Kamle, Kra Daadi, Upper Siang
II.	Babesiosis	Lohit
III.	Black Quarter	Dibang Valley, Kra Daadi, Upper Siang, West Siang
IV.	Enterotoxaemia	Lower Siang
V.	Foot and Mouth Disease	Lower Siang, Upper Subansiri, West Siang
VI.	Lumpy Skin Disease	Changlang, Kamle, Lohit, Lower Subansiri, Pakke Kessang, Papum Pare, Tawang, Tirap, Upper Siang, West Kameng

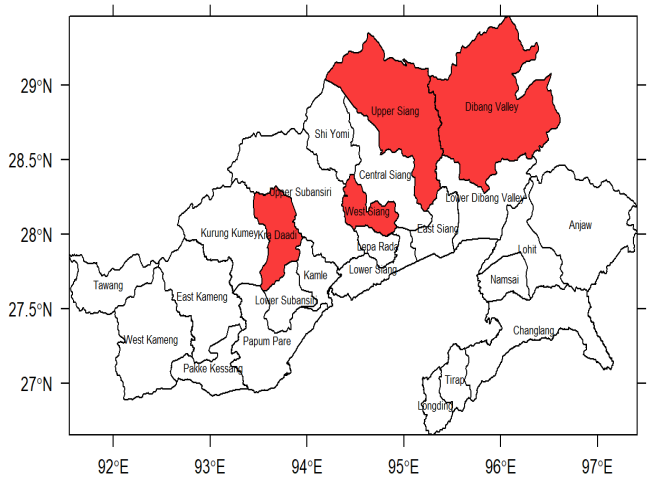
II. District-wise mapping of very high–risk areas for different diseases in Arunachal Pradesh for the month of June 2026



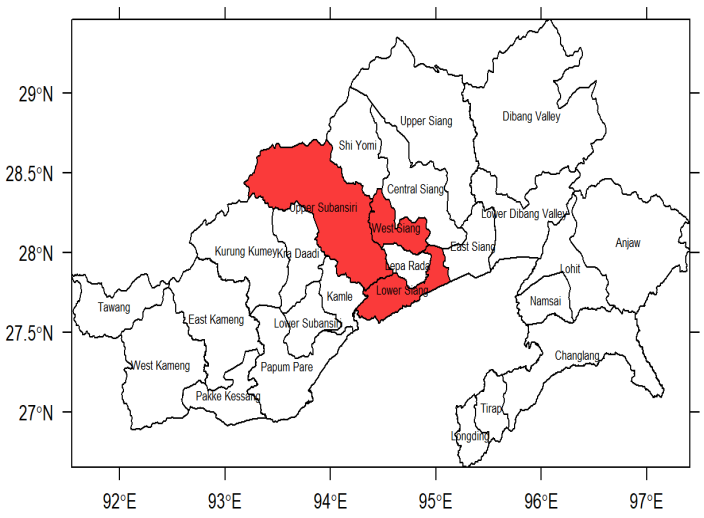
Predicted risk for ASF



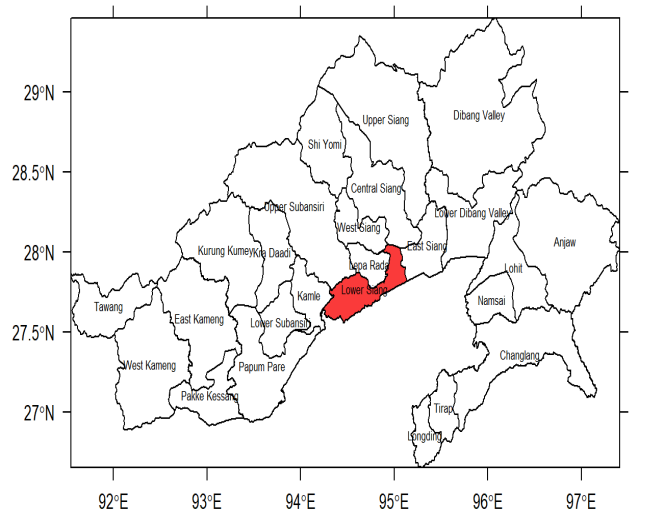
Predicted risk for LSD



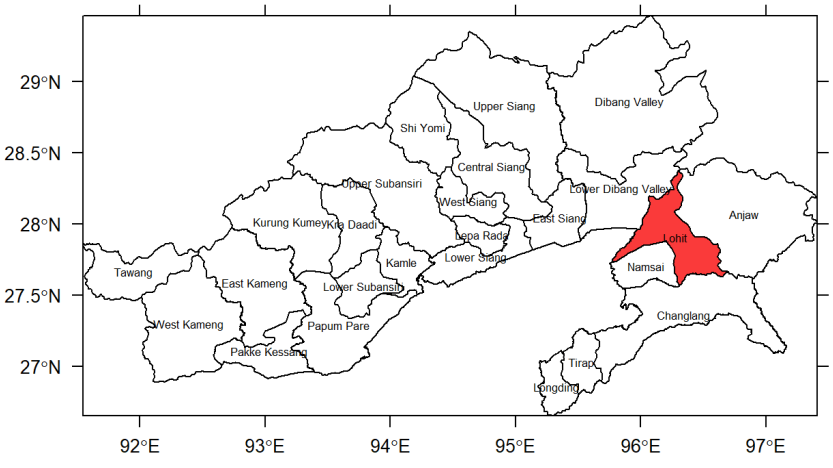
Predicted risk for BQ



Predicted risk for FMD



Predicted risk for ET



Predicted risk for Babesiosis

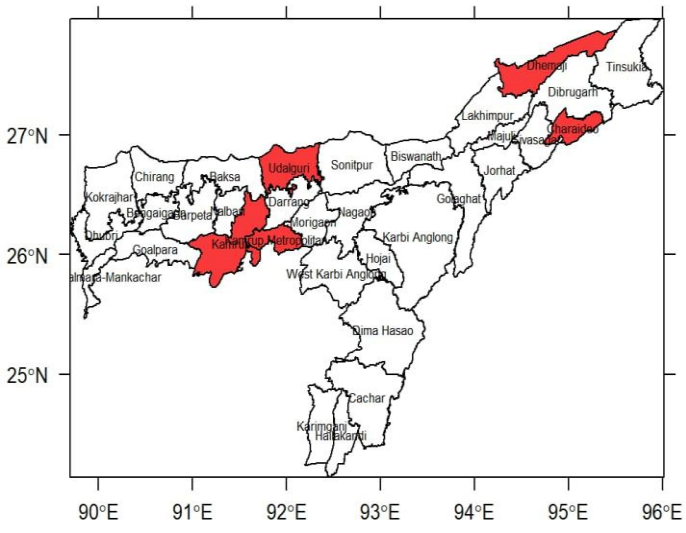
3.4. Assam

The livestock disease forecast for **Assam** for **June 2026**, generated using NADRES v2, an Artificial Intelligence- powered early warning system, indicates that **thirty-two** districts are at **very high risk** for **ASF, Anthrax, Babesiosis, BQ, CSF, ET, FMD, HS, LSD, PPR, S&G pox and Theileriosis** showing the highest predicted risks.

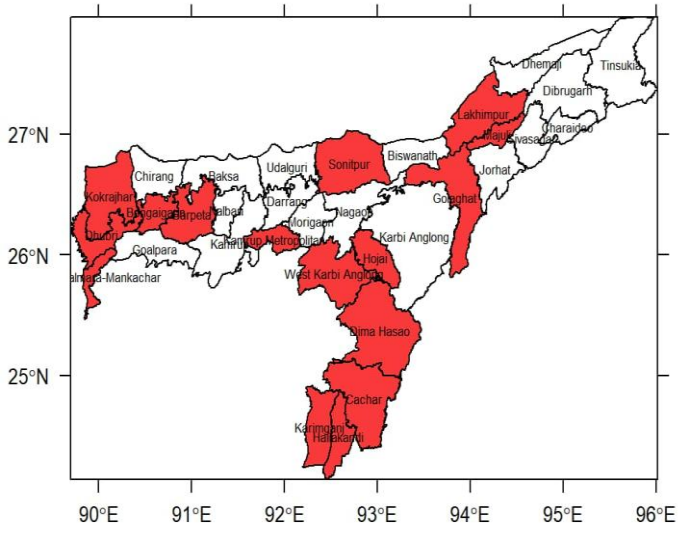
I. Livestock Diseases with Predicted Risk in Different Districts of Assam for June 2026

SI. No.	Disease Name	Names of Districts
1.	African Swine Fever	Charaideo, Dhemaji, Kamrup, Kamrup Metropolitan, Udalguri
2.	Anthrax	Darrang
3.	Babesiosis	Baksa, Barpeta, Biswanath, Bongaigaon, Darrang, Dhubri, Goalpara, Hailakandi, Kamrup, Kamrup Metropolitan, Karimganj, Kokrajhar, Majuli, Morigaon, Nalbari, Sonitpur, South Salmara-Mankachar, Tinsukia, Udalguri, West Karbi Anglong
4.	Black Quarter	Baksa, Biswanath, Darrang, Dhemaji, Dhubri, Dima Hasao, Goalpara, Hailakandi, Hojai, Kamrup, Kamrup Metropolitan, Lakhimpur, Majuli, Morigaon, Sivasagar, South Salmara-Mankachar, Tinsukia, West Karbi Anglong
5.	Classical Swine Fever	Barpeta, Bongaigaon, Cachar, Dhemaji, Dima Hasao, Golaghat, Hailakandi, Jorhat, Kamrup Metropolitan, Karbi Anglong, Kokrajhar, Lakhimpur, Tinsukia
6.	Enterotoxaemia	Baksa, Bongaigaon, Chirang, Dhemaji, Goalpara, Golaghat, Jorhat, Kamrup, Karimganj, Kokrajhar, Lakhimpur, Morigaon, Nagaon, Sonitpur, Tinsukia, West Karbi Anglong
8.	Foot and Mouth Disease	Cachar, Darrang, Dhubri, Dima Hasao, Hailakandi
9.	Haemorrhagic Septicaemia	Darrang, Dhemaji, Goalpara, Karbi Anglong, Lakhimpur, Nagaon, Sonitpur
10.	Lumpy Skin Disease	Barpeta, Bongaigaon, Cachar, Dhubri, Dima Hasao, Golaghat, Hailakandi, Hojai, Kamrup Metropolitan, Karimganj, Kokrajhar, Lakhimpur, Majuli, Sonitpur, South Salmara-Mankachar, West Karbi Anglong
11.	Peste des petits ruminants	Barpeta, Bongaigaon, Cachar, Darrang, Dhemaji, Dhubri, Dima Hasao, Goalpara, Golaghat, Karimganj, Kokrajhar, Nalbari, South Salmara-Mankachar, Tinsukia
12.	Sheep & Goat pox	Kamrup Metropolitan, Nalbari
13.	Theileriosis	Cachar, Tinsukia

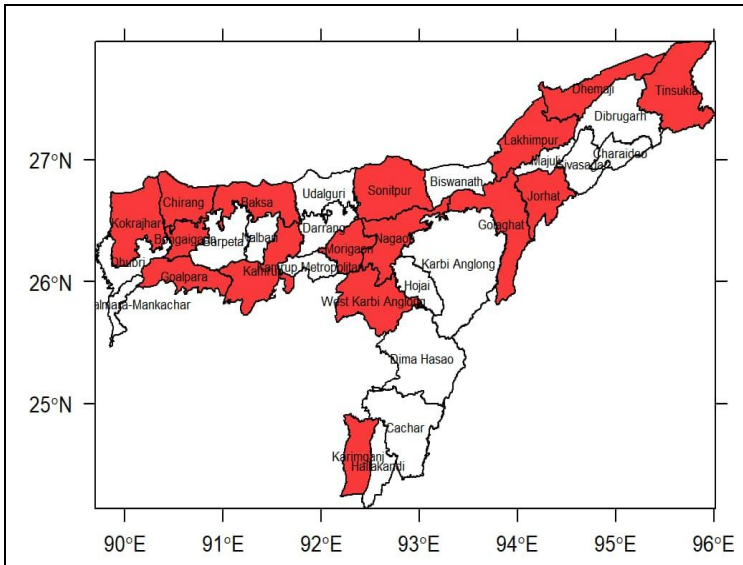
II. District-wise mapping of very high–risk areas for different diseases in Assam for the month of June 2026



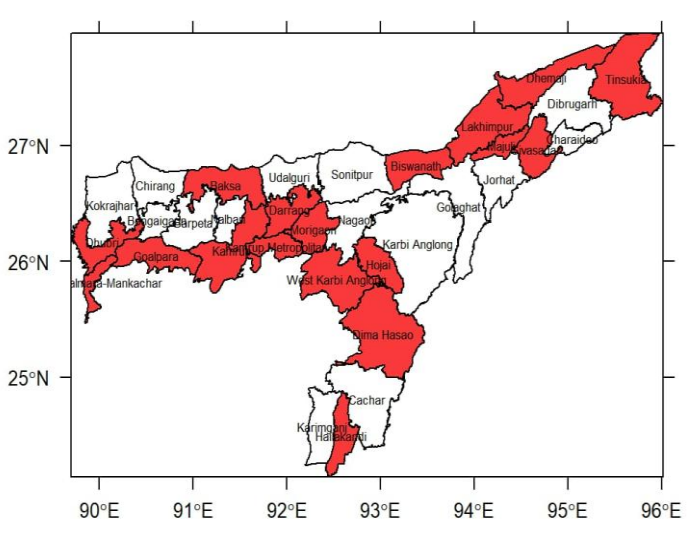
Predicted risk for ASF



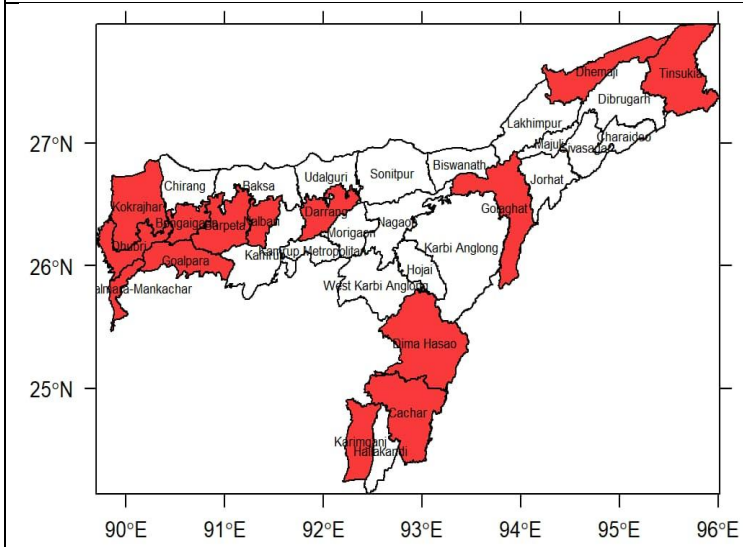
Predicted risk for LSD



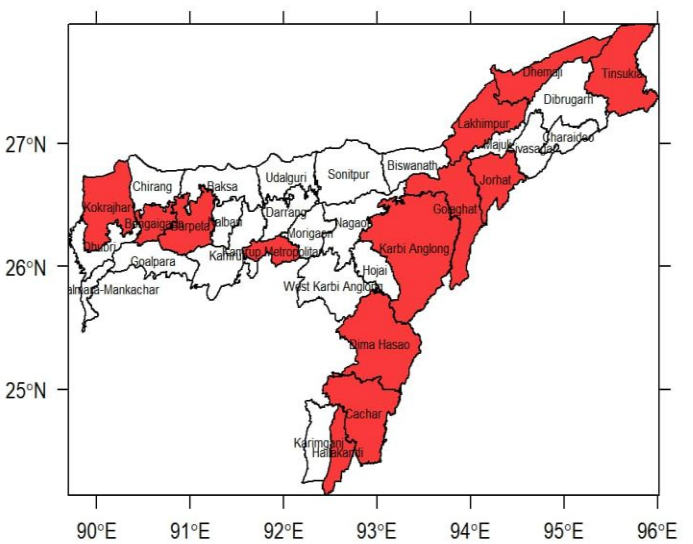
Predicted risk for ET



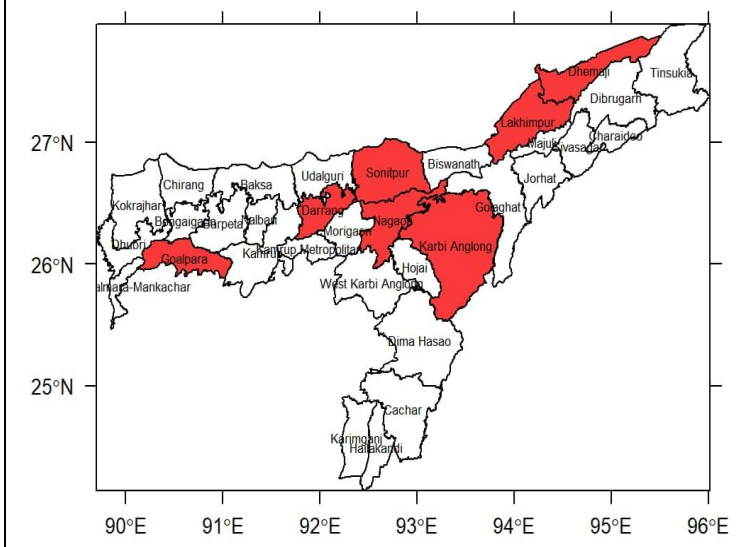
Predicted risk for BQ



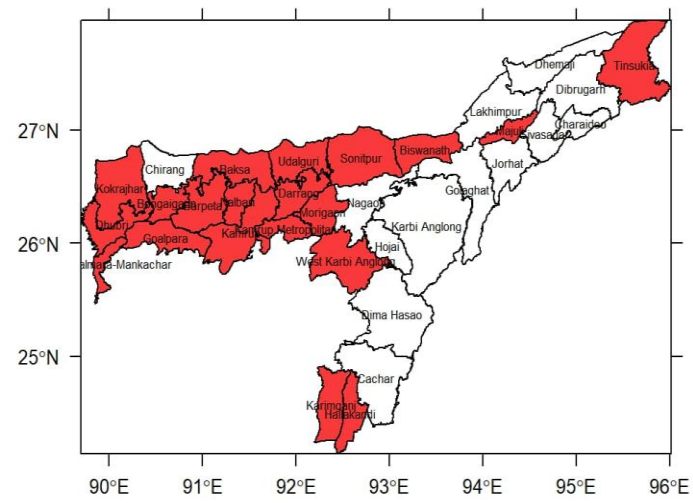
Predicted risk for PPR



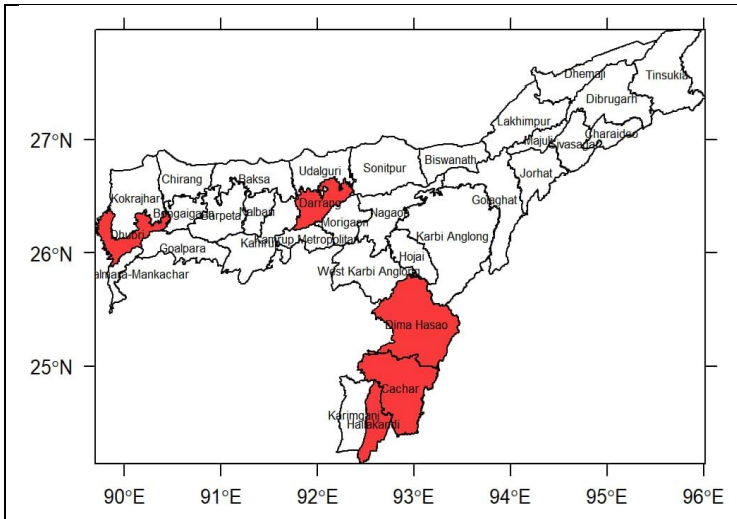
Predicted risk for CSF



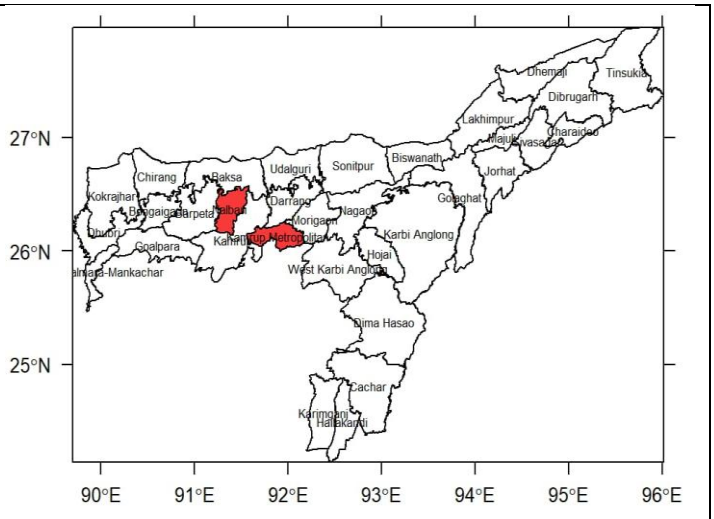
Predicted risk for HS



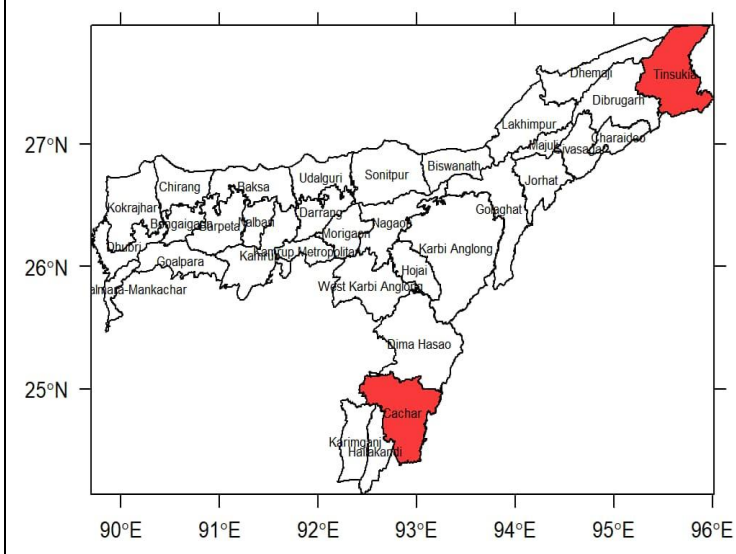
Predicted risk for Babesiosis



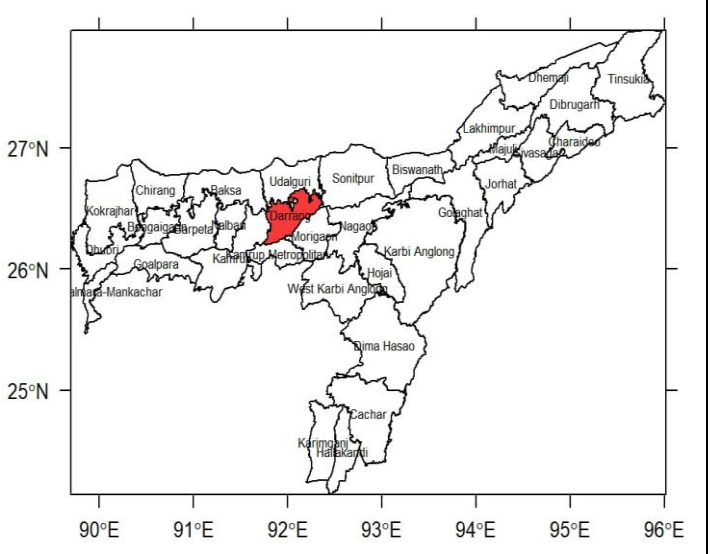
Predicted risk for FMD



Predicted risk for S&G Pox



Predicted risk for Theileriosis



Predicted risk for Anthrax

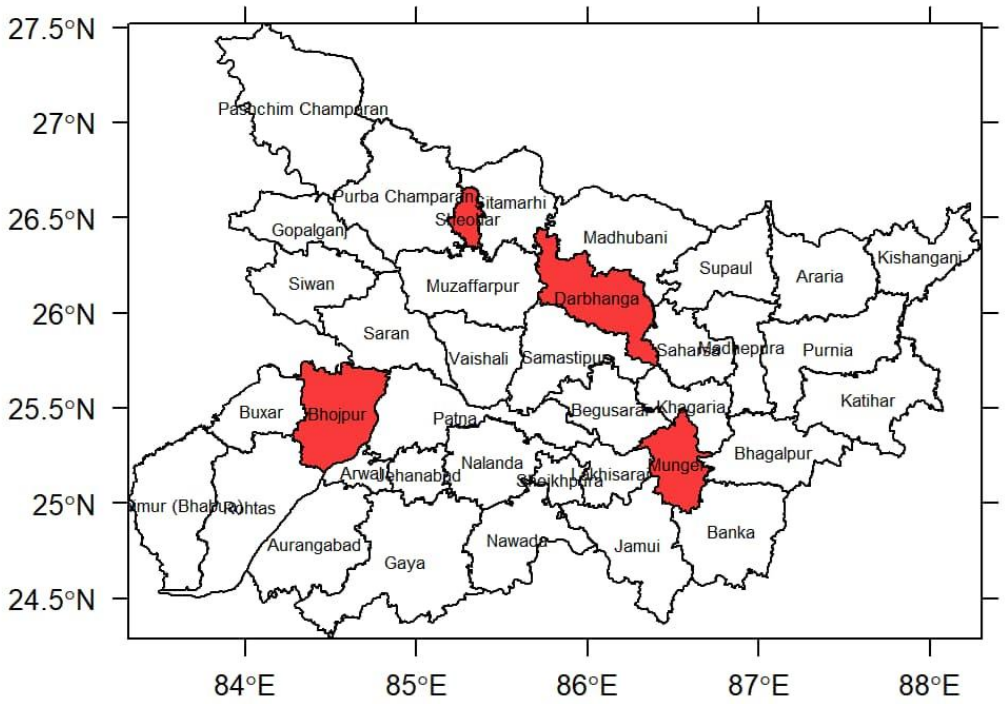
3.5. Bihar

The livestock disease forecast for **Bihar** for **June 2026**, generated using NADRES v2, an Artificial Intelligence- powered early warning system, indicates that **eight** districts are at **very high risk** for **ASF, Babesiosis, BQ, CSF, ET, Fasciolosis , LSD, PPR, S&G Pox, Theileriosis and Trypanosomiasis** showing the highest predicted risks.

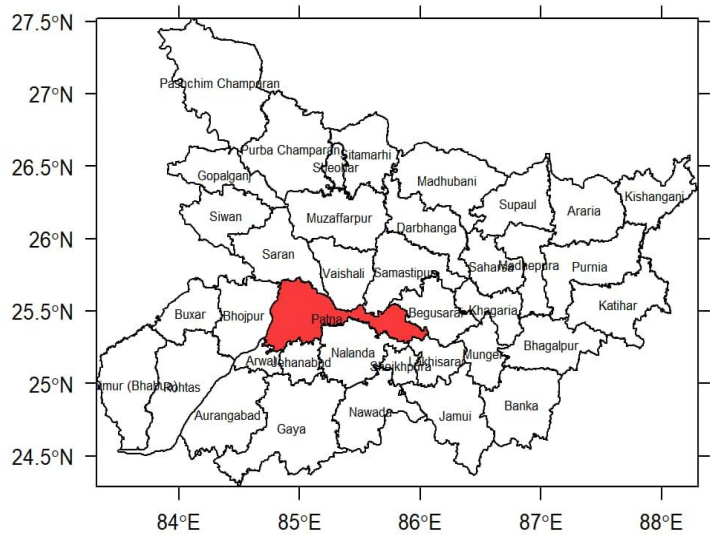
I. Livestock Diseases with Predicted Risk in Different Districts of Bihar for June 2026

SI. No.	Disease Name	Names of Districts
1.	African Swine Fever	Bhojpur, Darbhanga, Munger, Sheohar
2.	Babesiosis	Muzaffarpur
3.	Black quarter	Muzaffarpur
4.	Classical Swine fever	Patna
5.	Enterotoxaemia	Muzaffarpur
6.	Fasciolosis	Muzaffarpur
7.	Foot and mouth disease	Muzaffarpur
8.	Lumpy Skin Disease	Muzaffarpur
9.	Peste des petits ruminants	Begusarai, Bhojpur
10.	Sheep & Goat pox	Patna
11.	Theileriosis	Patna
12.	Trypanosomiasis	Kaimur (Bhabua)

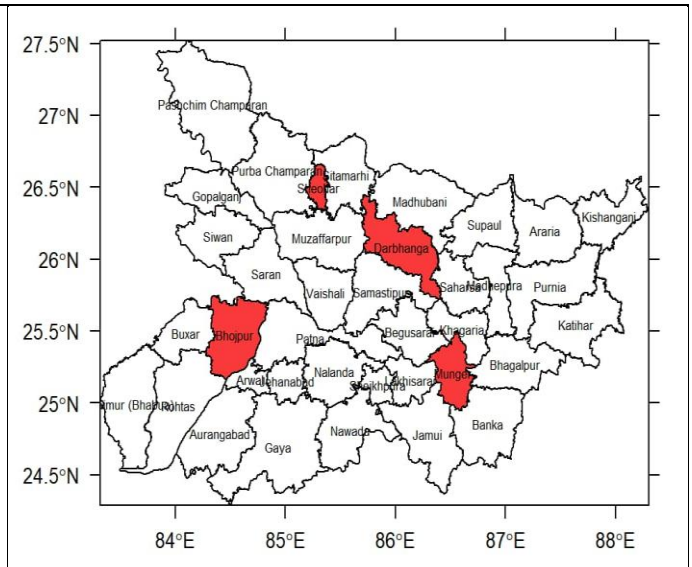
II. District-wise mapping of very high–risk areas for different diseases in Bihar for the month of June 2026



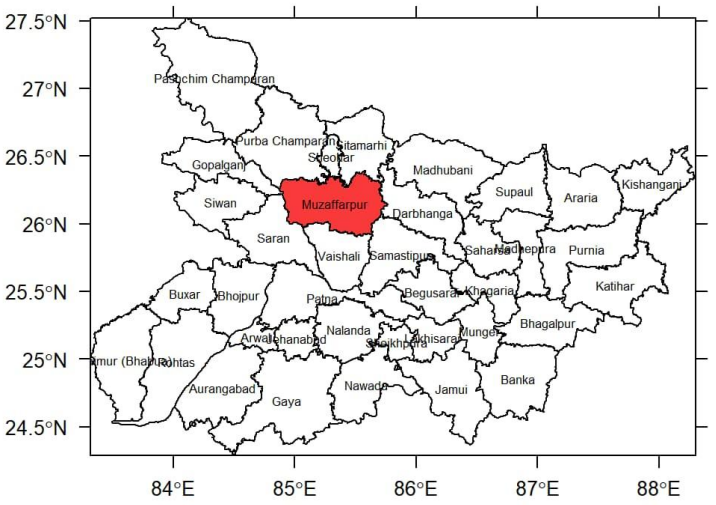
Predicted risk for ASF



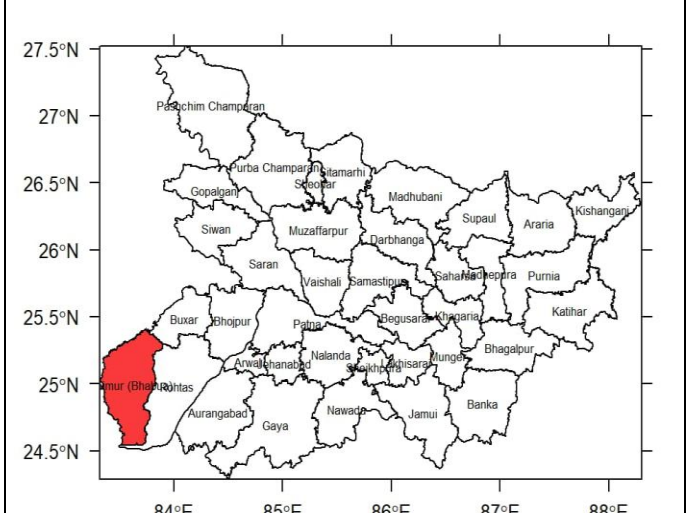
Predicted risk for PPR



Predicted risk for Trypanosomiasis



Predicted risk for Babesiosis, BQ, ET, Fasciolosis, FMD, LSD



Predicted risk for CSF, S&G Pox and Theileriosis

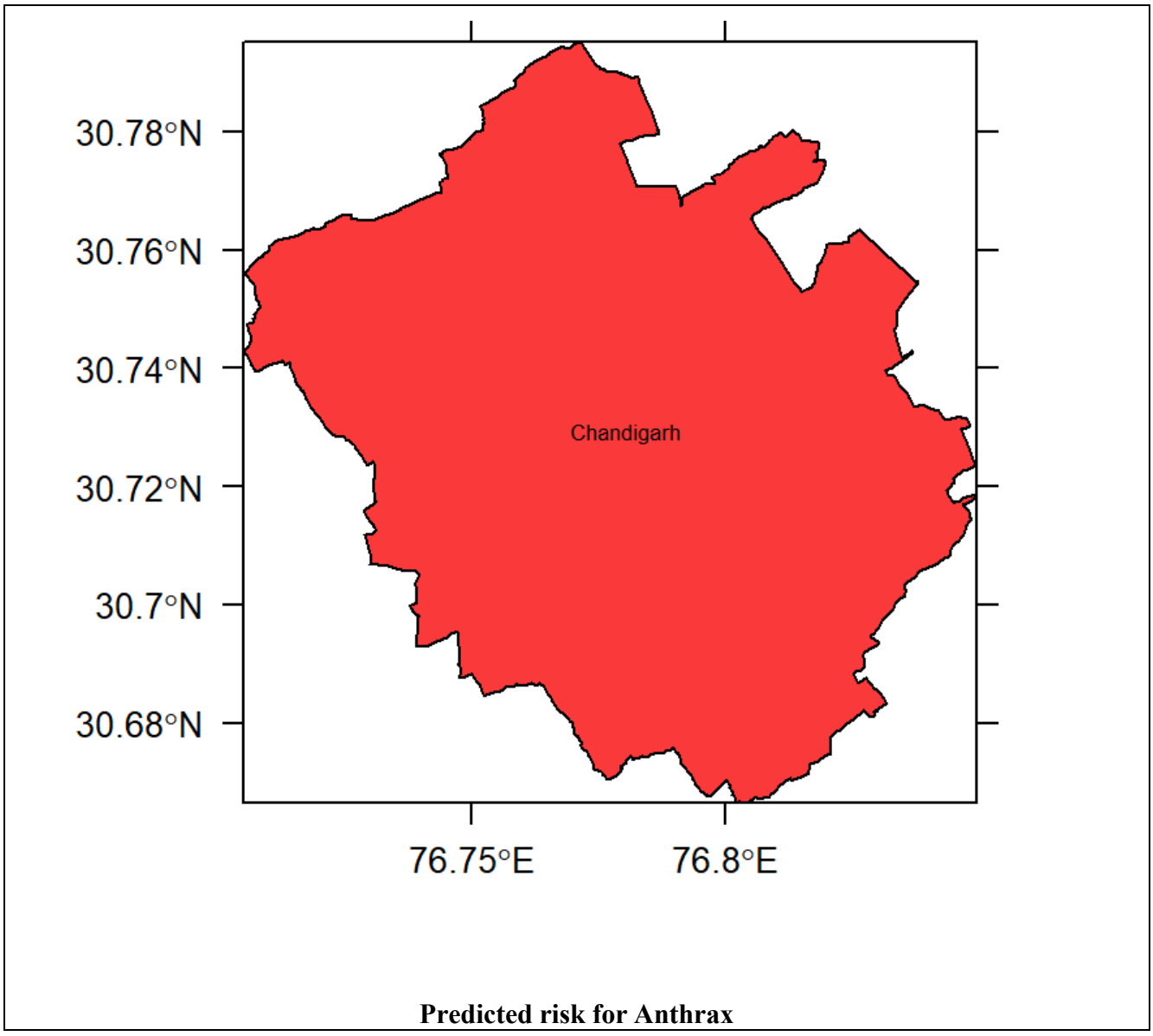
3.6 Chandigarh

The livestock disease forecast for **Chandigarh** for **June 2026,** generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that it is at very high risk for **Anthrax,** showing the highest predicted risks.

I. Livestock Diseases with Predicted Risk in Chandigarh during June 2026

SI. No.	Disease Name	Names of Districts
1.	Anthrax	Chandigarh

II. District-wise mapping of very high–risk areas of disease in Chandigarh for the month of June 2026



Predicted risk for Anthrax

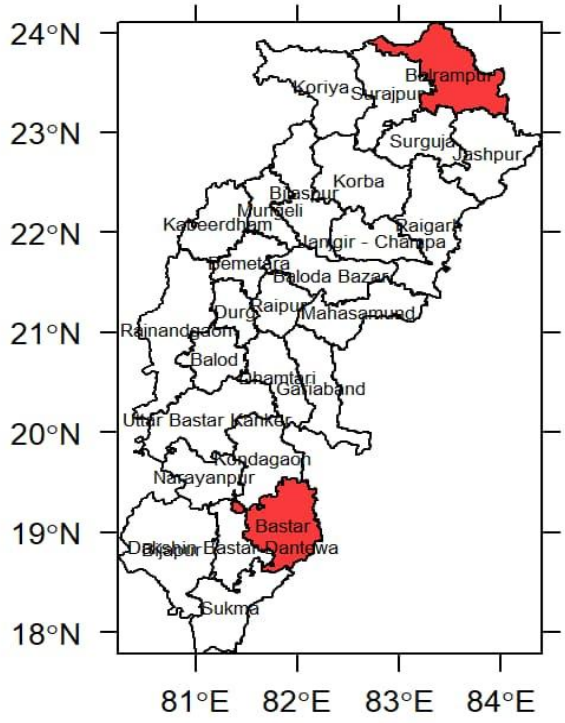
3.7. Chhattisgarh

The livestock disease forecast for **Chhattisgarh** for **June 2026** generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **nine** districts are at very high risk for **ASF, Babesiosis, ET, Fasciolosis, FMD, LSD, PPR, Theileriosis and Trypanosomiasis** showing the highest predicted risks.

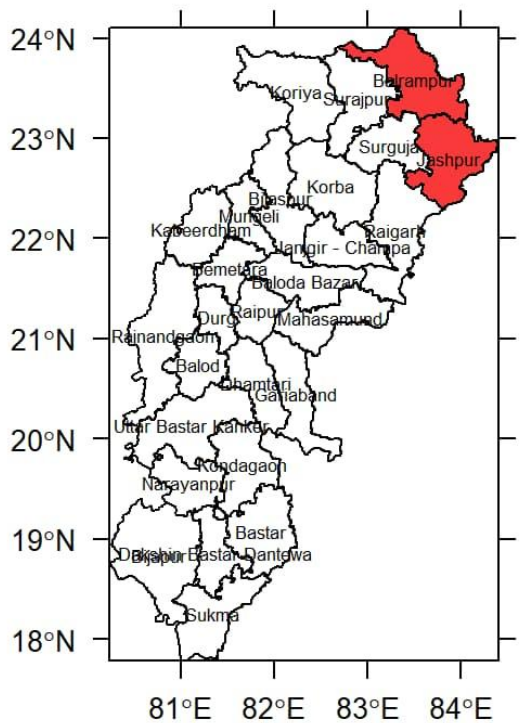
I. Livestock Diseases with Predicted Risk in Different Districts of Chhattisgarh during June 2026

SI. No.	Disease Name	Names of Districts
2.	African Swine Fever	Balrampur, Bastar
3.	Babesiosis	Balrampur, Jashpur
4.	Enterotoxaemia	Sukma
5.	Fasciolosis	Kabeerdham, Mungeli
6.	Foot and mouth disease	Kondagaon
7.	Lumpy Skin Disease	Bastar
8.	Peste des petits ruminants	Baloda Bazar, Raipur
9.	Theileriosis	Balrampur, Bastar
10.	Trypanosomiasis	Balrampur, Bastar

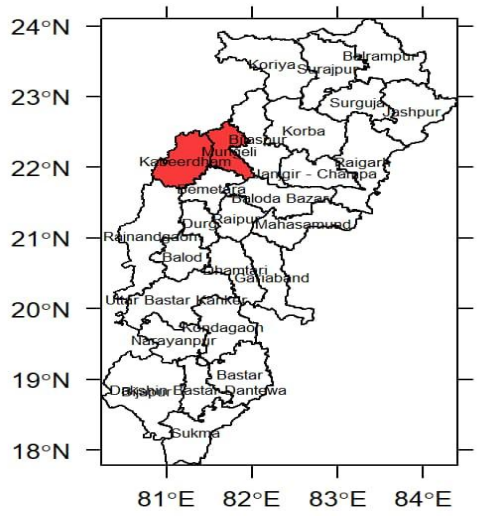
II. District-wise mapping of very high–risk areas for different diseases in Chhattisgarh for the month of June 2026



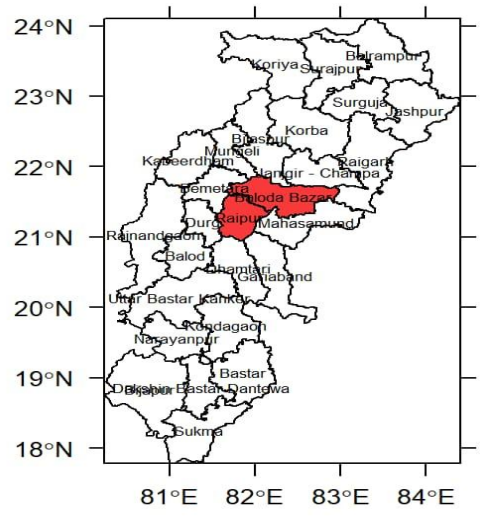
Predicted risk for ASF, Theileriosis, Trypanosomiasis



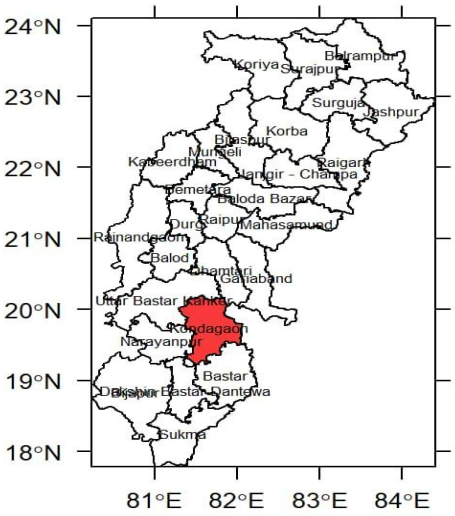
Predicted risk for Babesiosis



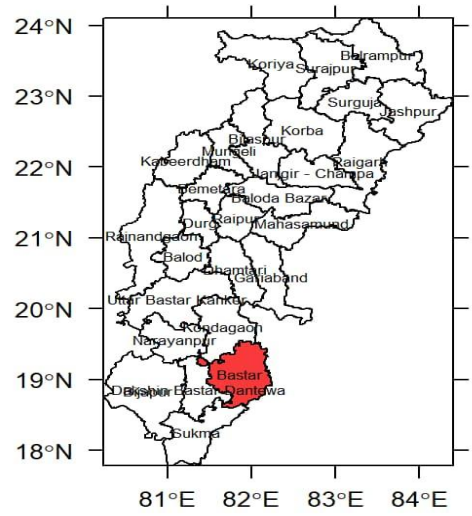
Predicted risk for Fasciolosis



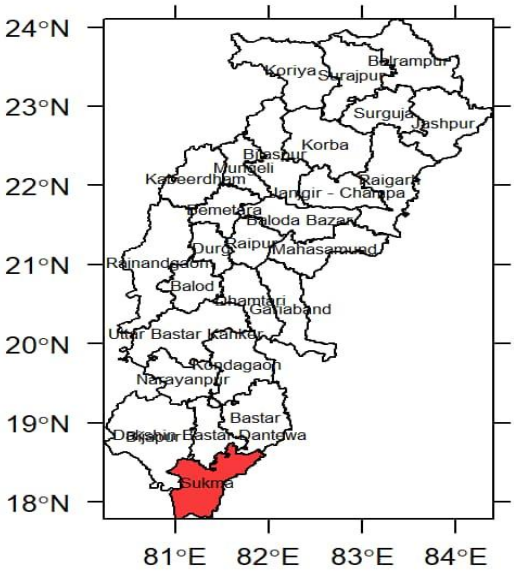
Predicted risk for PPR



Predicted risk for FMD



Predicted risk for LSD



Predicted risk for ET

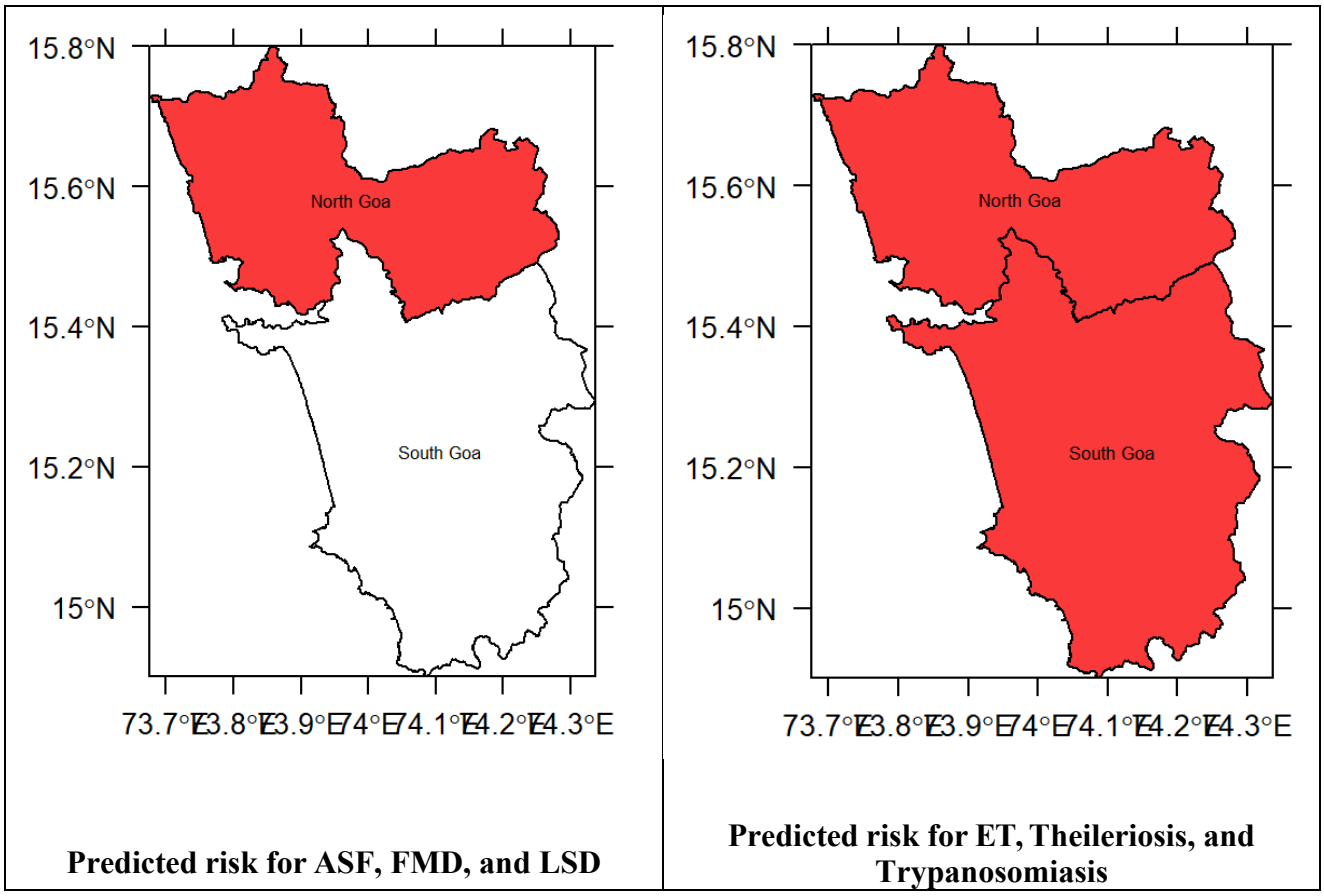
3.8. Goa

The livestock disease forecast for **Goa** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **two** districts are at **very high risk** for **ASF, ET, FMD, LSD, Theileriosis and Trypanosomiasis** showing the highest predicted risks**.**

I. Livestock Diseases with Predicted Risk in Different Districts of Goa for June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	North Goa
2.	Enterotoxaemia	North Goa, South Goa
3.	Foot and mouth disease	North Goa
4.	Lumpy Skin Disease	North Goa
5.	Theileriosis	North Goa, South Goa
6.	Trypanosomiasis	North Goa, South Goa

II. District-wise mapping of very high-risk areas for different diseases in Goa for the month of June 2026



Predicted risk for ASF, FMD, and LSD

Predicted risk for ET, Theileriosis, and Trypanosomiasis

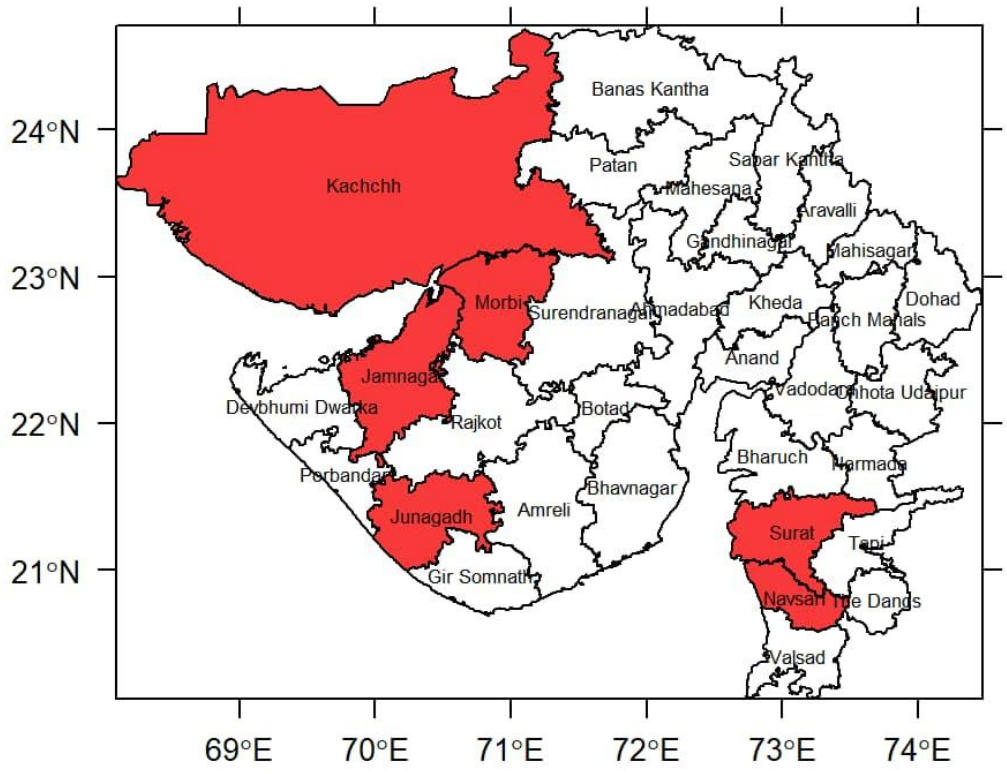
3.9. Gujarat

The livestock disease forecast for **Gujarat** for **June 2026**, generated using NADRES v2, an Artificial Intelligence- powered early warning system, indicates that **nine** districts are at **very high risk** for **Anthrax, Babesiosis, BQ, ET, Fasciolosis, FMD, HS, LSD, PPR, S&G Pox, Theileriosis and Trypanosomiasis** showing the highest predicted risks**.**

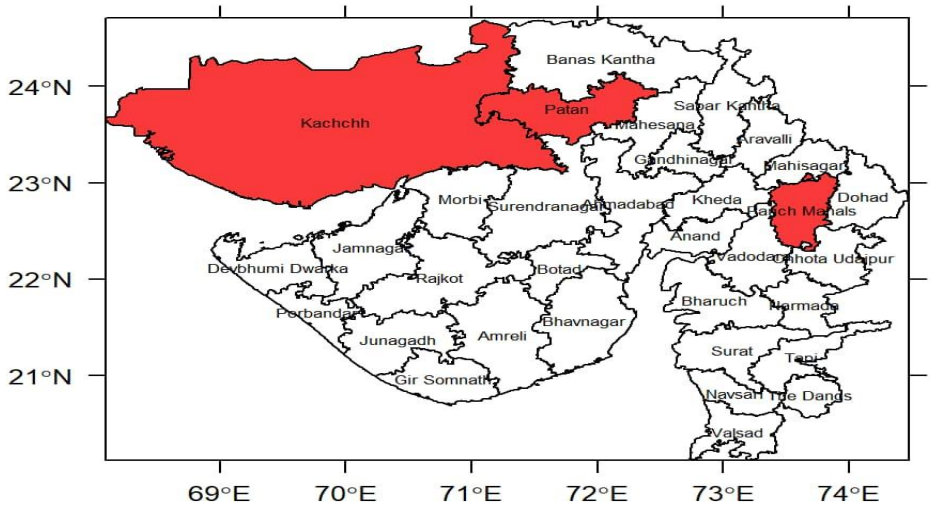
I. Livestock Diseases with Predicted Risk in Different Districts of Gujarat for June 2026

Sl. No.	Disease Name	Names of Districts
1.	Anthrax	Kachchh, Panch Mahals, Patan
2.	Babesiosis	Kachchh, Panch Mahals, Patan
3.	Black quarter	Kachchh, Panch Mahals, Patan
4.	Enterotoxaemia	Kachchh, Panch Mahals, Patan
5.	Fasciolosis	Kachchh, Panch Mahals, Patan
6.	Foot and mouth disease	Kachchh, Panch Mahals, Patan
7.	Haemorrhagic septicaemia	Junagadh, Kachchh, Patan
8.	Lumpy Skin Disease	Jamnagar, Junagadh, Kachchh, Morbi, Navsari, Surat
9.	Peste des petits ruminants	Junagadh, Kachchh, Patan
10.	Sheep & Goat pox	Chhota Udaipur, Jamnagar
11.	Theileriosis	Chhota Udaipur, Jamnagar
12.	Trypanosomiasis	Chhota Udaipur, Jamnagar

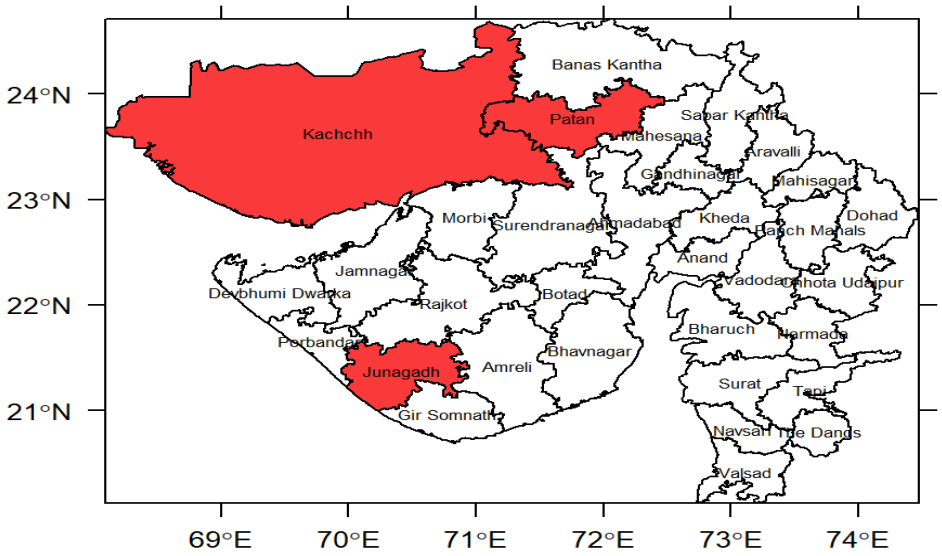
II. District-wise mapping of very high–risk areas for different diseases in Gujarat for the month of June 2026



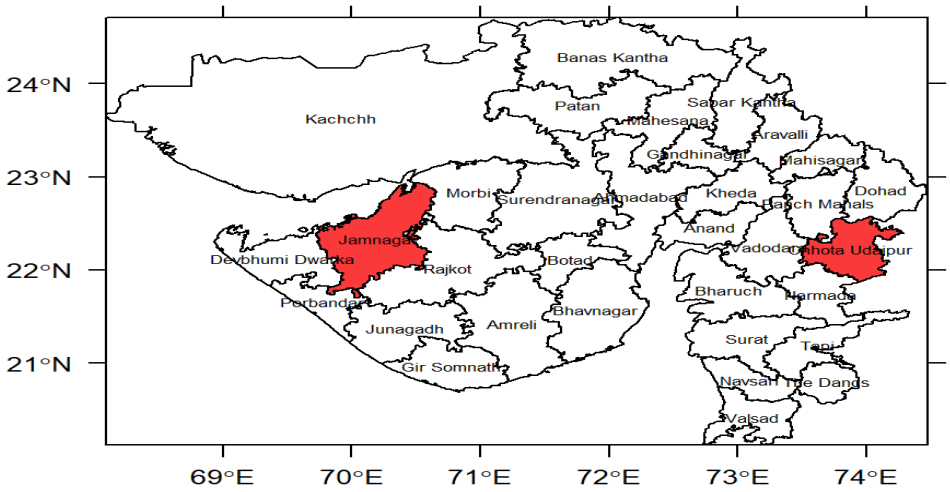
Predicted risk for LSD



Predicted risk for Anthrax, Babesiosis, BQ, ET, Fasciolosis, FMD



Predicted risk for HS & PPR



Predicted risk for S&G Pox, Theileriosis, and Trypanosomiasis

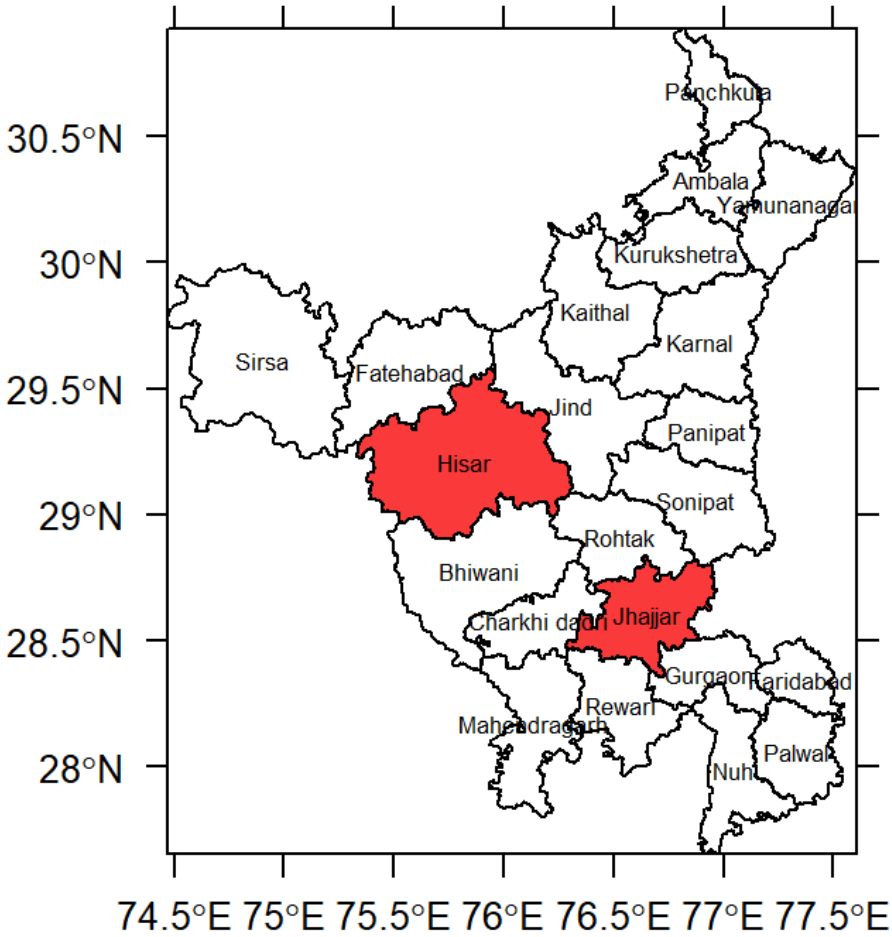
3.10. Haryana

The livestock disease forecast for **Haryana** for **June 2026**, generated using NADRES v2, an Artificial Intelligence- powered early warning system, indicates that **five** districts are at **very high risk** for **ASF, Anthrax, CSF, ET, Fasciolosis, LSD, PPR, Theileriosis and Trypanosomiasis** showing the highest predicted risks**.**

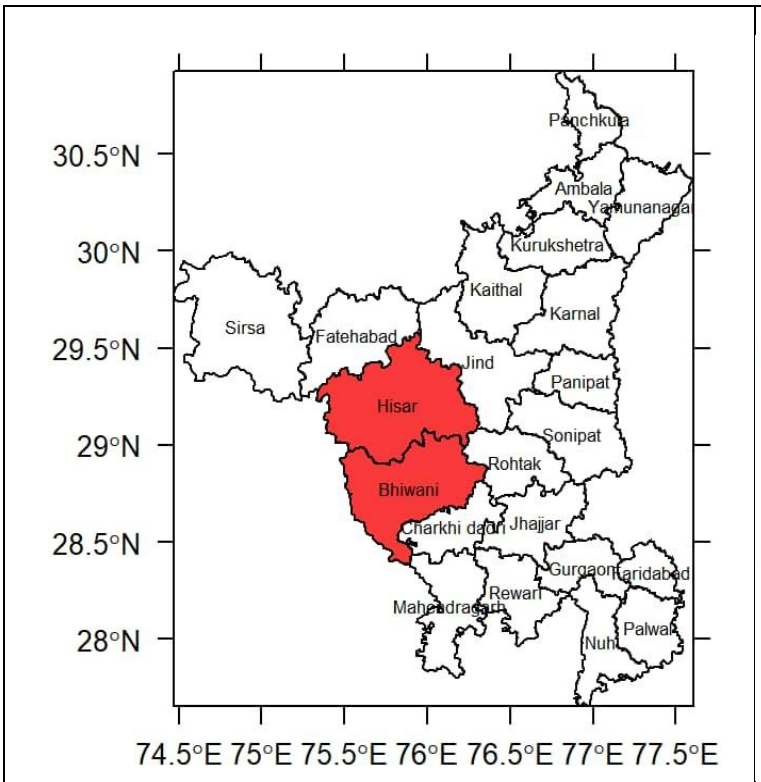
I. Livestock Diseases with Predicted Risk in Different Districts of Haryana for June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	Hisar, Jhajjar
2.	Anthrax	Gurgaon, Jhajjar
3.	Classical Swine fever	Hisar, Jhajjar
4.	Enterotoxaemia	Bhiwani, Hisar
5.	Fasciolosis	Bhiwani, Hisar
6.	Lumpy Skin Disease	Bhiwani
7.	Peste des petits ruminants	Fatehabad, Hisar
8.	Theileriosis	Hisar, Jhajjar
9.	Trypanosomiasis	Hisar, Jhajjar

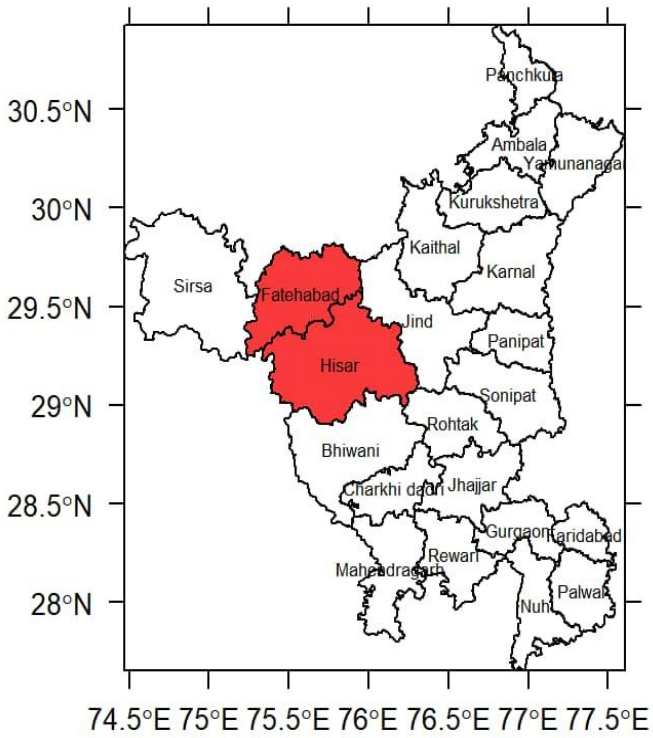
II. District-wise mapping of very high–risk areas for different diseases in Haryana for the month of June 2026



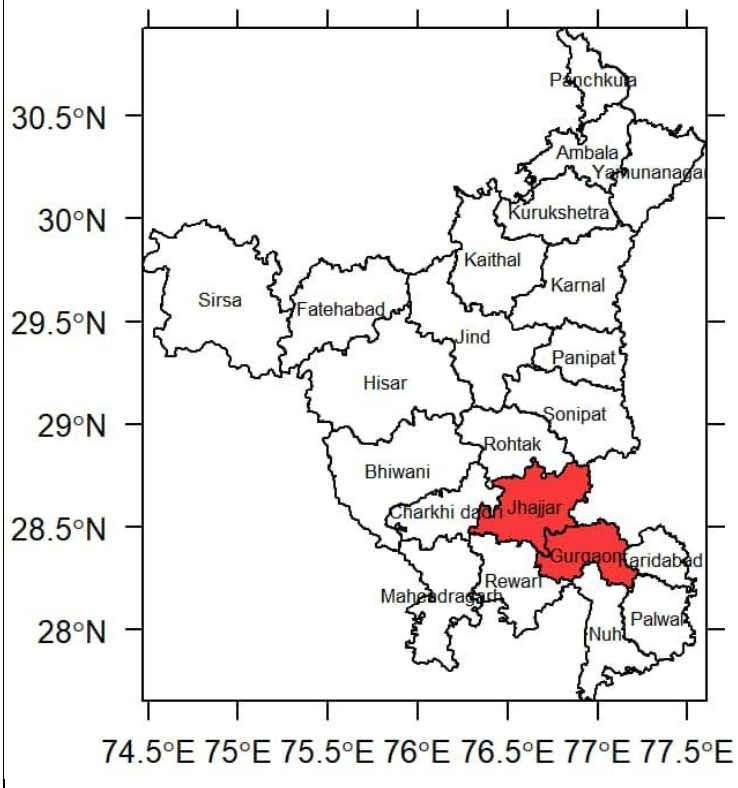
Predicted risk for ASF, CSF, Theileriosis, and Trypanosomiasis



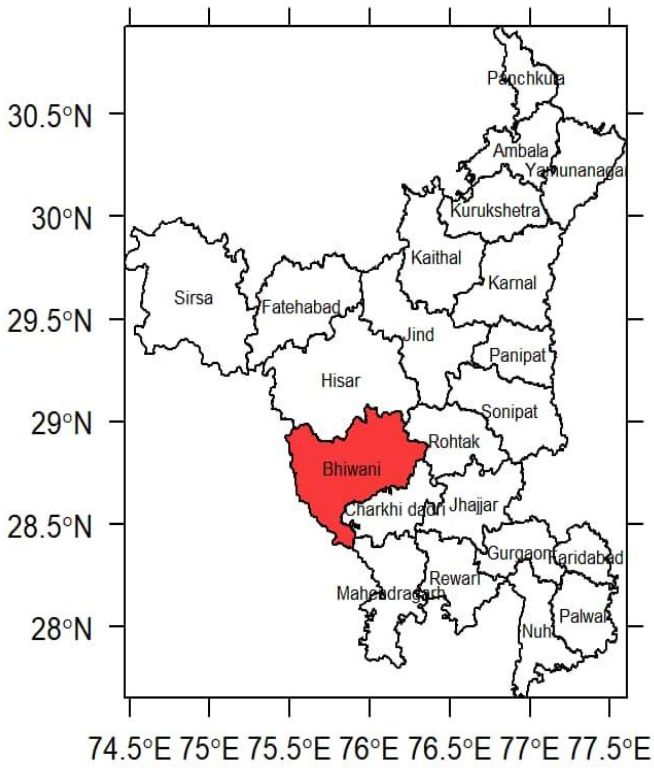
Predicted risk for ET and Fasciolosis



Predicted risk for PPR



Predicted risk for Anthrax



Predicted risk for LSD

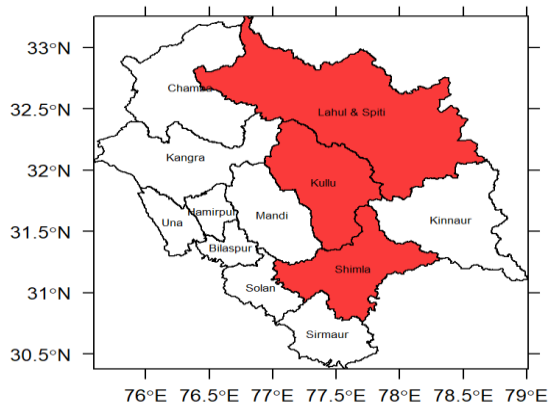
3.11. Himachal Pradesh

The livestock disease forecast for **Himachal Pradesh** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **five** districts are at **very high risk** for **ASF, Anthrax, Babesiosis, ET, CSF, Fasciolosis, FMD, HS, LSD, PPR, S&G Pox Theileriosis and Trypanosomiasis** showing the highest predicted risks**.**

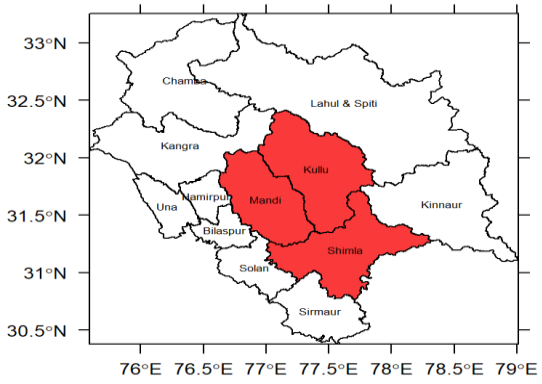
I. Livestock Diseases with Predicted Risk in Different Districts of Himachal Pradesh for June 2026

SI. No.	Disease Name	Names of Districts
1.	African Swine Fever	Mandi, Shimla
2.	Anthrax	Kullu, Shimla, Solan
3.	Babesiosis	Kullu, Shimla, Solan
4.	Black quarter	Kullu, Shimla, Solan
5.	Classical Swine fever	Mandi, Shimla
6.	Enterotoxaemia	Kullu, Shimla, Solan
7.	Fasciolosis	Kullu, Shimla, Solan
8.	Foot and mouth disease	Kullu, Lahul & Spiti, Shimla
9.	Haemorrhagic septicaemia	Kullu, Shimla, Solan
10.	Lumpy Skin Disease	Mandi, Shimla
11.	Peste des petits ruminants	Kullu, Mandi, Shimla
12.	Sheep & Goat pox	Mandi, Shimla
13.	Theileriosis	Mandi, Shimla
14.	Trypanosomiasis	Mandi, Shimla

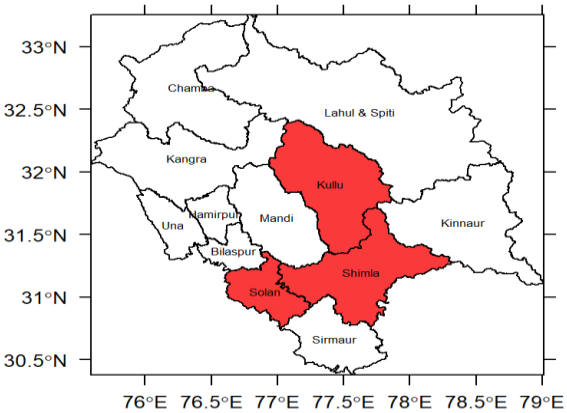
I. District-wise mapping of very high–risk areas for different diseases in Himachal Pradesh for the month of June 2026



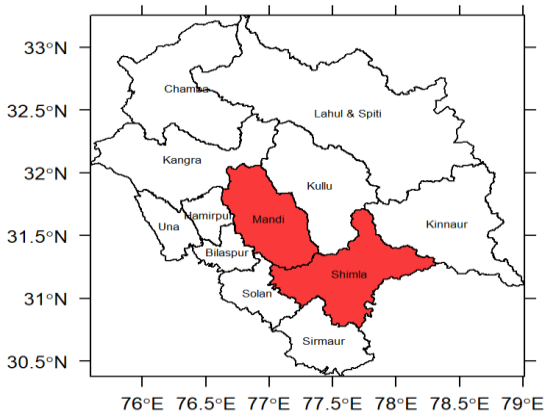
Predicted risk for FMD



Predicted risk for PPR



Predicted risk for Anthrax, Babesiosis, BQ, ET, Fasciolosis, HS



Predicted risk for ASF, CSF, LSD, S&G Pox, Theileriosis and Trypanosomiasis

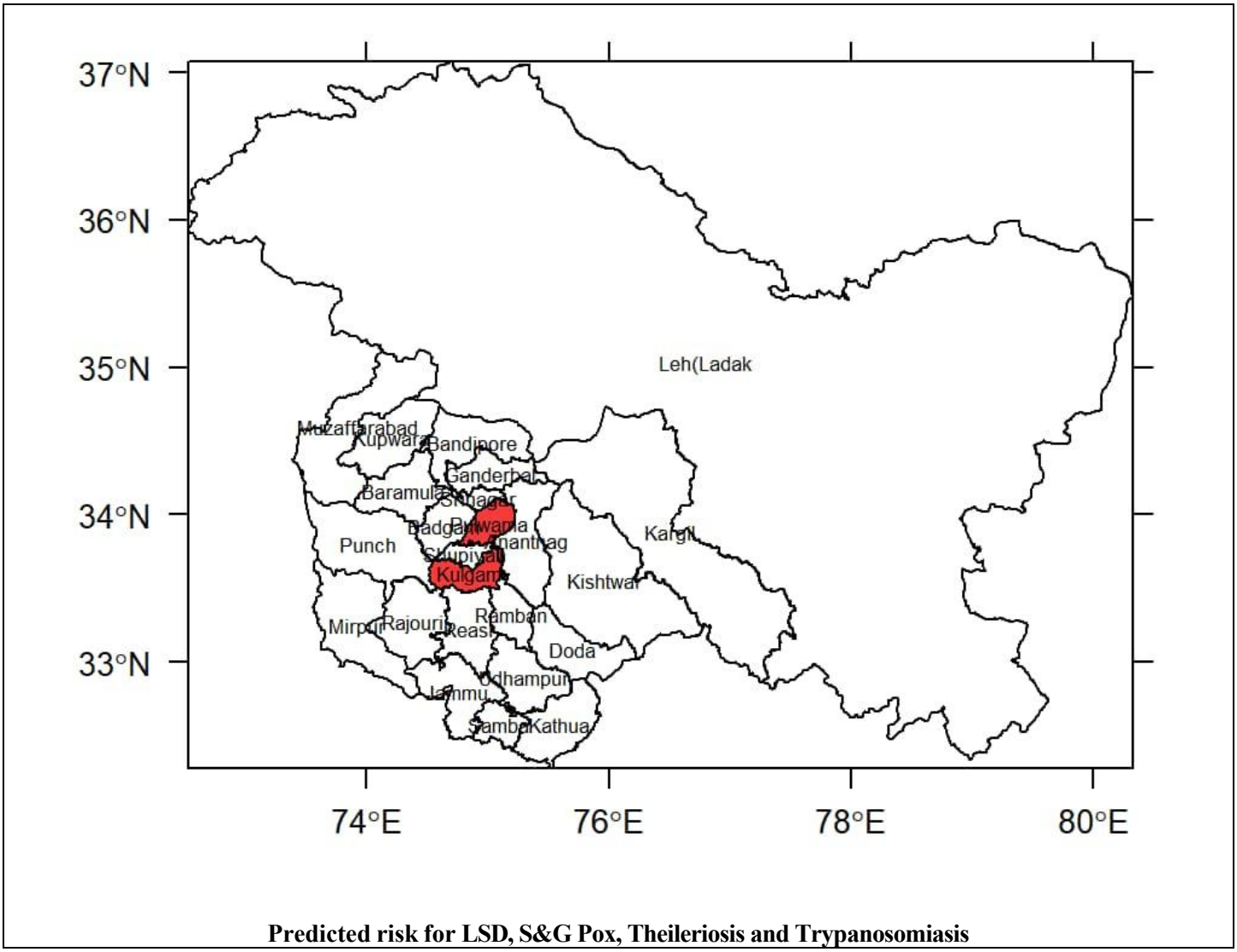
3.12. Jammu and Kashmir

The livestock disease forecast for **Jammu and Kashmir** for **June 2026**, generated using NADRES v2, an Artificial Intelligence- powered early warning system, indicates that **two** districts are at **very high risk** for **LSD, S&G Pox, Theileriosis and Trypanosomiasis** showing the highest predicted risks.

I. Livestock Diseases with Predicted Risk in Different Districts of Jammu and Kashmir for June 2026

Sl. No.	Disease Name	Names of Districts
1.	Lumpy Skin Disease	Kulgam, Pulwama
2.	Sheep & Goat Pox	Kulgam, Pulwama
3.	Theileriosis	Kulgam, Pulwama
4.	Trypanosomiasis	Kulgam, Pulwama

II. District-wise mapping of very high–risk areas for different diseases in Jammu and Kashmir for the month of June 2026



Predicted risk for LSD, S&G Pox, Theileriosis and Trypanosomiasis

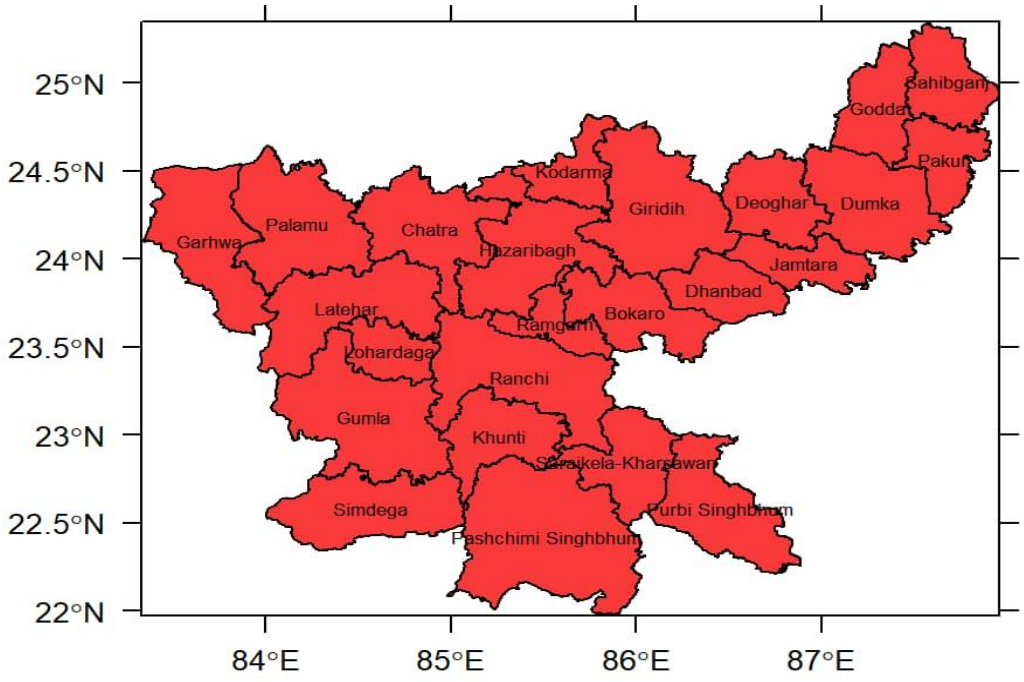
3.13. Jharkhand

The livestock disease forecast for **Jharkhand** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that all **twenty-four** districts are at **very high risk** for **ASF, Anthrax, Babesiosis, BQ, CSF, ET, Fasciolosis, FMD, HS, LSD, PPR, S&G Pox, Theileriosis and Trypanosomiasis** showing the highest predicted risks.

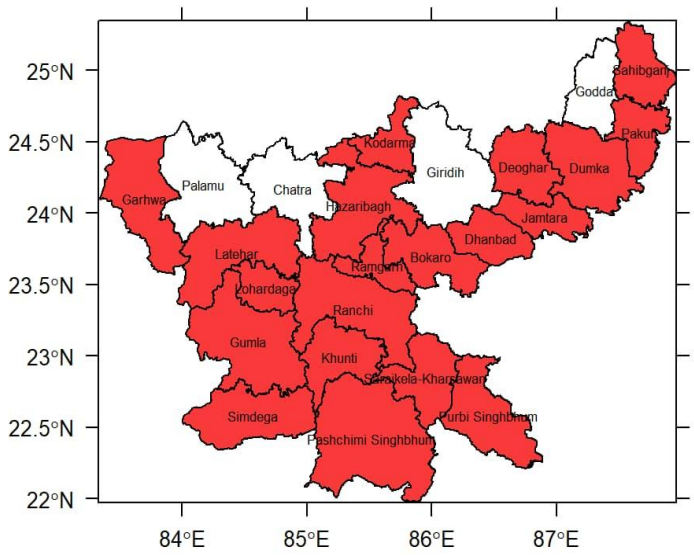
I. Livestock Diseases with Predicted Risk in Different Districts of Jharkhand for June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	All Districts
2.	Anthrax	Dumka, Khunti, Latehar, Sahibganj, Saraikela-Kharsawan
3.	Babesiosis	All Districts
4.	Black Quarter	Bokaro, Hazaribagh, Kodarma, Latehar, Lohardaga, Palamu, Purbi Singhbhum, Ramgarh, Sahibganj
5.	Classical Swine Fever	Bokaro, Hazaribagh, Jamtara, Khunti, Lohardaga, Ramgarh, Ranchi, Sahibganj
6.	Enterotoxaemia	Bokaro, Dumka, Latehar, Lohardaga, Pakur, Palamu, Pashchimi Singhbhum, Ramgarh, Sahibganj, Simdega
7.	Fasciolosis	All Districts
8.	Foot and Mouth Disease	Bokaro, Dhanbad, Dumka, Giridih, Hazaribagh, Jamtara, Khunti, Kodarma, Latehar, Lohardaga, Pakur, Pashchimi Singhbhum, Ramgarh, Ranchi, Sahibganj, Saraikela-Kharsawan, Simdega
9.	Haemorrhagic Septicaemia	Dumka, Pakur, Pashchimi Singhbhum, Purbi Singhbhum, Ramgarh, Sahibganj
10.	Lumpy Skin Disease	All Districts
11.	Peste des petits ruminants	Bokaro, Deoghar, Dhanbad, Dumka, Garhwa, Gumla, Hazaribagh, Jamtara, Khunti, Kodarma, Latehar, Lohardaga, Pakur, Pashchimi Singhbhum, Purbi Singhbhum, Ramgarh, Ranchi, Sahibganj, Saraikela-Kharsawan, Simdega
12.	Sheep & Goat pox	Khunti, Latehar, Palamu, Pashchimi Singhbhum, Purbi Singhbhum, Sahibganj, Saraikela-Kharsawan
13.	Theileriosis	All Districts
14.	Trypanosomiasis	All Districts

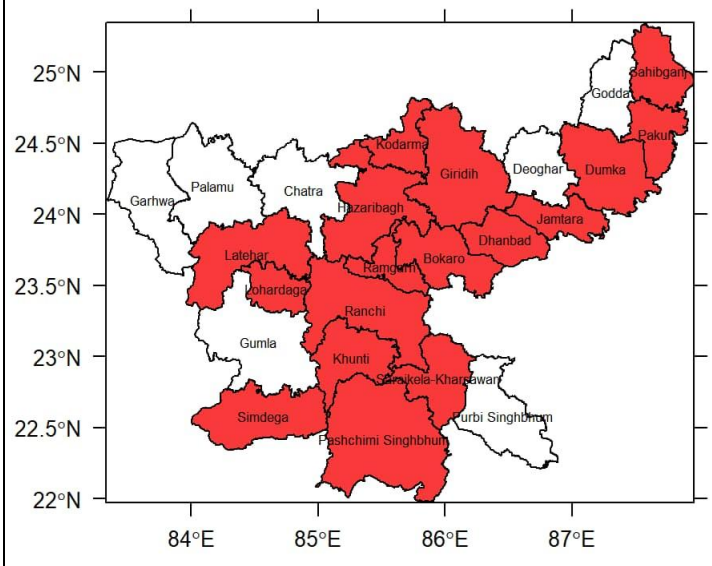
II. District-wise mapping of very high–risk areas for different diseases in Jharkhand for the month of June 2026



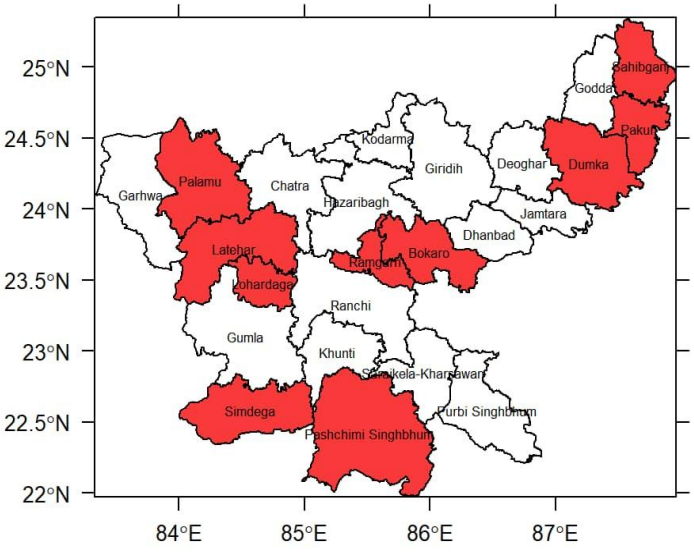
Predicted risk for ASF, Babesiosis, Fasciolosis, LSD, Theileriosis and Trypanosomiasis



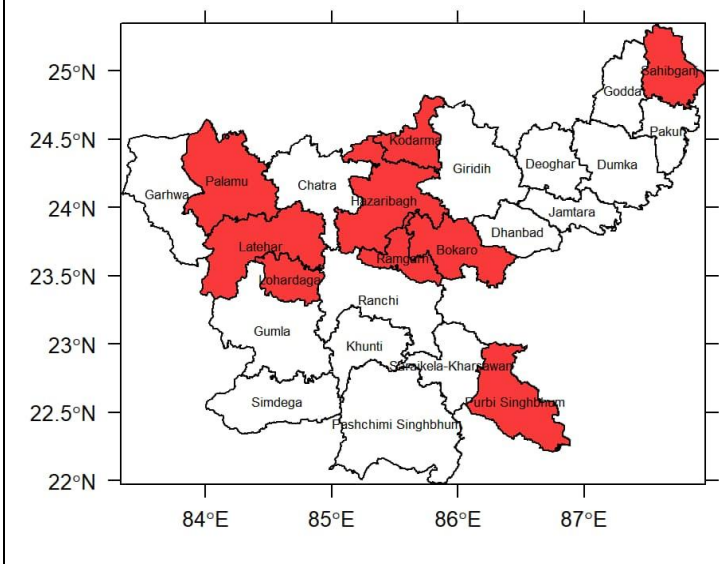
Predicted risk for PPR



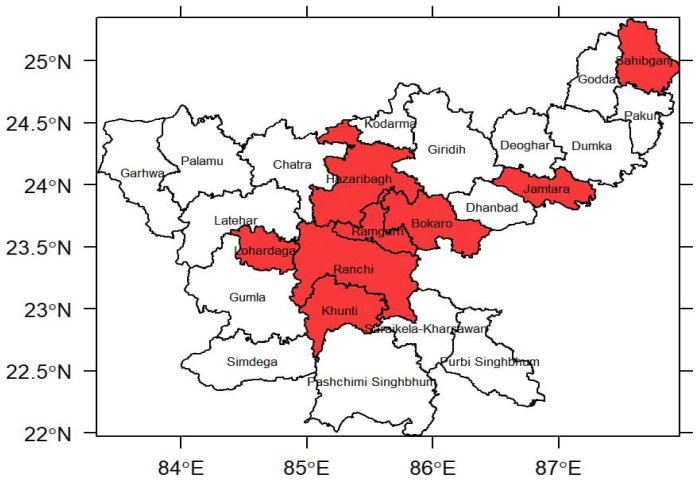
Predicted risk for FMD



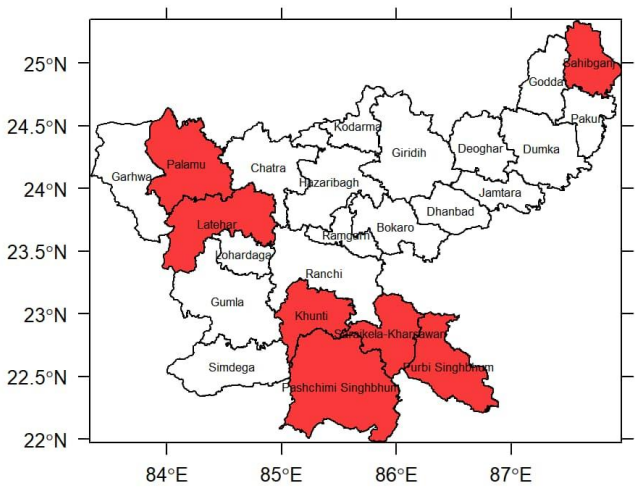
Predicted risk for ET



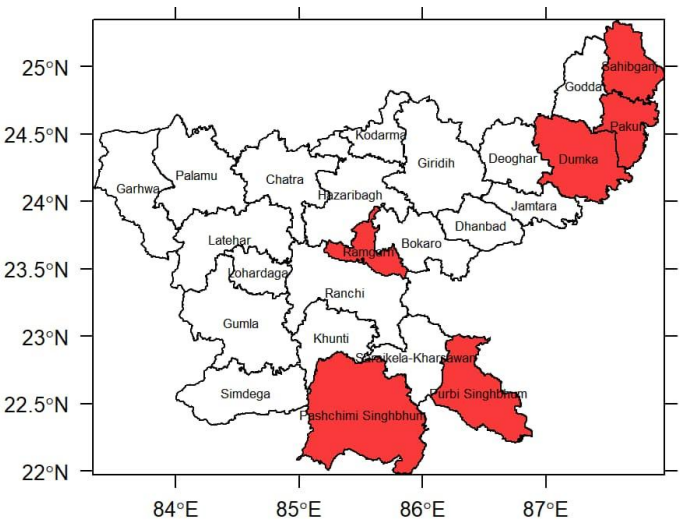
Predicted risk for BQ



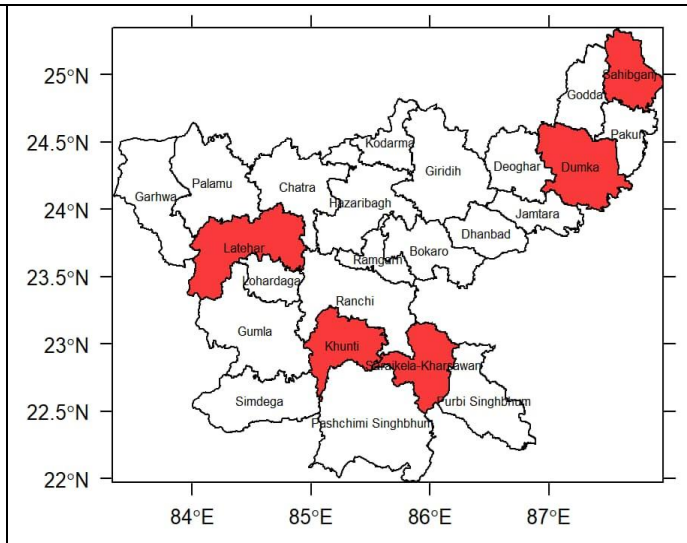
Predicted risk for CSF



Predicted risk for S&G Pox



Predicted risk for HS



Predicted risk for Anthrax

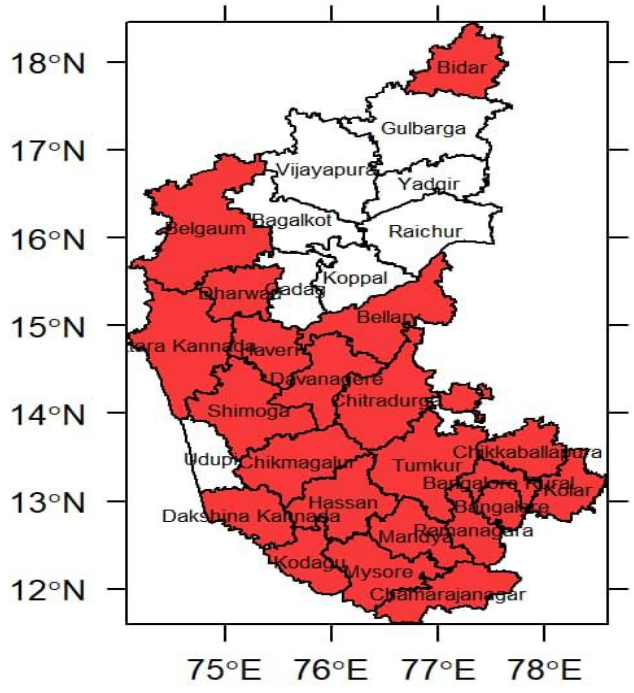
3.14. Karnataka

The livestock disease forecast for **Karnataka** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **twenty-eight** districts are at **very high risk** for **ASF, Anthrax, BQ, CSF, ET, Fasciolosis, FMD, HS, LSD, PPR, S&G pox, Theileriosis and Trypanosomiasis** showing the highest predicted risks.

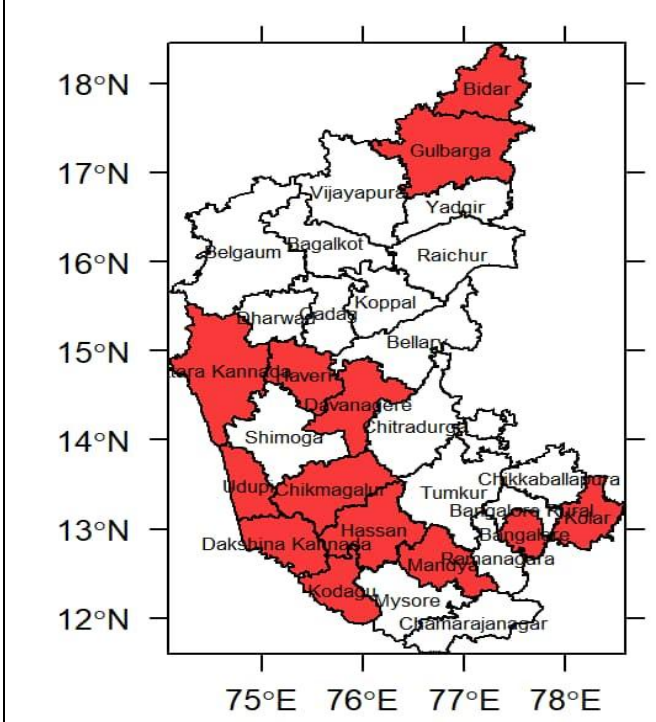
I. Livestock Diseases with Predicted Risk in Different Districts of Karnataka for June 2026

SI. No.	Disease Name	Names of Districts
1.	African Swine Fever	Koppal
2.	Anthrax	Bellary, Koppal
3.	Black Quarter	Bangalore, Dharwad, Mysore, Raichur, Ramanagara, Udupi
4.	Classical Swine Fever	Bagalkot, Belgaum, Bellary, Chitradurga, Koppal, Mysore, Tumkur, Vijayapura
5.	Enterotoxaemia	Bagalkot, Bangalore, Dharwad, Mysore, Raichur, Shimoga, Uttara Kannada
6.	Fasciolosis	Bagalkot, Bangalore, Dharwad, Mysore, Raichur, Shimoga, Uttara Kannada
7.	Foot and Mouth Disease	Bangalore, Bangalore Rural, Belgaum, Bellary, Bidar, Chamarajanagar, Chikkaballapura, Chikmagalur, Chitradurga, Dakshina Kannada, Davanagere, Dharwad, Hassan, Haveri, Kodagu, Kolar, Mandya, Mysore, Ramanagara, Shimoga, Tumkur, Uttara Kannada
8.	Haemorrhagic Septicaemia	Davanagere
9.	Lumpy Skin Disease	Bangalore, Bidar, Chikmagalur, Dakshina Kannada, Davanagere, Gulbarga, Hassan, Haveri, Kodagu, Kolar, Mandya, Udupi, Uttara Kannada
10.	Peste des Petits Ruminants	Bellary, Chitradurga, Kodagu
11.	Sheep & Goat pox	Bagalkot, Belgaum, Bellary, Chitradurga, Koppal, Mysore, Tumkur, Vijayapura
12.	Theileriosis	Kodagu, Koppal
13.	Trypanosomiasis	Koppal

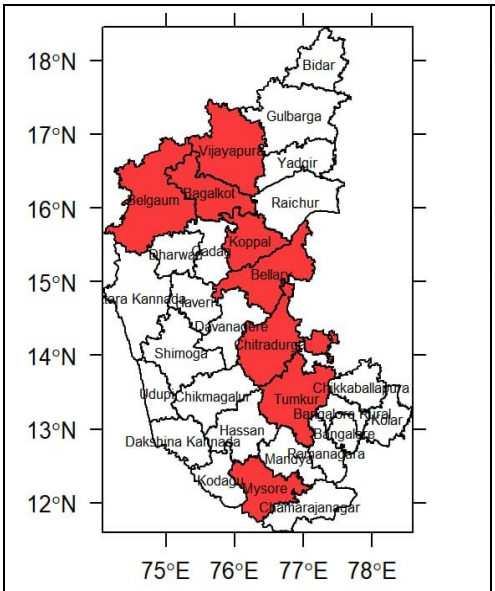
II. District-wise mapping of very high–risk areas for different diseases in Karnataka for the month of June 2026



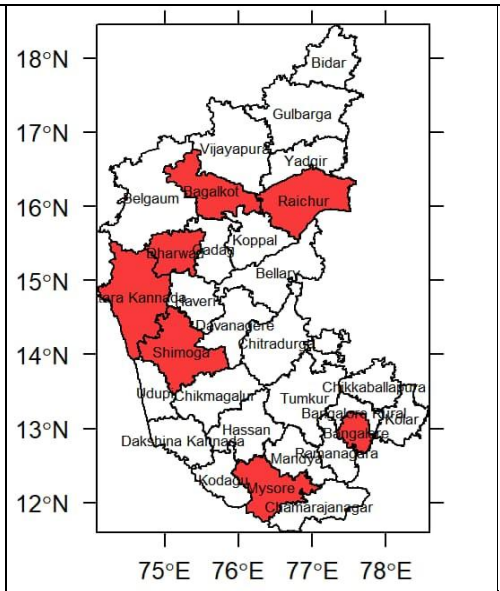
Predicted risk for FMD



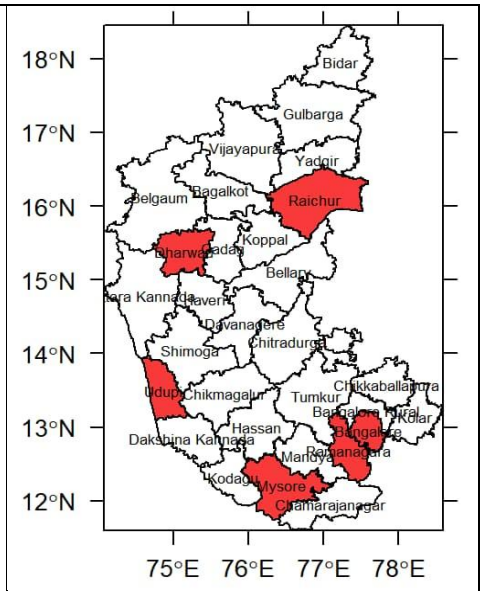
Predicted risk for LSD



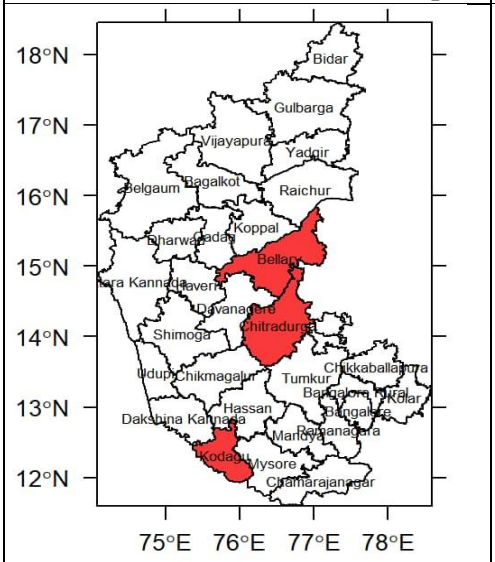
Predicted risk for CSF and S&G pox



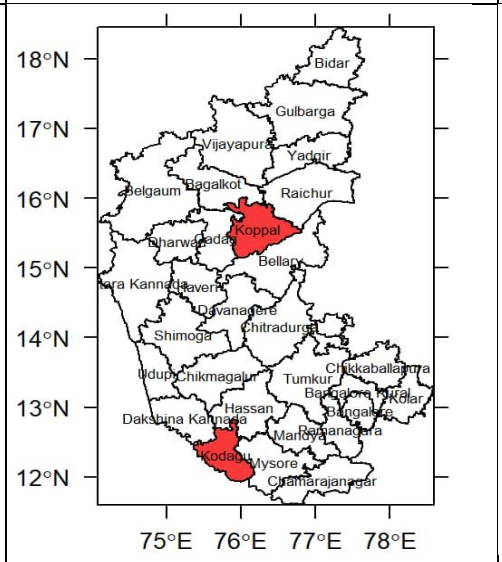
Predicted risk for ET and Fasciolosis



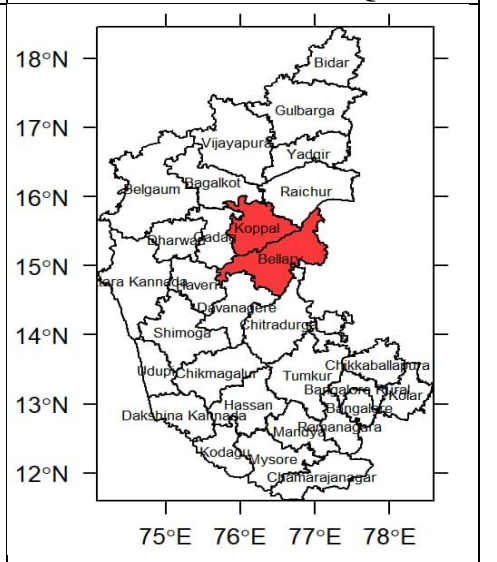
Predicted risk for BQ



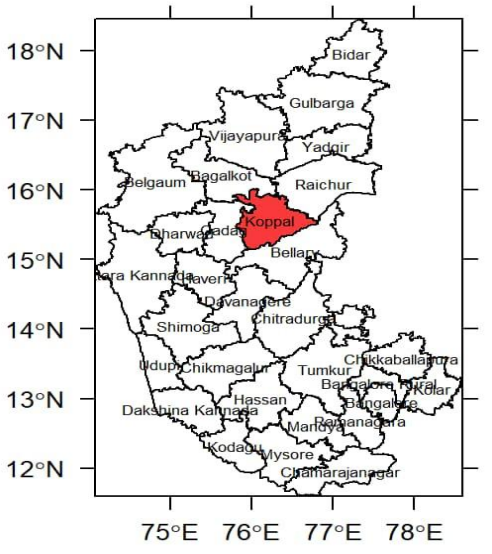
Predicted risk for PPR



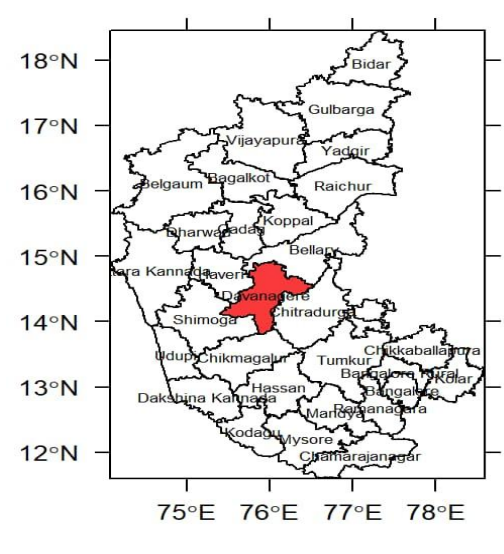
Predicted risk for Theileriosis



Predicted risk for Anthrax



Predicted risk for ASF, Trypanosomiasis



Predicted risk for HS

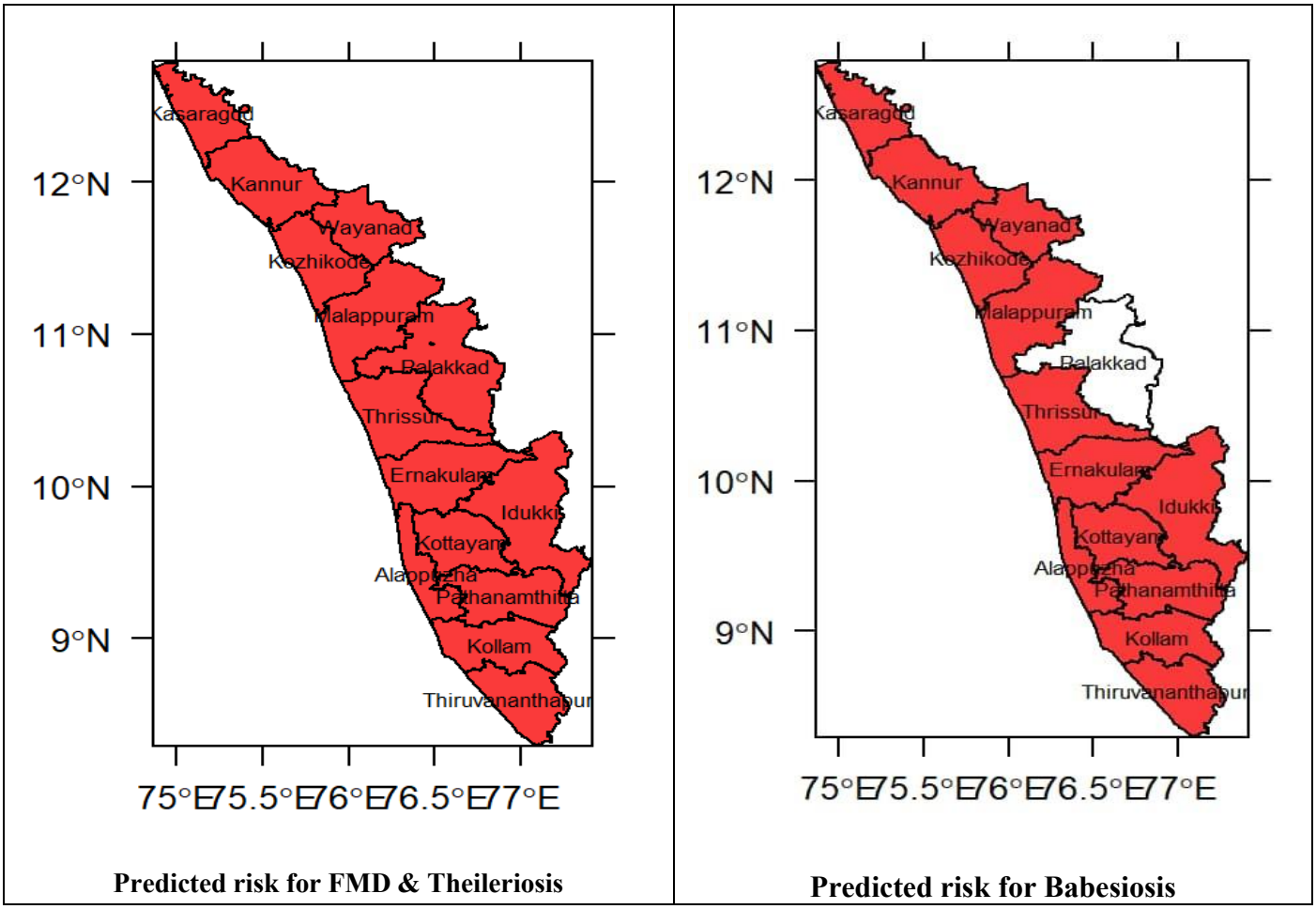
3.15. Kerala

The livestock disease forecast for **Kerala** for **June 2026**, generated using NADRES v2, an Artificial Intelligence- powered early warning system, indicates that all **fourteen** districts are at **very high risk** for **ASF, Anthrax, Babesiosis, CSF, ET, Fasciolosis, FMD, HS, LSD, PPR, Theileriosis and Trypanosomiasis** showing the highest predicted risks.

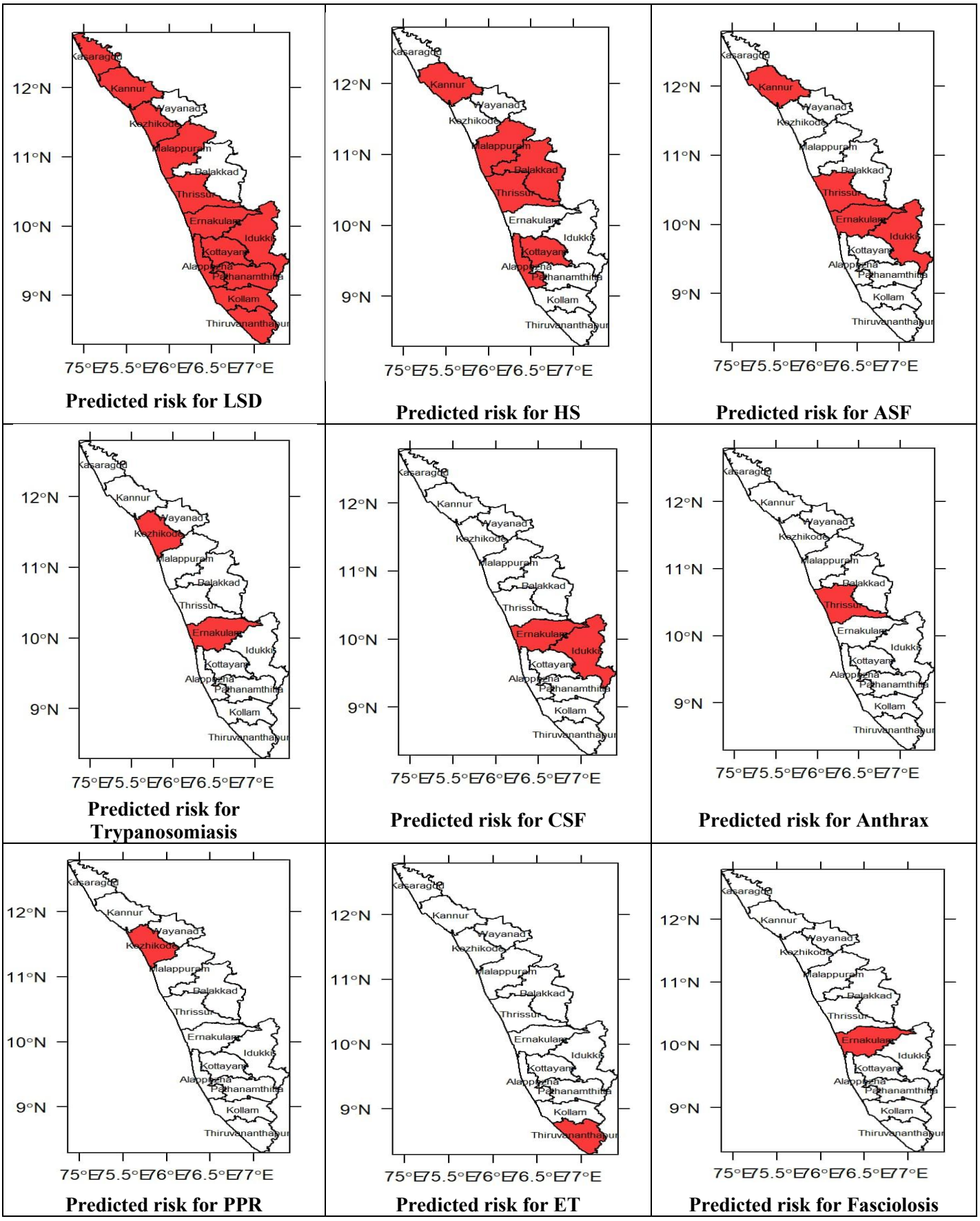
I. Livestock Diseases with Predicted Risk in Different Districts of Kerala for June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	Ernakulam, Idukki, Kannur, Thrissur
2.	Anthrax	Thrissur
3.	Babesiosis	All districts except Palakkad
4.	Classical Swine fever	Ernakulam, Idukki
5.	Enterotoxaemia	Thiruvananthapuram
6.	Fasciolosis	Ernakulam
7.	Foot and mouth disease	All districts
8.	Haemorrhagic septicaemia	Alappuzha, Kannur, Kottayam, Malappuram, Palakkad, Thrissur
9.	Lumpy Skin Disease	Alappuzha, Ernakulam, Idukki, Kannur, Kasaragod, Kollam, Kottayam, Kozhikode, Malappuram, Pathanamthitta, Thiruvananthapuram, Thrissur
10.	Peste des petits ruminants	Kozhikode
11.	Theileriosis	All districts
12.	Trypanosomiasis	Ernakulam, Kozhikode

II. District-wise mapping of very high–risk areas for different diseases in Kerala for the month of June 2026



Predicted risk for FMD & Theileriosis | **Predicted risk for Babesiosis**



Predicted risk for LSD

Predicted risk for HS

Predicted risk for ASF

Predicted risk for Trypanosomiasis

Predicted risk for CSF

Predicted risk for Anthrax

Predicted risk for PPR

Predicted risk for ET

Predicted risk for Fasciolosis

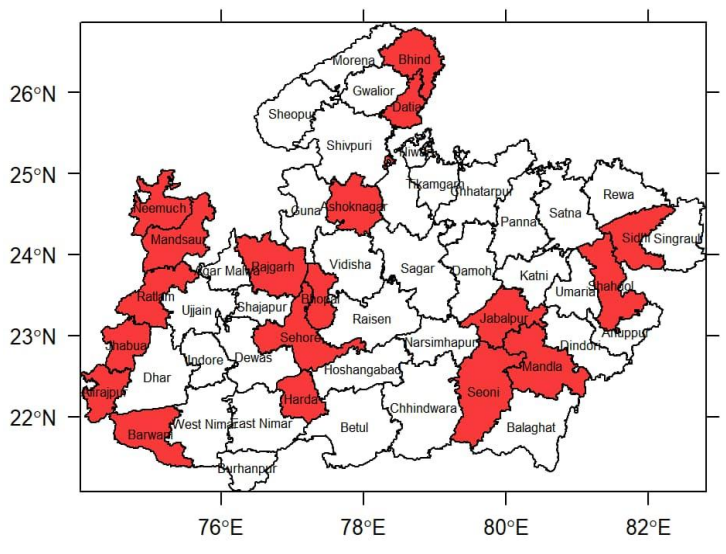
3.16. Madhya Pradesh

The livestock disease forecast for **Madhya Pradesh** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **twenty-one** districts are at **very high risk** for **ASF, Anthrax, Babesiosis, BQ, CSF, ET, Fasciolosis, FMD, HS, LSD, PPR, S&G pox, Theileriosis, and Trypanosomiasis** showing the highest predicted risks.

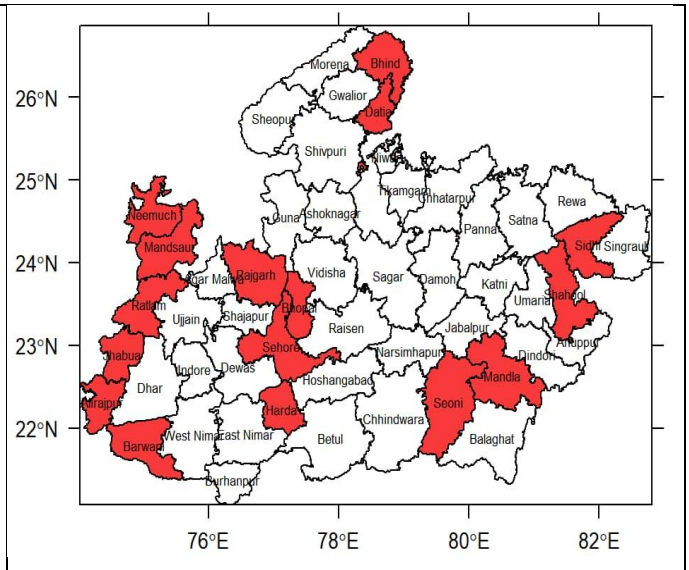
I. Livestock Diseases with Predicted Risk in Different Districts of Madhya Pradesh for June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	Dewas
2.	Anthrax	Alirajpur, Ashoknagar, Barwani, Bhind, Bhopal, Datia, Harda, Jabalpur, Jhabua, Mandla, Mandsaur, Neemuch, Rajgarh, Ratlam, Sehore, Seoni, Shahdol, Sidhi
3.	Babesiosis	Alirajpur, Barwani, Bhind, Bhopal, Datia, Harda, Jhabua, Mandla, Mandsaur, Neemuch, Rajgarh, Ratlam, Sehore, Seoni, Shahdol, Sidhi
4.	Black quarter	Alirajpur, Barwani, Bhind, Bhopal, Datia, Harda, Jhabua, Mandla, Mandsaur, Neemuch, Rajgarh, Ratlam, Sehore, Seoni, Shahdol, Sidhi
5.	Classical Swine fever	Betul, Chhindwara, Dewas
6.	Enterotoxaemia	Alirajpur, Barwani, Bhind, Bhopal, Datia, Harda, Jhabua, Mandla, Mandsaur, Neemuch, Rajgarh, Ratlam, Sehore, Seoni, Shahdol, Sidhi
7.	Fasciolosis	Alirajpur, Barwani, Bhind, Bhopal, Datia, Harda, Jhabua, Mandla, Mandsaur, Neemuch, Rajgarh, Ratlam, Sehore, Seoni, Shahdol, Sidhi
8.	Foot and mouth disease	Alirajpur, Barwani, Bhind, Bhopal, Datia, Harda, Jhabua, Mandla, Mandsaur, Neemuch, Rajgarh, Ratlam, Sehore, Seoni, Shahdol, Sidhi
9.	Haemorrhagic septicaemia	Betul, Chhindwara
10.	Lumpy Skin Disease	Dewas, Jhabua
11.	Peste des petits ruminants	Betul, Chhindwara, Dewas
12.	Sheep & Goat pox	Betul, Chhindwara, Dewas
13.	Theileriosis	Dewas
14.	Trypanosomiasis	Dewas

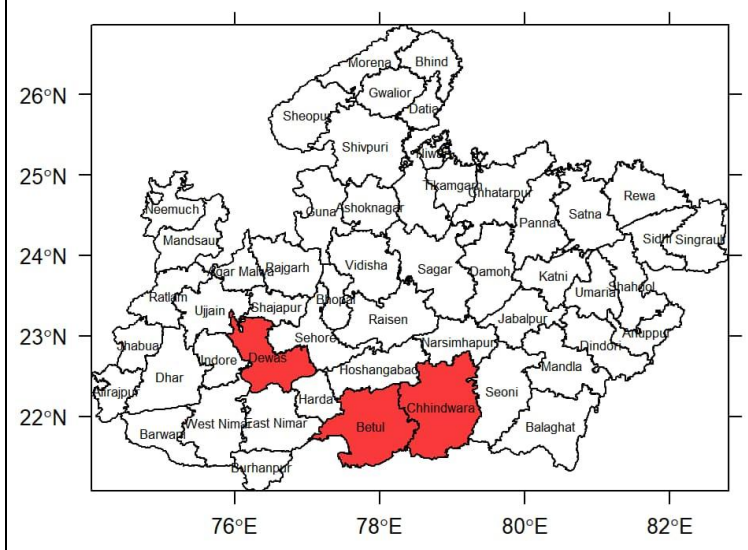
II. District-wise mapping of very high–risk areas for different diseases in Madhya Pradesh for the month of June 2026



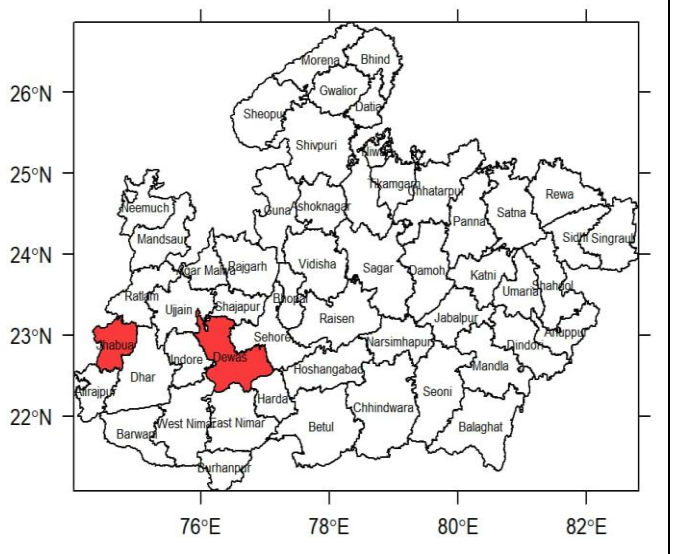
Predicted risk for Anthrax



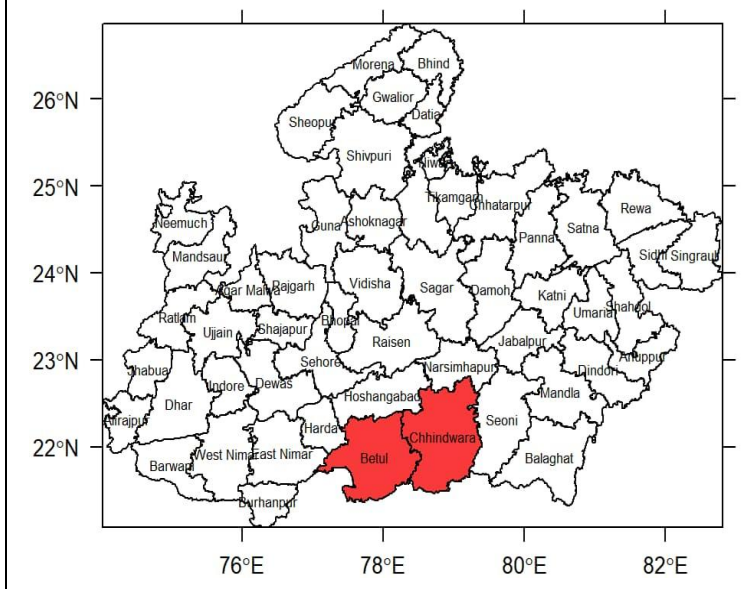
Predicted risk for Babesiosis, BQ, ET, Fasciolosis, and FMD



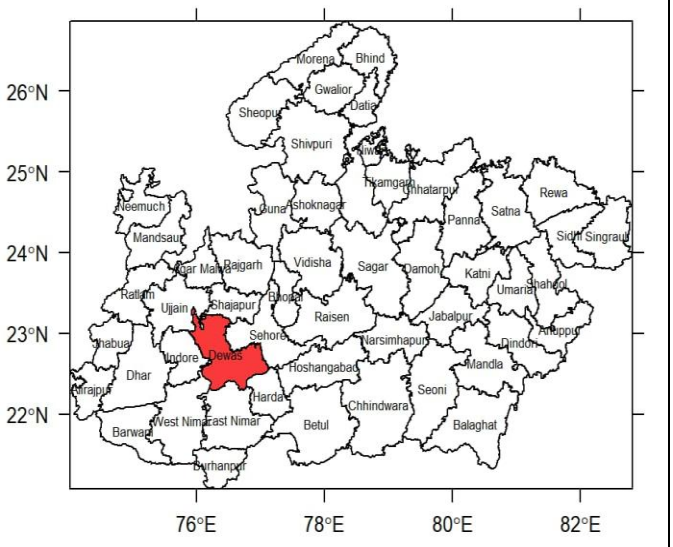
Predicted risk for CSF, PPR, and S&G pox



Predicted risk for LSD



Predicted risk for HS



Predicted risk for ASF, Theileriosis, and Trypanosomiasis

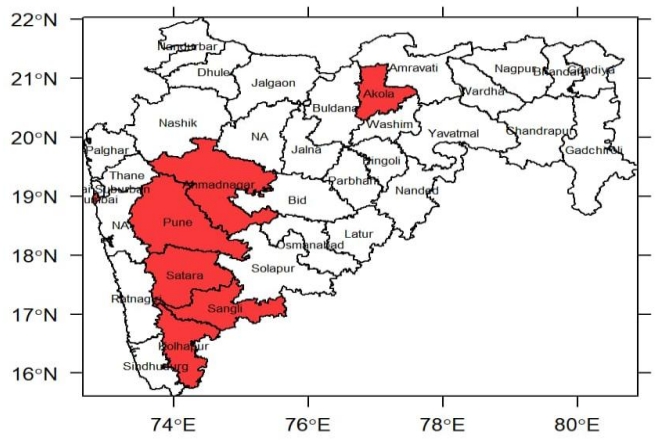
3.17. Maharashtra

The livestock disease forecast for **Maharashtra** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system indicates that **eleven** districts are at **very high risk** for ASF, **Anthrax, Babesiosis, BQ, CSF, ET, Fasciolosis, FMD, HS, LSD, PPR and S&G Pox, Theileriosis, and Trypanosomiasis** showing the highest predicted risks.

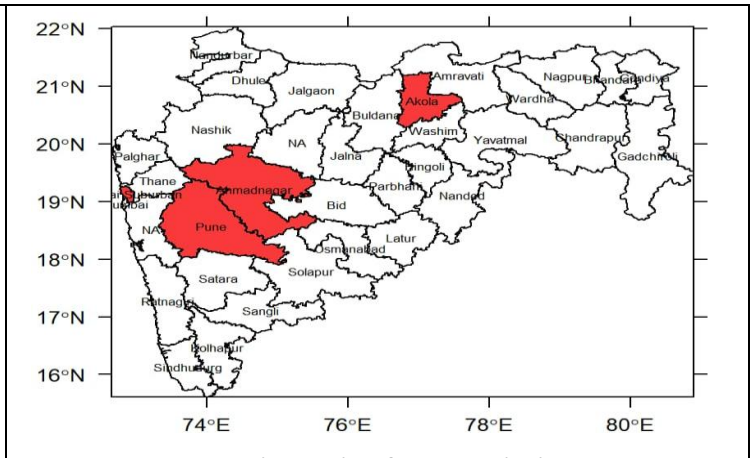
I. Livestock Diseases with Predicted Risk in Different Districts of Maharashtra for June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	Wardha
2.	Anthrax	Ahmadnagar, Akola, Pune
3.	Babesiosis	Ahmadnagar, Akola, Mumbai Suburban, Pune
4.	Black quarter	Ahmadnagar, Akola, Pune
5.	Classical Swine fever	Bid, Pune
6.	Enterotoxaemia	Ahmadnagar, Akola, Mumbai, Pune
7.	Fasciolosis	Ahmadnagar, Akola, Pune
8.	Foot and mouth disease	Ahmadnagar, Akola, Kolhapur, Mumbai, Pune, Sangli, Satara
9.	Haemorrhagic septicaemia	Bid
10.	Lumpy Skin Disease	Hingoli, Mumbai, Mumbai Suburban
11.	Peste des petits ruminants	Bid
12.	Sheep & Goat pox	Bid, Pune
13.	Theileriosis	Ahmadnagar, Akola, Mumbai Suburban
14.	Trypanosomiasis	Ahmadnagar, Akola

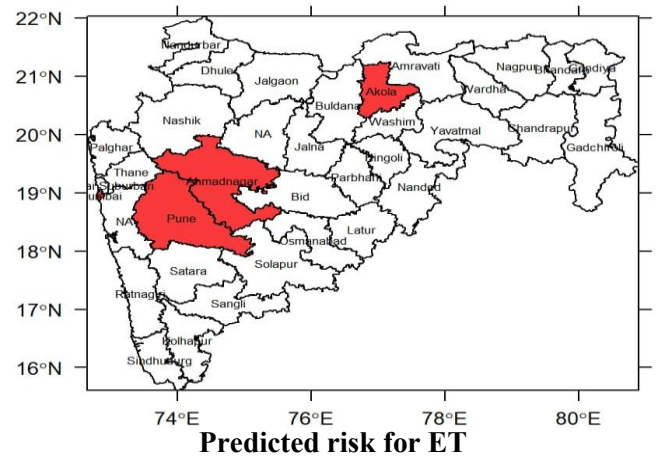
II. District-wise mapping of very high–risk areas for different diseases in Maharashtra for the month of June 2026



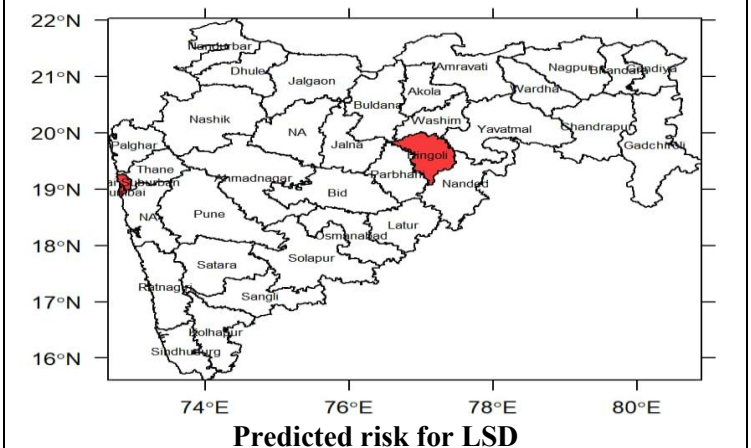
Predicted risk for FMD



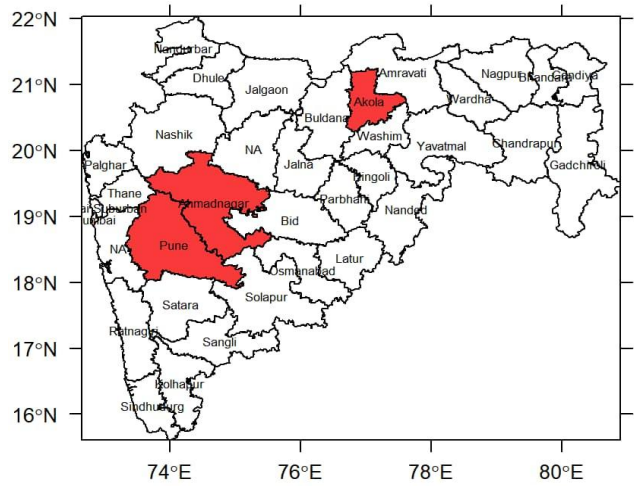
Predicted risk for Babesiosis



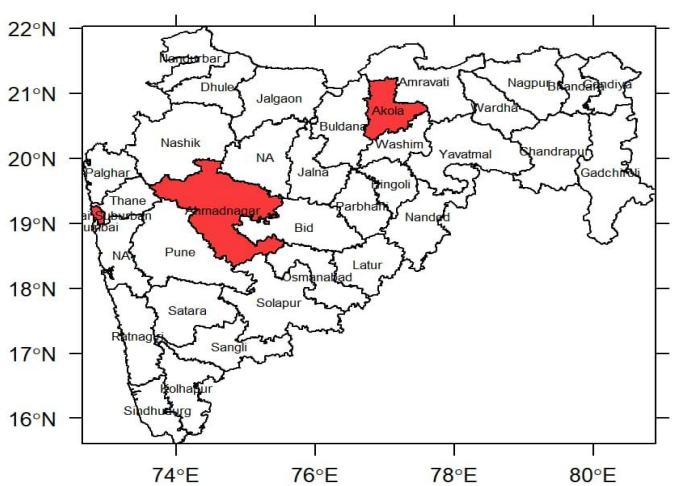
Predicted risk for ET



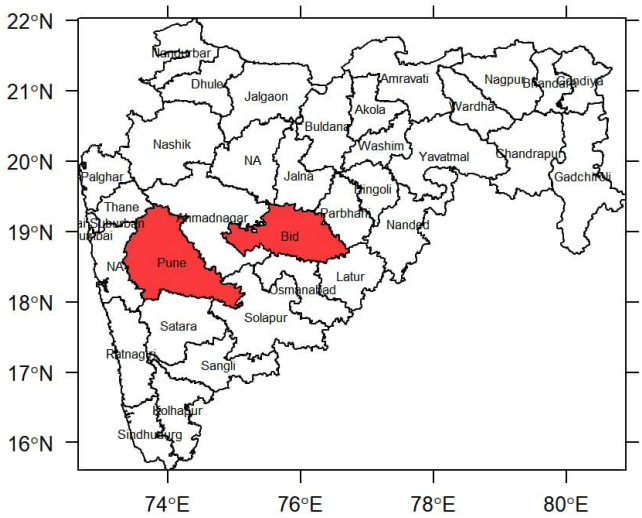
Predicted risk for LSD



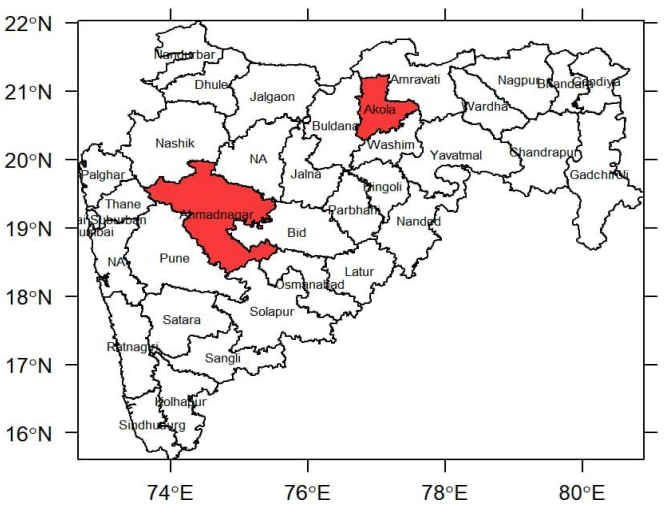
Predicted risk for Anthrax, BQ, Fasciolosis



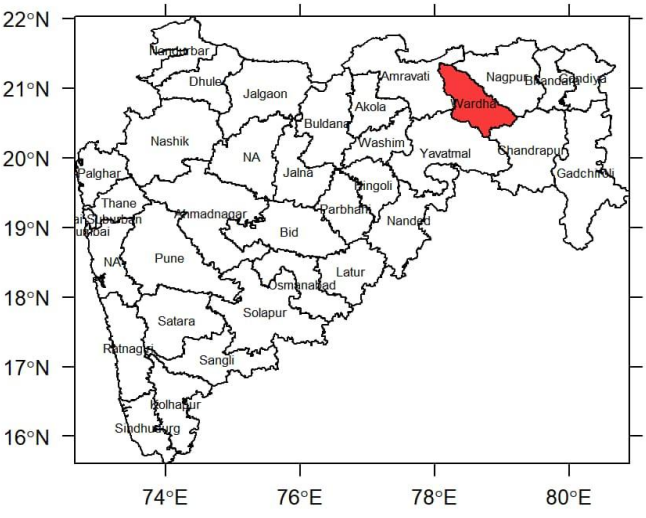
Predicted risk for Theileriosis



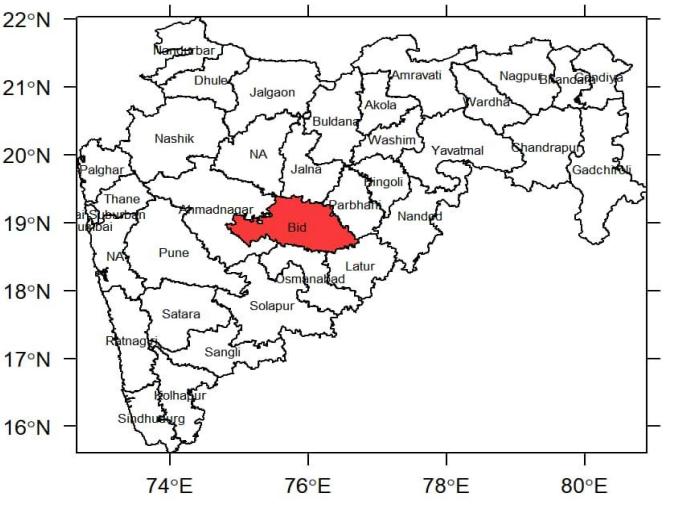
Predicted risk for CSF, S&G pox



Predicted risk for Trypanosomiasis



Predicted risk for ASF



Predicted risk for HS and PPR

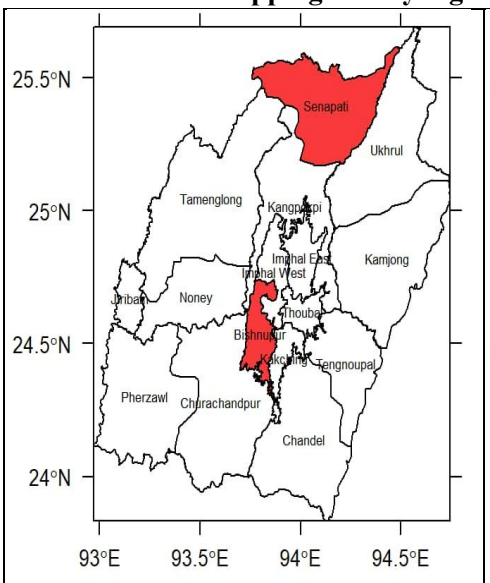
3.18. Manipur

The livestock disease forecast for **Manipur** for **June 2026**, generated using NADRES v2, an Artificial Intelligence- powered early warning system, indicates that **seven** districts are at **very high risk** for **ASF, Babesiosis, CSF, Fasciolosis, HS, and LSD** showing the highest predicted risks.

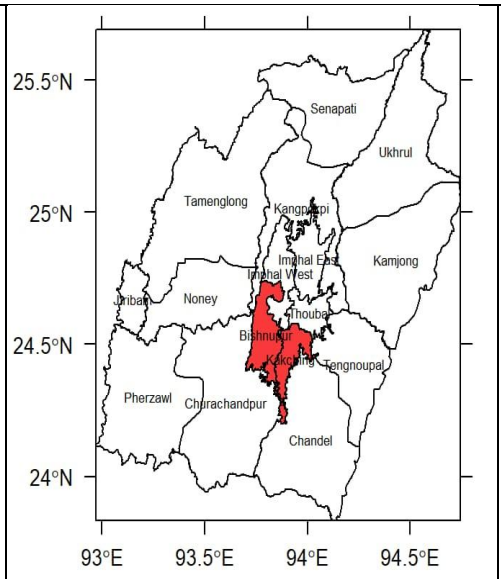
I. Livestock Diseases with Predicted Risk in Different Districts of Manipur for June 2026

Sl. No.	Disease Name	Names of Districts Predicted at Very-high level risk
1.	African Swine Fever	Bishnupur, Senapati
2.	Babesiosis	Thoubal
3.	Classical Swine fever	Bishnupur, Kakching
4.	Fasciolosis	Bishnupur, Imphal East
5.	Haemorrhagic septicaemia	Tamenglong
6.	Lumpy Skin Disease	Noney, Thoubal

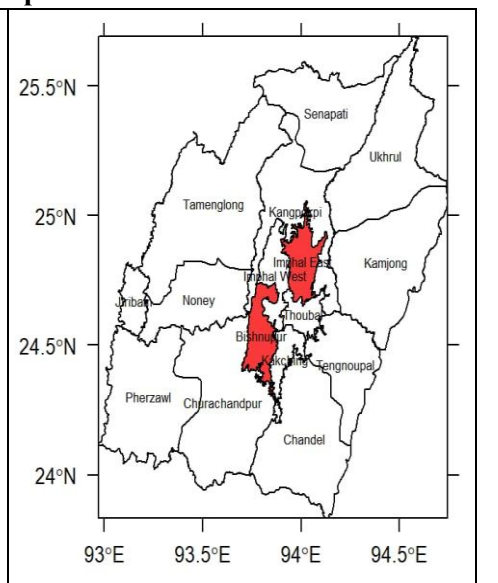
II. District-wise mapping of very high–risk areas for different diseases in Manipur for the month of June 2026



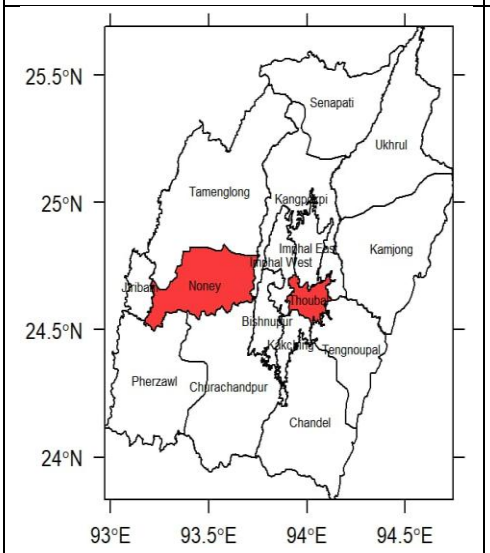
Predicted risk for ASF



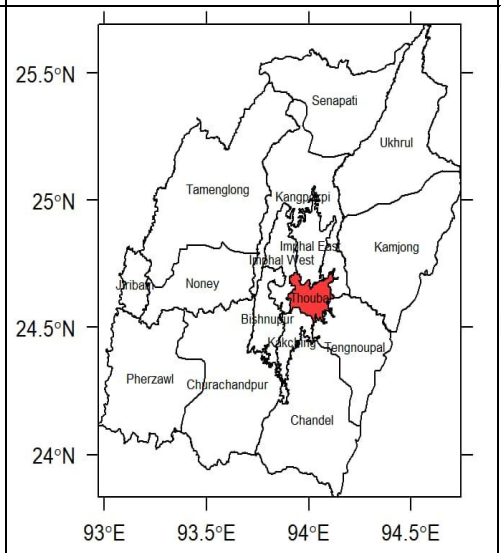
Predicted risk for CSF



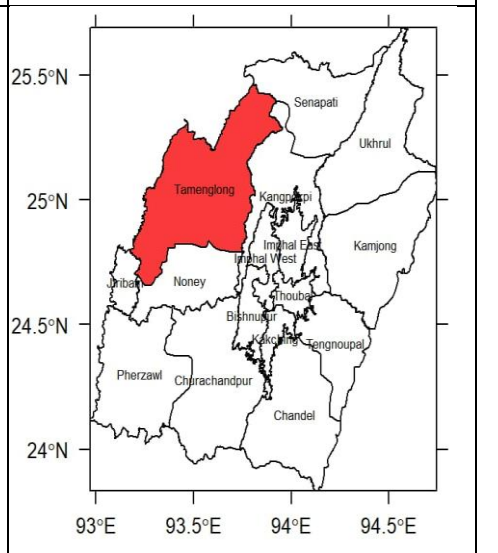
Predicted risk for Fasciolosis



Predicted risk for LSD



Predicted risk for Babesiosis



Predicted risk for HS

3.19. Meghalaya

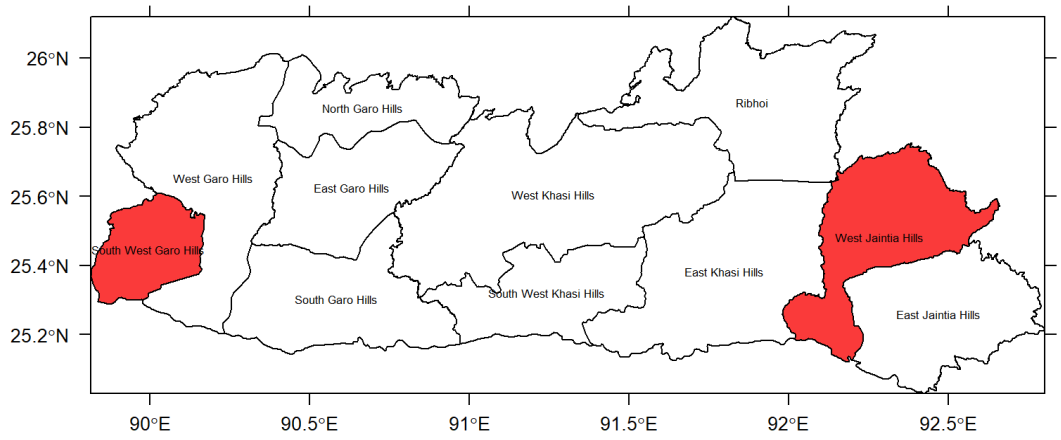
The livestock disease forecast for **Meghalaya** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **six** districts are at **very high-risk** for **ASF, Babesiosis, CSF, ET, LSD, PPR and Theileriosis** showing the highest predicted risks.

I. Livestock Diseases with Predicted Risk in Different Districts of Meghalaya for June 2026

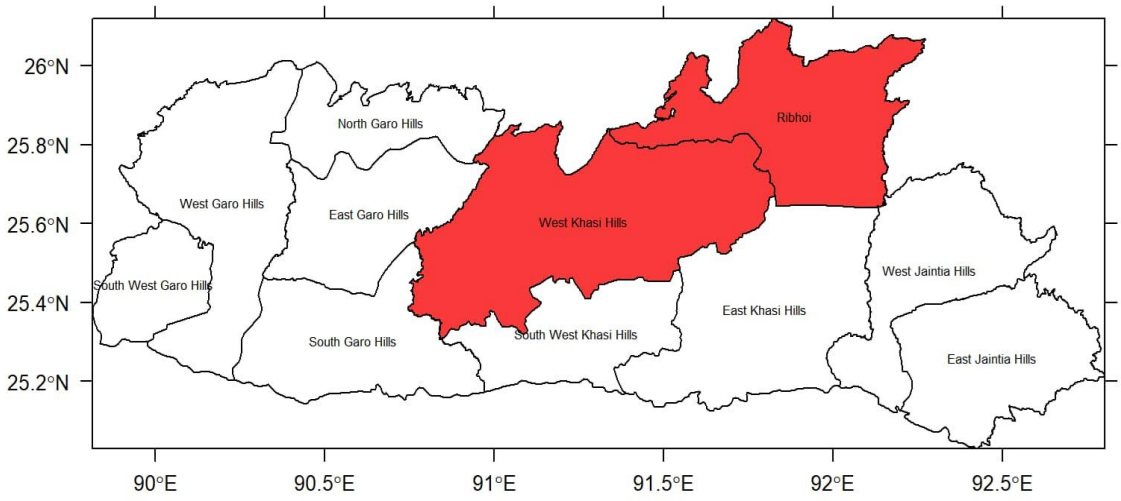
Sl. No.	Disease Name	Names of Districts Predicted at Very-high level risk
1.	African Swine Fever	North Garo Hills
2.	Babesiosis	South West Garo Hills, West Jaintia Hills
3.	Classical Swine fever	Ribhoi, West Khasi Hills
4.	Enterotoxaemia	West Garo Hills
5.	Lumpy Skin Disease	South West Garo Hills
6.	Peste des petits ruminants	West Khasi Hills
7.	Theileriosis	West Khasi Hills

II. District-wise mapping of very high–risk areas for different diseases in Meghalaya for the month of June 2026

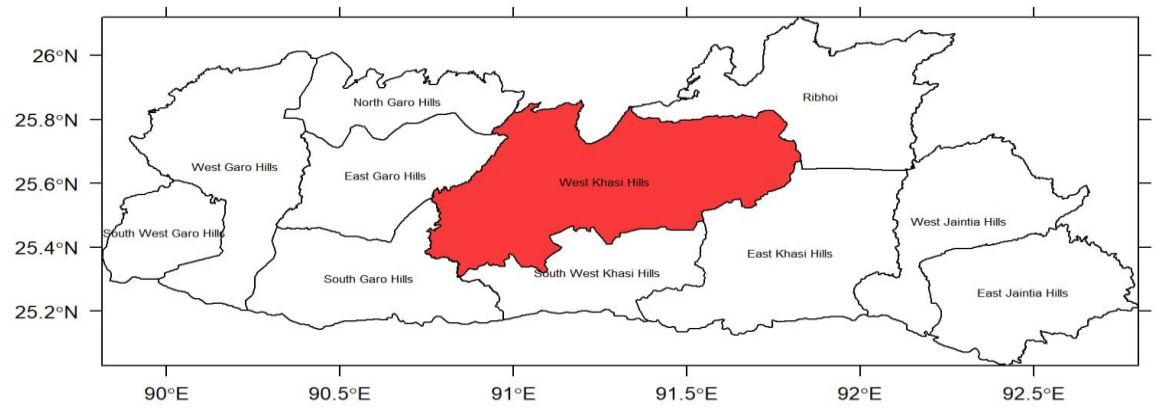
Predicted risk for CSF



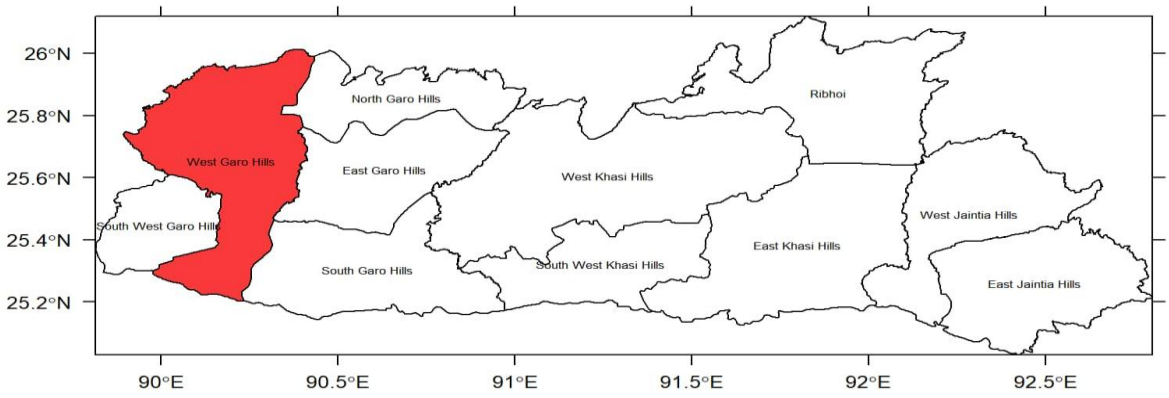
Predicted risk for Babesiosis



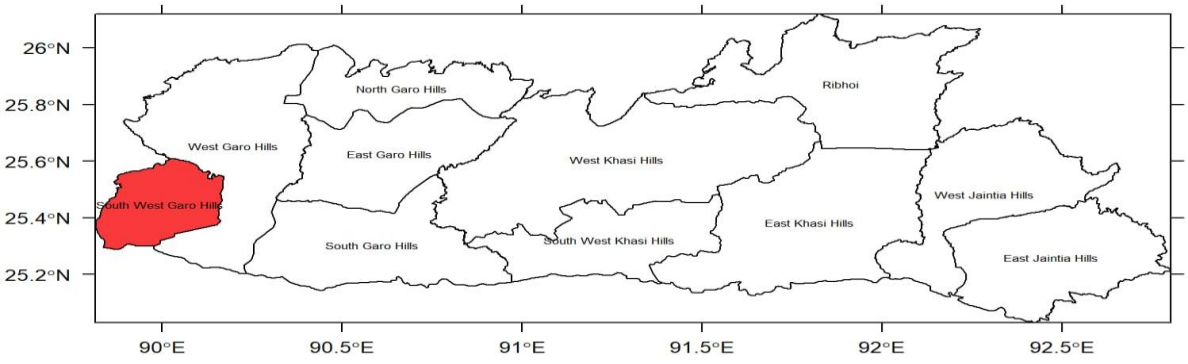
Predicted risk for CSF



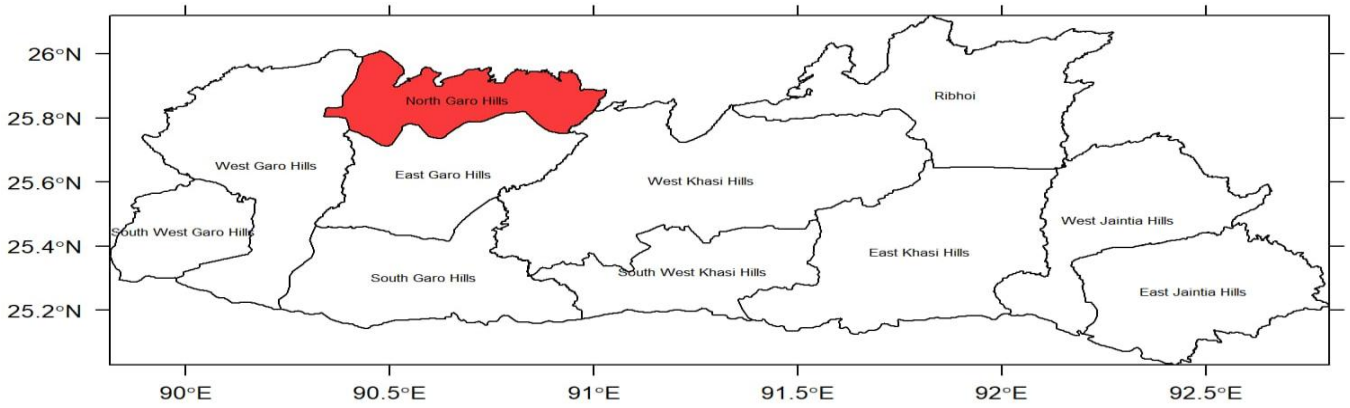
Predicted risk for PPR and Theileriosis



Predicted risk for ET



Predicted risk for LSD



Predicted risk for ASF

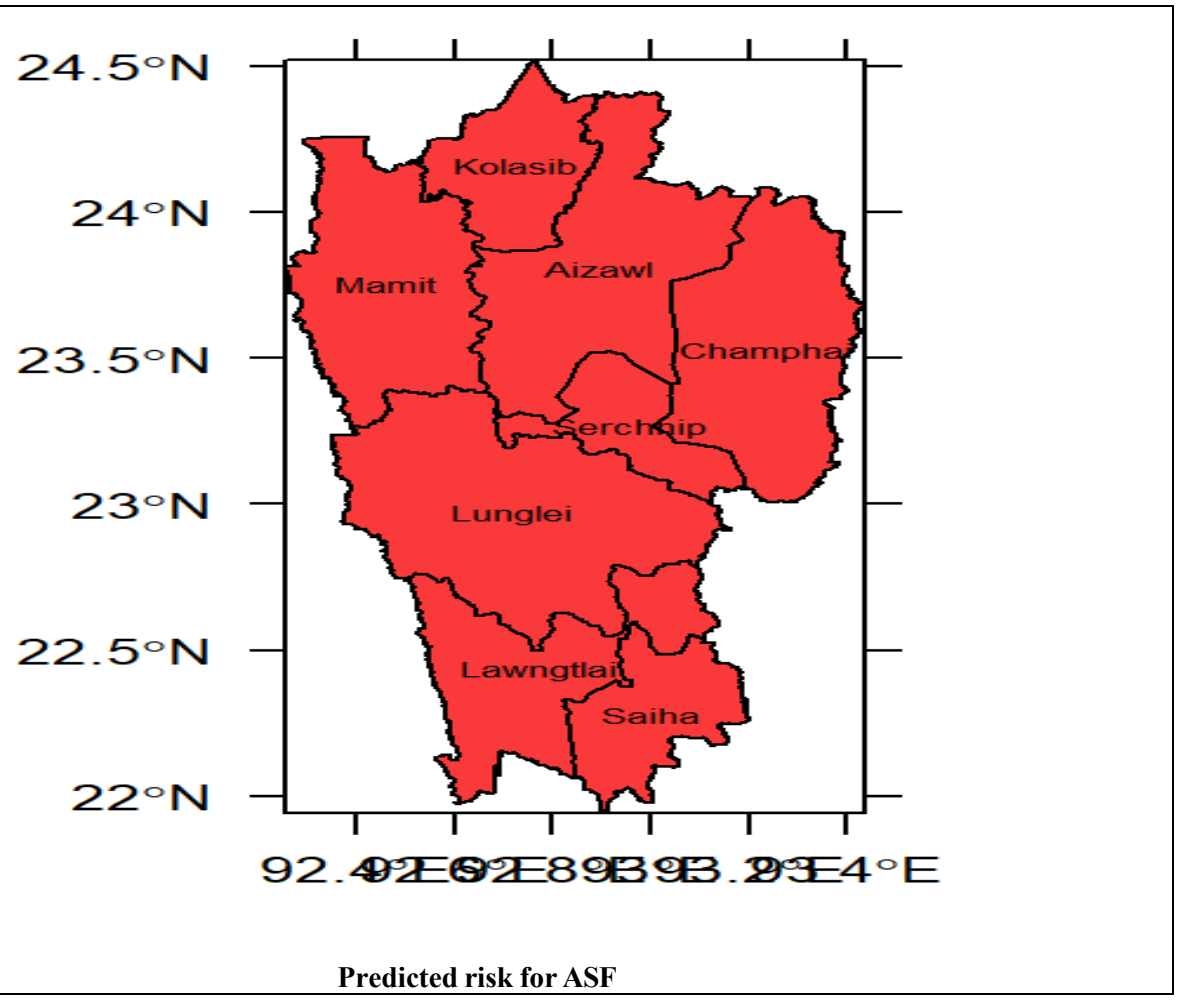
3.20. Mizoram

The livestock disease forecast for **Mizoram** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that all **eight** districts are at **very high-risk** for **ASF, CSF, Fasciolosis, LSD and S&G Pox** showing the highest predicted risks.

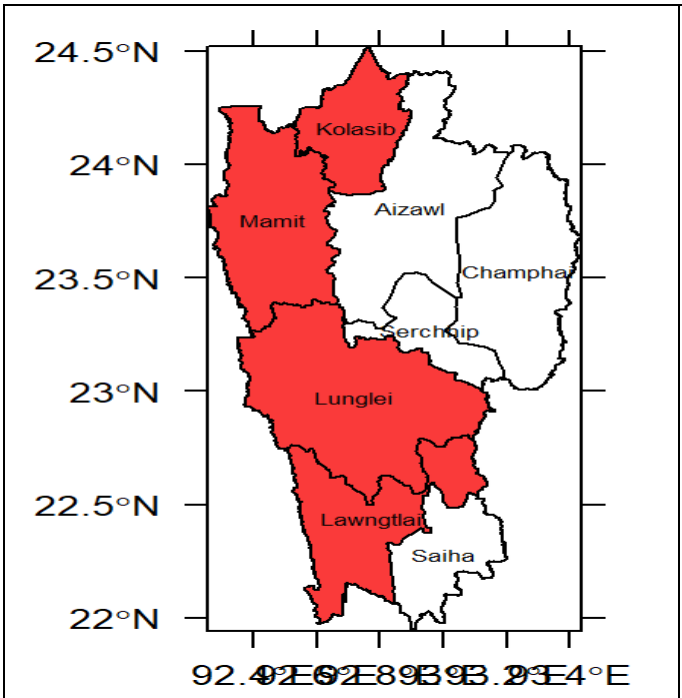
I. Livestock Diseases with Predicted Risk in Different Districts of Mizoram for June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	All Districts
2.	Classical Swine fever	Champhai
3.	Fasciolosis	Kolasib, Lawngtlai, Lunglei, Mamit
4.	Lumpy Skin Disease	Kolasib, Mamit
5.	Sheep & Goat pox	Lunglei

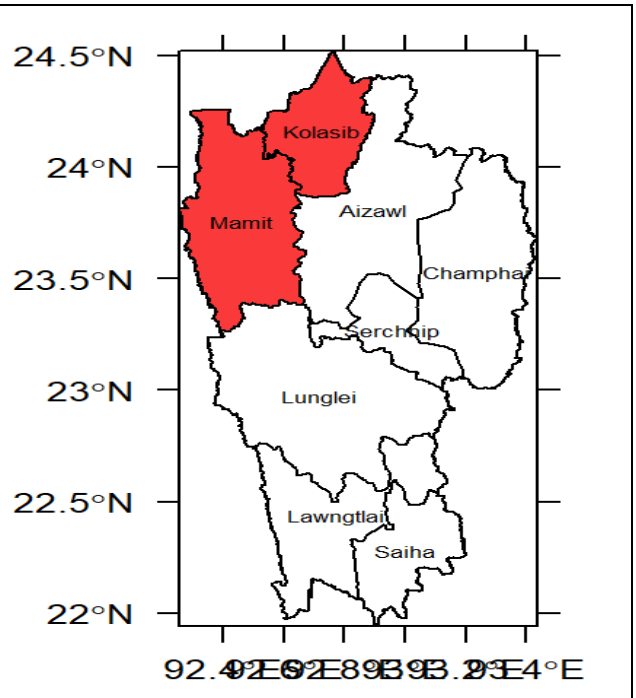
II. District-wise mapping of very high–risk areas for different diseases in Mizoram for the month of June 2026



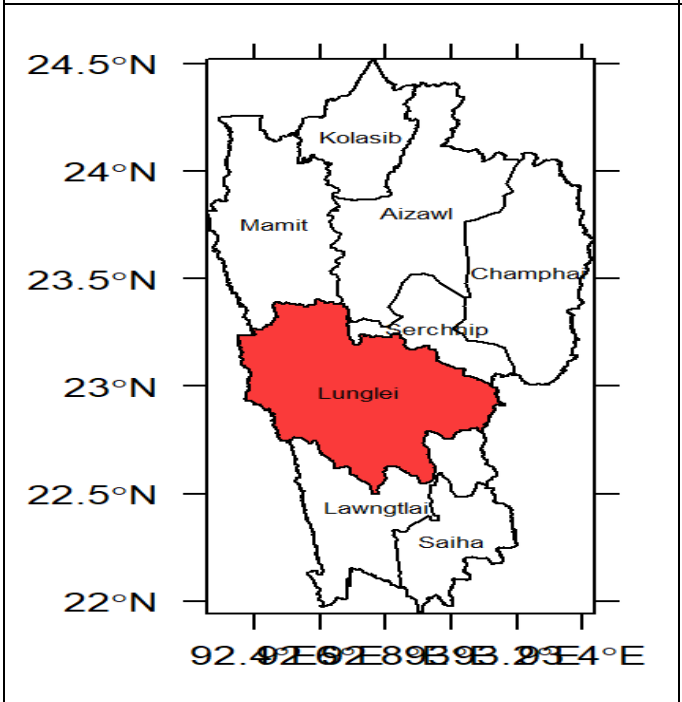
Predicted risk for ASF



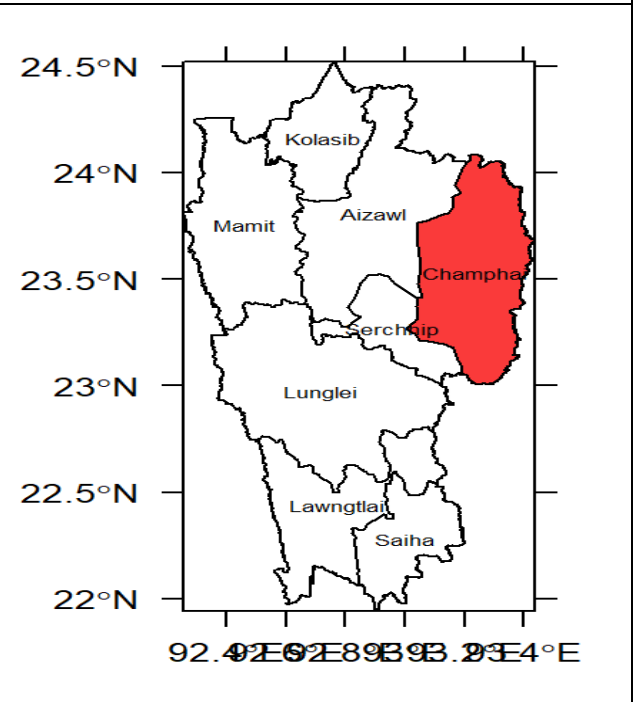
Predict Predicted risk for Fasciolosis



Predicted risk for LSD



Predicted risk for S&G pox



Predicted risk for CSF

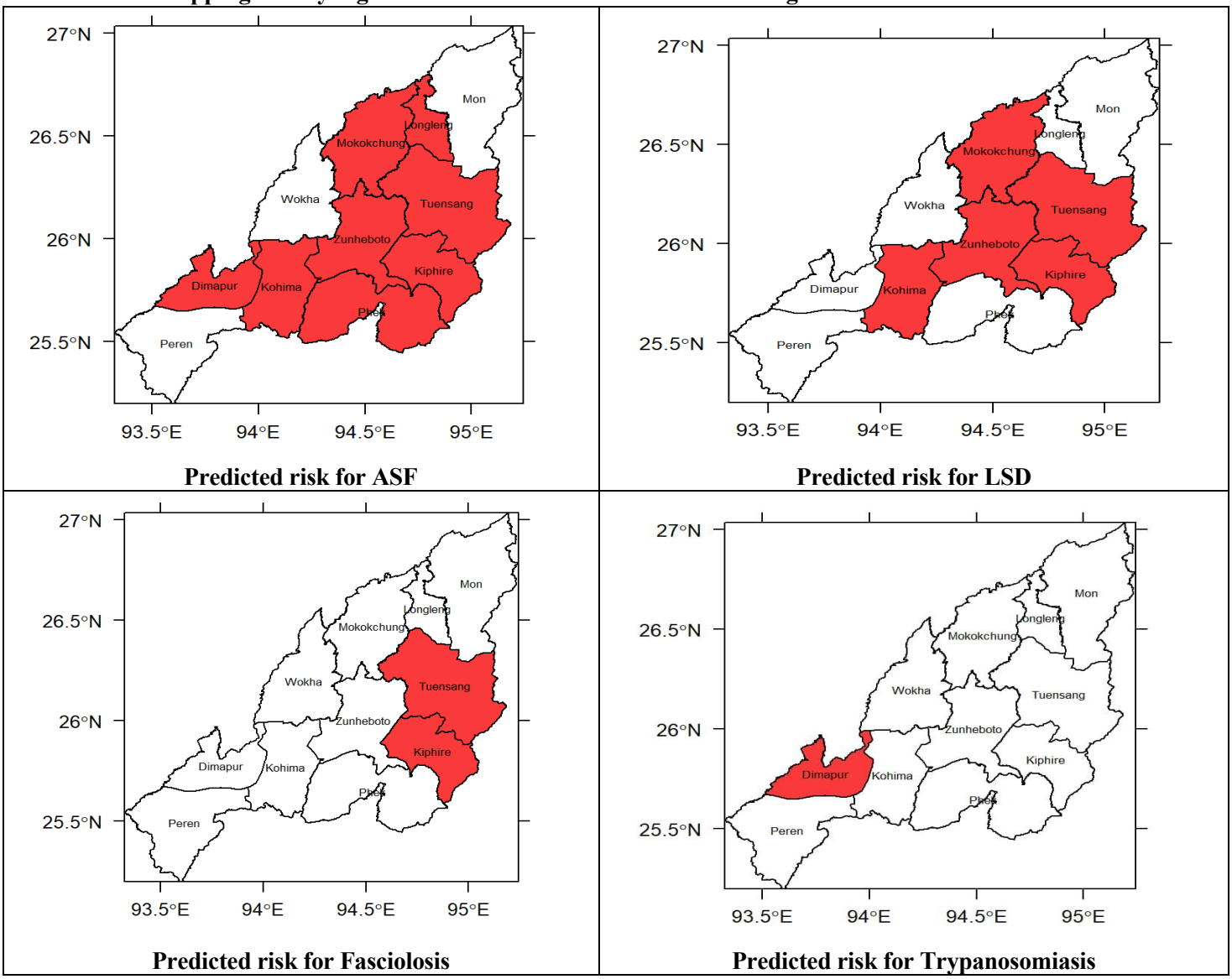
3.21. Nagaland

The livestock disease forecast for **Nagaland** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **eight** districts are at **very high risk for ASF, Fasciolosis, LSD, and Trypanosomiasis** showing the highest predicted risks.

I. Livestock Diseases with Predicted Risk in Different Districts of Odisha for June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	Dimapur, Kiphire, Kohima, Longleng, Mokokchung, Phek, Tuensang, Zunheboto
2.	Fasciolosis	Kiphire, Tuensang
3.	Lumpy Skin Disease	Kiphire, Kohima, Mokokchung, Tuensang, Zunheboto
4.	Trypanosomiasis	Dimapur

II. District-wise mapping of very high–risk areas for different diseases in Nagaland for the month of June 2026



Predicted risk for ASF | **Predicted risk for LSD**

Predicted risk for Fasciolosis | **Predicted risk for Trypanosomiasis**

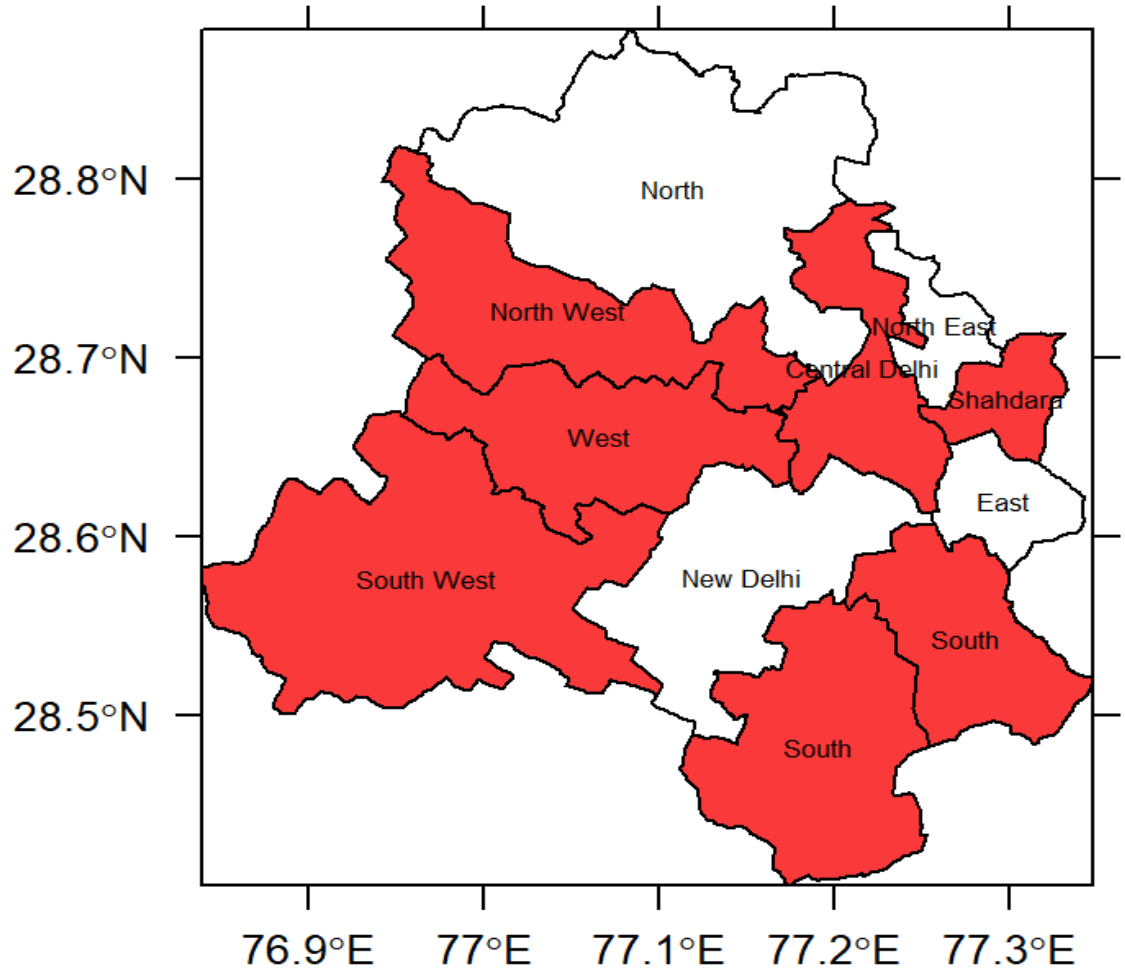
3.22. New Delhi

The livestock disease forecast for **New Delhi** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **six** districts are at **very high risk for Anthrax** showing the highest predicted risks.

I. Livestock Diseases with Predicted Risk in Different Districts of New Delhi for June 2026

Sl. No.	Disease Name	Names of Districts
1.	Anthrax	Central Delhi, North West, Shahdara, South, South West, West

II. District-wise mapping of very high–risk areas of disease in New Delhi for the month of June 2026



Predicted risk for Anthrax

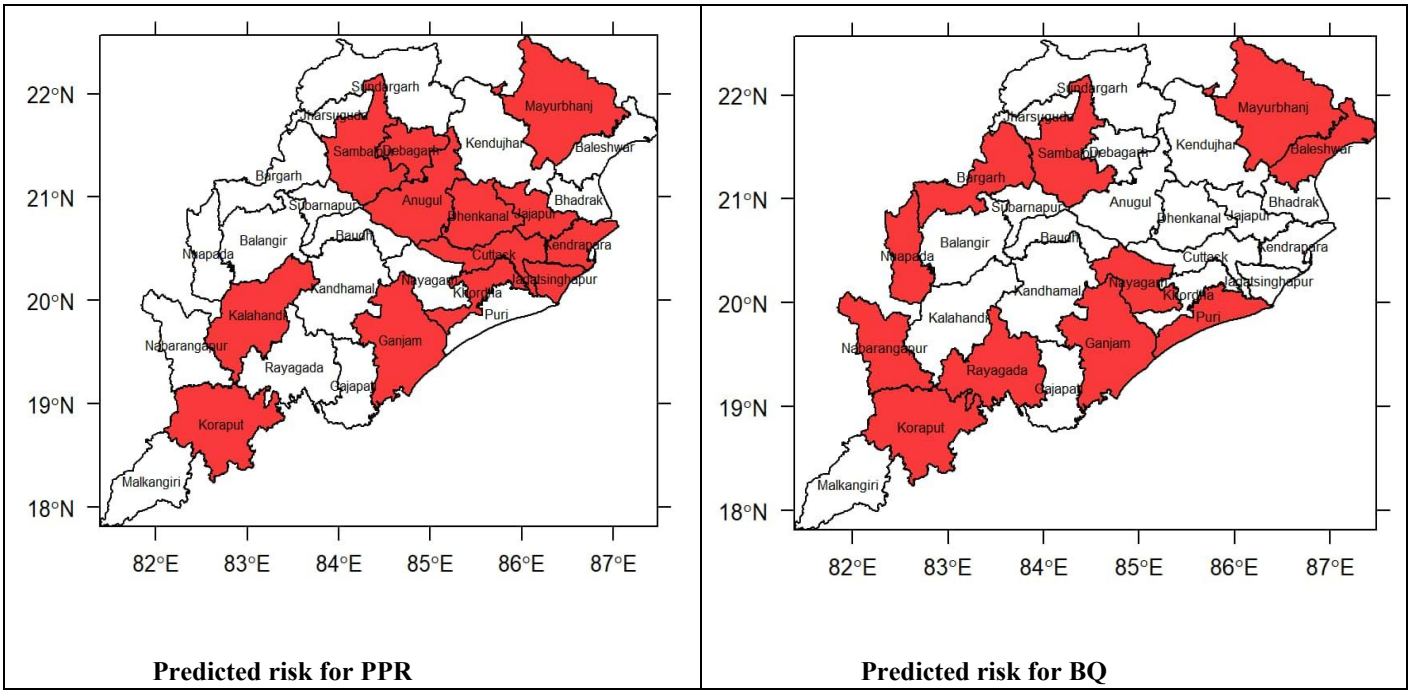
3.23. Odisha

The livestock disease forecast for **Odisha** for **June 2026**, generated using NADRES v2, an Artificial Intelligence- powered early warning system, indicates that **twenty-five** districts are at **very high risk for ASF, Anthrax, Babesiosis, BQ, CSF, ET, Fasciolosis, FMD, HS, LSD, PPR, S&G Pox, Theileriosis and Trypanosomiasis** showing the highest predicted risks.

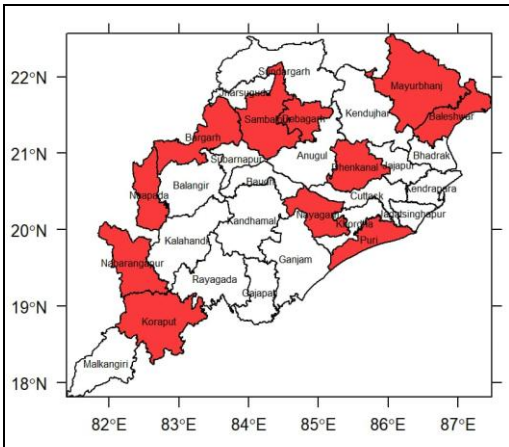
I. Livestock Diseases with Predicted Risk in Different Districts of Odisha for June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	Debagarh, Jagatsinghapur, Malkangiri
2.	Anthrax	Baleshwar, Bargarh, Kandhamal, Koraput, Mayurbhanj, Nabarangapur, Nayagarh, Nuapada, Puri, Sambalpur
3.	Babesiosis	Baleshwar, Bargarh, Kandhamal, Koraput, Mayurbhanj, Nabarangapur, Nayagarh, Nuapada, Puri, Sambalpur
4.	Black quarter	Baleshwar, Bargarh, Ganjam, Koraput, Mayurbhanj, Nabarangapur, Nayagarh, Nuapada, Puri, Rayagada, Sambalpur
5.	Classical Swine fever	Ganjam, Malkangiri
6.	Enterotoxaemia	Baleshwar, Bargarh, Koraput, Mayurbhanj, Nabarangapur, Nayagarh, Nuapada, Puri, Sambalpur
7.	Fasciolosis	Baleshwar, Bargarh, Debagarh, Dhenkanal, Koraput, Mayurbhanj, Nabarangapur, Nayagarh, Nuapada, Puri, Sambalpur
8.	Foot and mouth disease	Baleshwar, Bargarh, Kendrapara, Koraput, Mayurbhanj, Nabarangapur, Nayagarh, Nuapada, Puri, Sambalpur
9.	Haemorrhagic septicaemia	Ganjam
10.	Lumpy Skin Disease	Debagarh, Malkangiri
11.	Peste des petits ruminants	Anugul, Cuttack, Debagarh, Dhenkanal, Ganjam, Jagatsinghapur, Jajapur, Kalahandi, Kendrapara, Khordha, Koraput, Mayurbhanj, Sambalpur
12.	Sheep & Goat pox	Baudh, Malkangiri, Subarnapur
13.	Theileriosis	Debagarh, Jharsuguda, Malkangiri
14.	Trypanosomiasis	Debagarh, Jagatsinghapur, Malkangiri

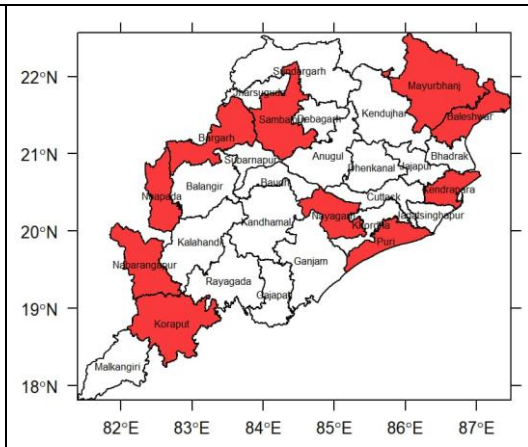
II. District-wise mapping of very high–risk areas for different diseases in Odisha for the month of June 2026



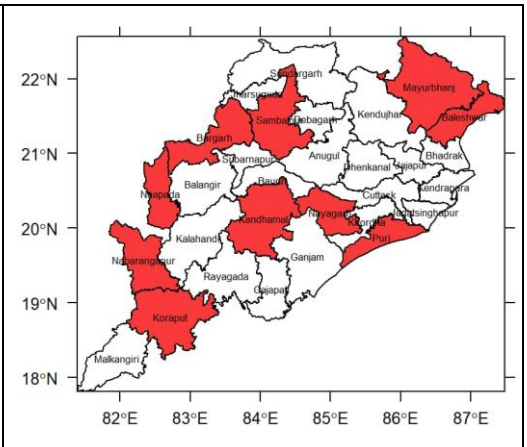
Predicted risk for PPR | **Predicted risk for BQ**



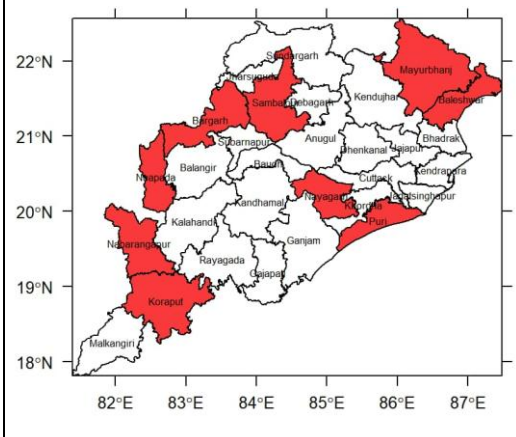
Predicted risk for Fasciolosis



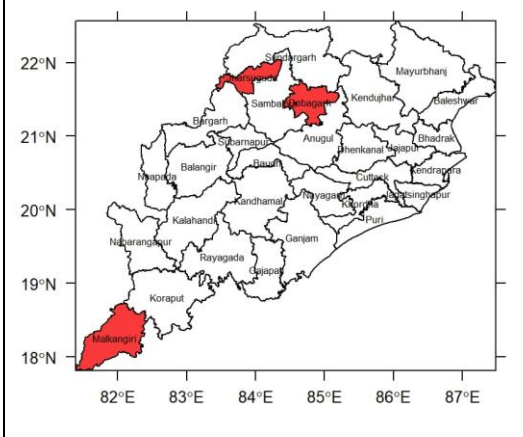
Predicted risk for FMD



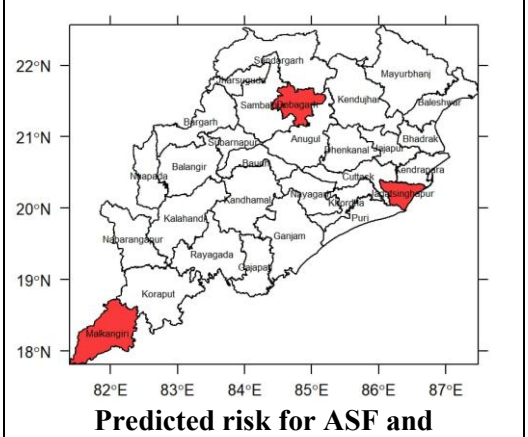
Predicted risk for Anthrax, Babesiosis



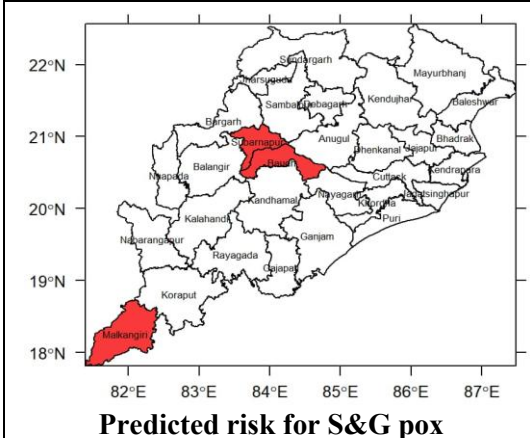
Predicted risk for ET



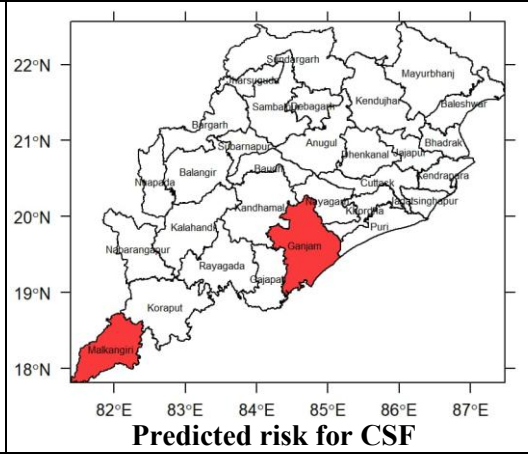
Predicted risk for Theileriosis



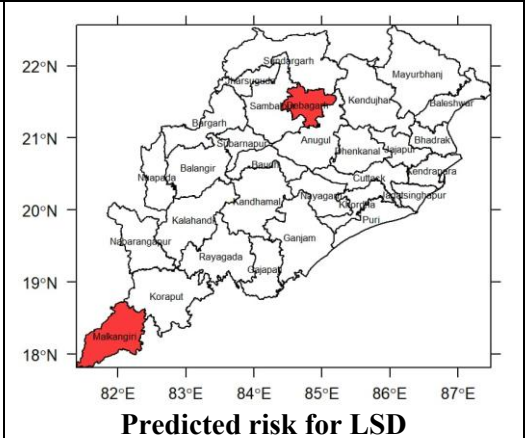
Predicted risk for ASF and Trypanosomiasis



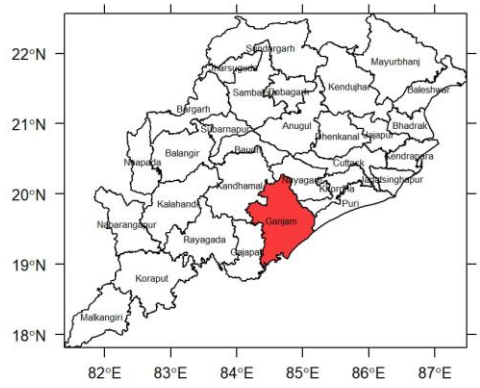
Predicted risk for S&G pox



Predicted risk for CSF



Predicted risk for LSD



Predicted risk for HS

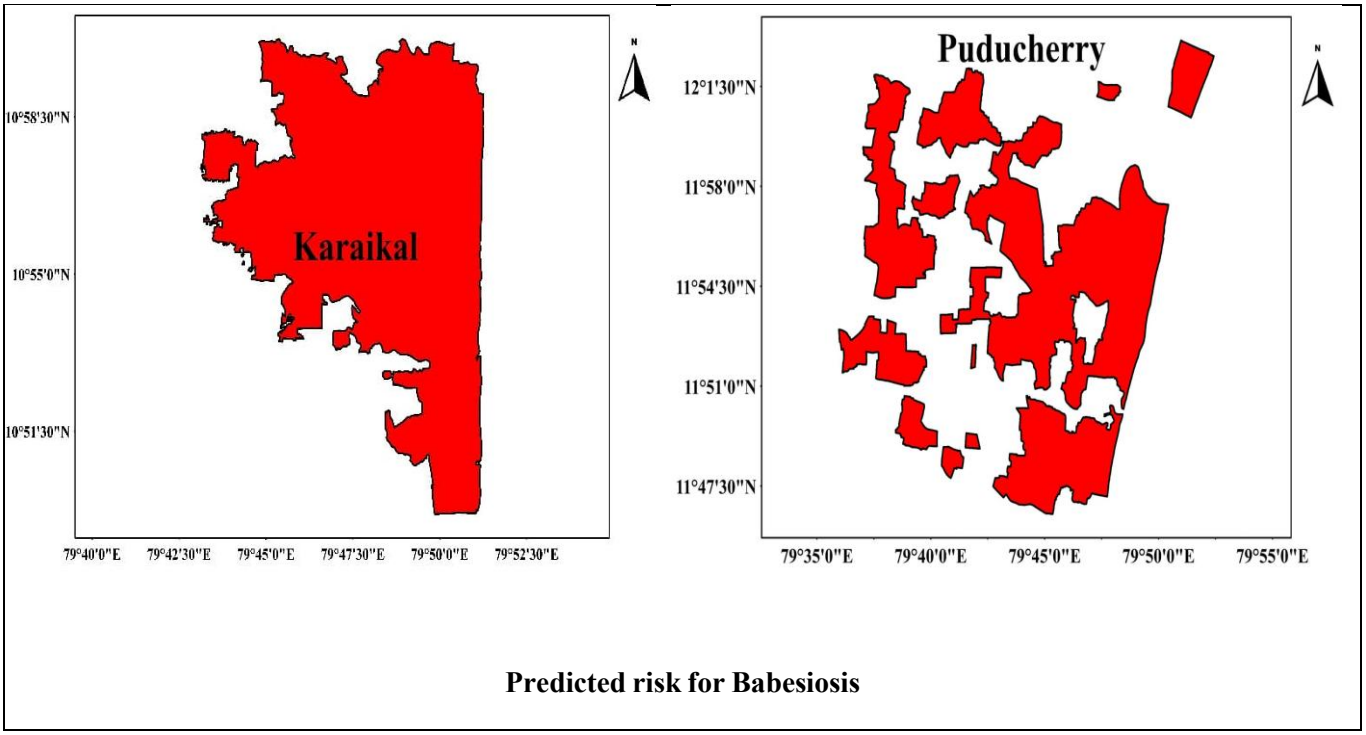
3.24. Puducherry

The livestock disease forecast for **Puducherry** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **four** districts are at **very high risk** for **Anthrax, Babesiosis, BQ, CSF, ET, Fasciolosis, HS, PPR, S&G Pox, Theileriosis and Trypanosomiasis** showing the highest predicted risks.

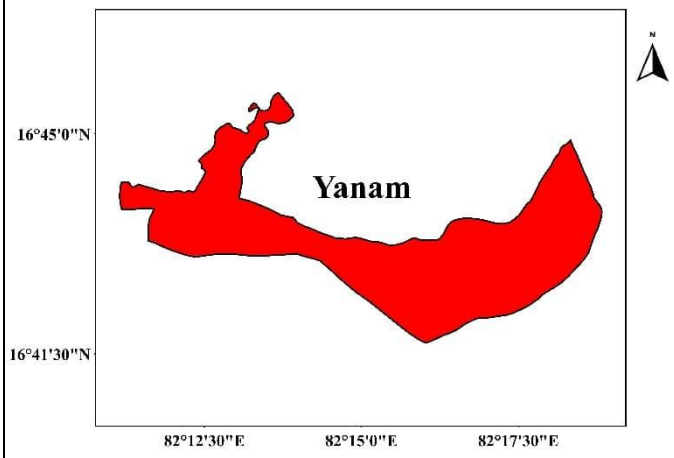
I. Livestock Diseases with Predicted Risk in Different Districts of Puducherry for June 2026

Sl. No.	Disease Name	Names of Districts
1.	Anthrax	Karaikal
2.	Babesiosis	Karaikal, Puducherry
3.	Black quarter	Mahe
4.	Classical Swine fever	Puducherry
5.	Enterotoxaemia	Yanam
6.	Fasciolosis	Yanam
7.	Haemorrhagic septicaemia	Puducherry
8.	Peste des petits ruminants	Puducherry
9.	Sheep & Goat pox	Puducherry
10.	Theileriosis	Puducherry
11.	Trypanosomiasis	Puducherry

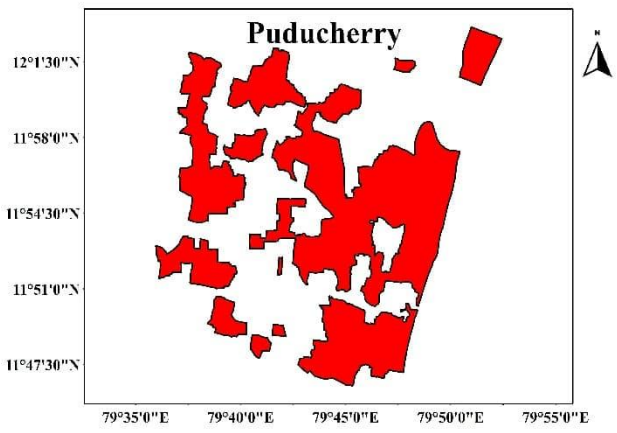
II. District-wise mapping of very high-risk areas for different diseases in Puducherry for the month of June 2026



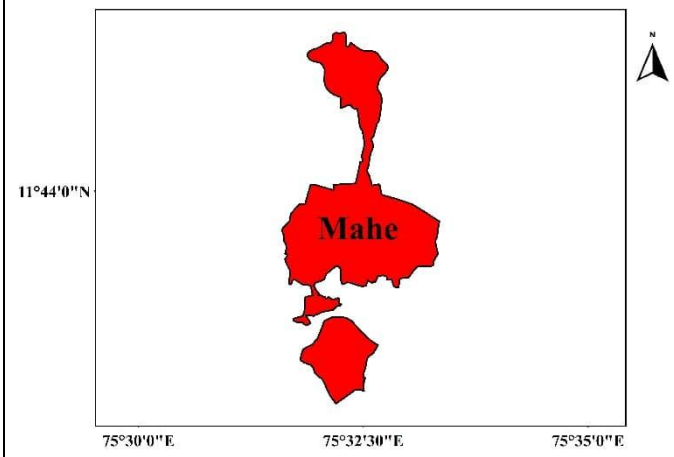
Predicted risk for Babesiosis



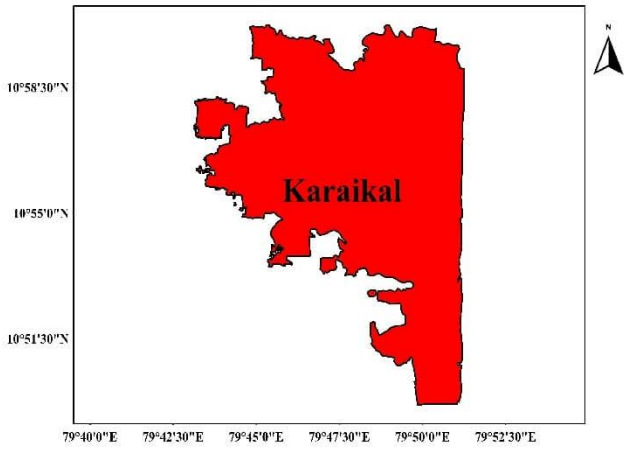
Predicted risk for ET, and Fasciolosis



Predicted risk for CSF, HS, PPR, S&G pox, Theileriosis, and Trypanosomiasis



Predicted risk for BQ



Predicted risk of Anthrax

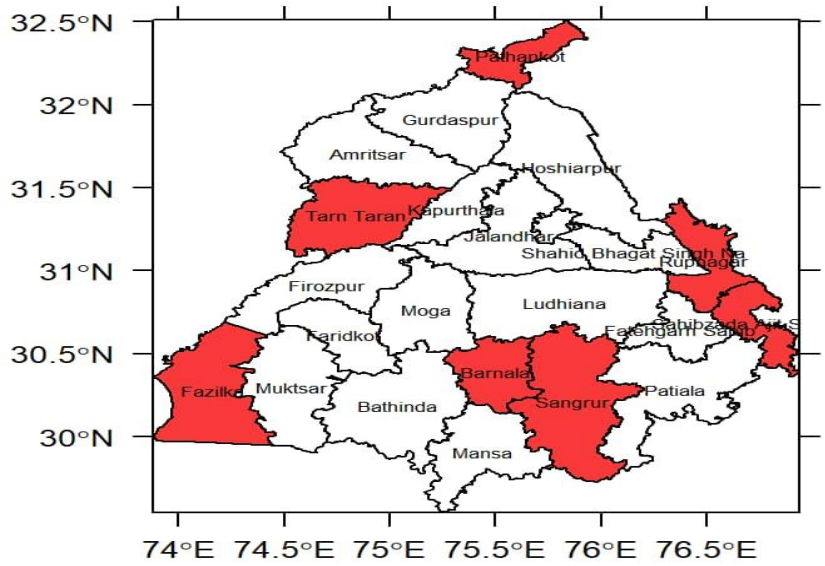
3.25. Punjab

The livestock disease forecast for **Punjab** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **seven** districts are at very high risk for **Anthrax, ET, Fasciolosis, and PPR,** showing the highest predicted risks.

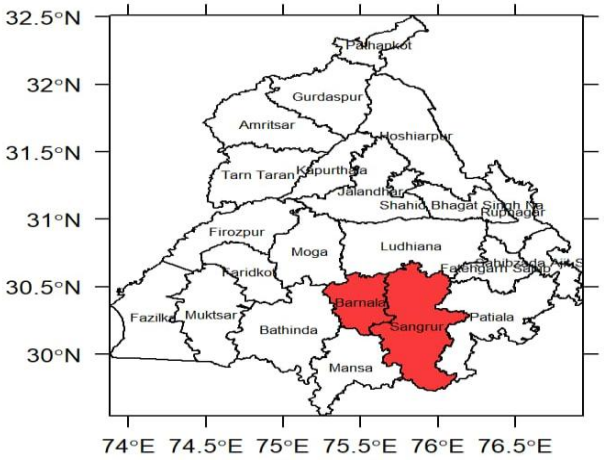
I. Livestock Diseases with Predicted Risk in Different Districts of Punjab for June 2026

Sl. No.	Disease Name	Names of Districts
1.	Anthrax	Barnala, Fazilka, Pathankot, Rupnagar, Sahibzada Ajit Singh N, Sangrur, Tarn Taran
2.	Enterotoxaemia	Fazilka
3.	Fasciolosis	Fazilka
4.	Peste des petits ruminants	Barnala, Sangrur

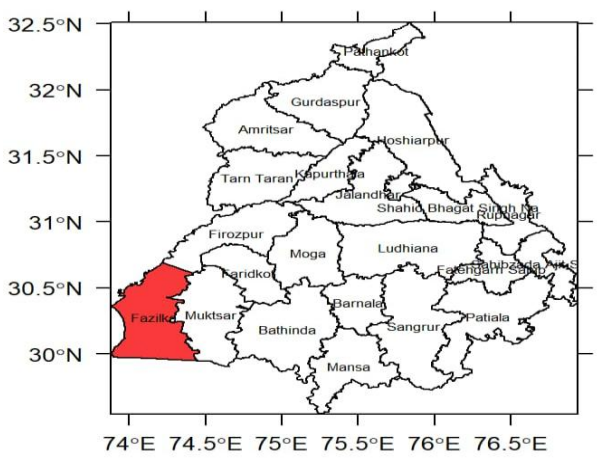
II. District-wise mapping of very high–risk areas for different diseases in Punjab for the month of June 2026



Predicted risk for Anthrax



Predicted risk for PPR



Predicted risk for ET, and Fasciolosis

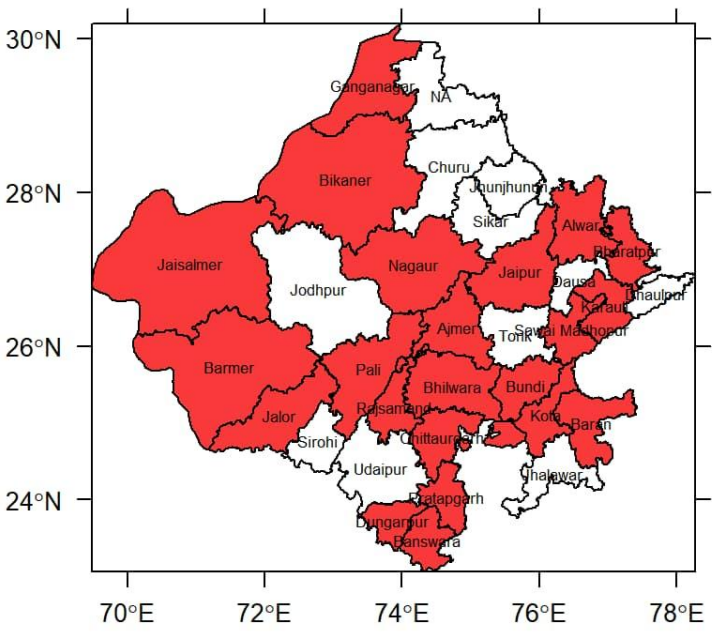
3.26. Rajasthan

The livestock disease forecast for **Rajasthan** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **nineteen** districts are at very high risk for **ASF, Anthrax, Babesiosis, BQ, CSF, ET, Fasciolosis, FMD, HS, LSD, PPR, S&G Pox, Theileriosis and Trypanosomiasis** showing the highest predicted risks.

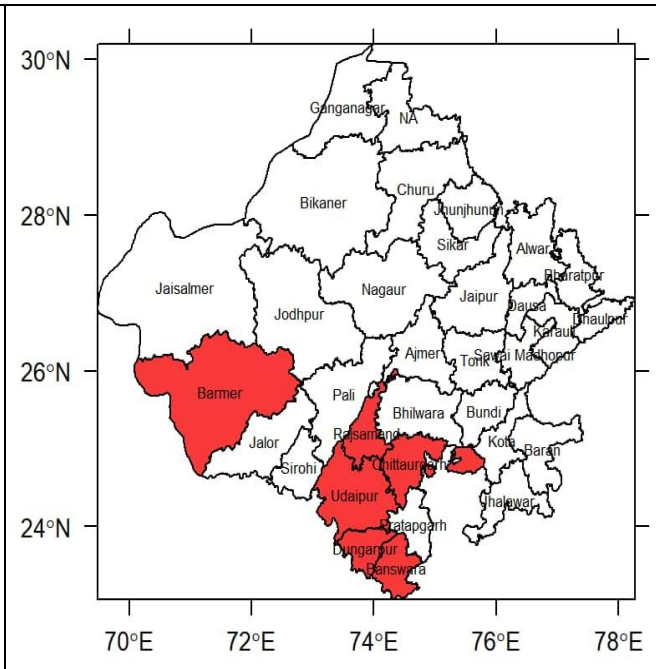
I. Livestock Diseases with Predicted Risk in Different Districts of Rajasthan for June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	Churu, Hanumangarh, Jaipur
2.	Anthrax	Ajmer, Alwar, Banswara, Baran, Barmer, Bharatpur, Bhilwara, Bikaner, Bundi, Chittaurgarh, Dungarpur, Ganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalor, Karauli, Kota, Nagaur, Pali, Pratapgarh, Rajsamand, Sawai Madhopur
3.	Babesiosis	Banswara, Barmer, Chittaurgarh, Dungarpur, Rajsamand, Udaipur
4.	Black quarter	Banswara, Barmer, Chittaurgarh, Dungarpur, Rajsamand, Udaipur
5.	Classical Swine fever	Churu, Hanumangarh, Jaipur
6.	Enterotoxaemia	Churu, Jaipur
7.	Fasciolosis	Churu, Jaipur
8.	Foot and mouth disease	Banswara, Churu, Jaipur, Udaipur
9.	Haemorrhagic septicaemia	Banswara, Churu, Jaipur, Udaipur
10.	Lumpy Skin Disease	Churu, Hanumangarh, Jaipur, Pali
11.	Peste des petits ruminants	Churu, Jaipur
12.	Sheep & Goat pox	Churu, Hanumangarh, Jaipur
13.	Theileriosis	Churu, Hanumangarh, Jaipur
14.	Trypanosomiasis	Churu, Hanumangarh, Jaipur

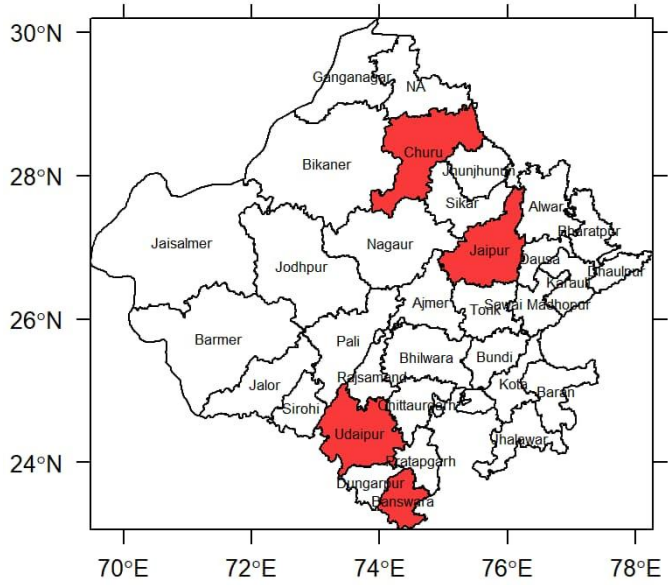
II. District-wise mapping of very high–risk areas for different diseases in Rajasthan for the month of June 2026



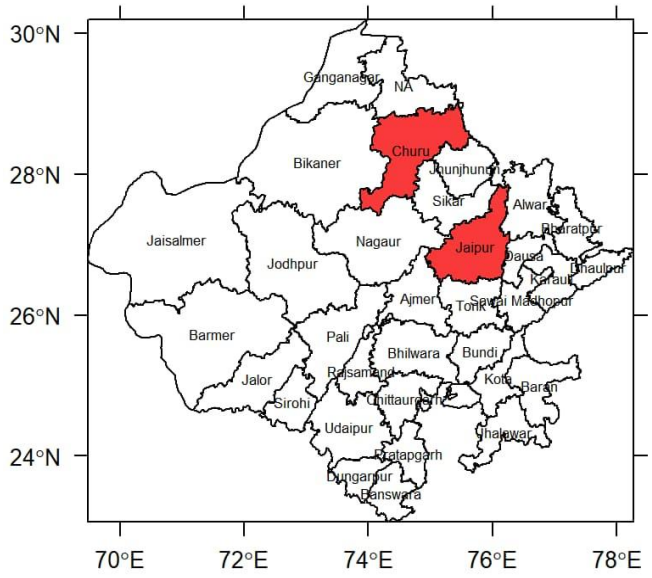
Predicted risk for Anthrax



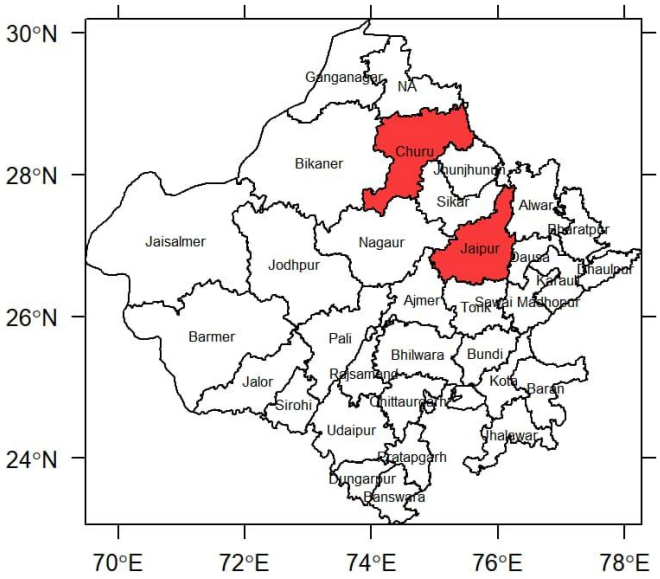
Predicted risk for Babesiosis, and BQ



Predicted risk for FMD, and HS



Predicted risk for ASF, CSF, S&G pox, Theileriosis, and Trypanosomiasis



Predicted risk for ET, Fasciolosis, and PPR

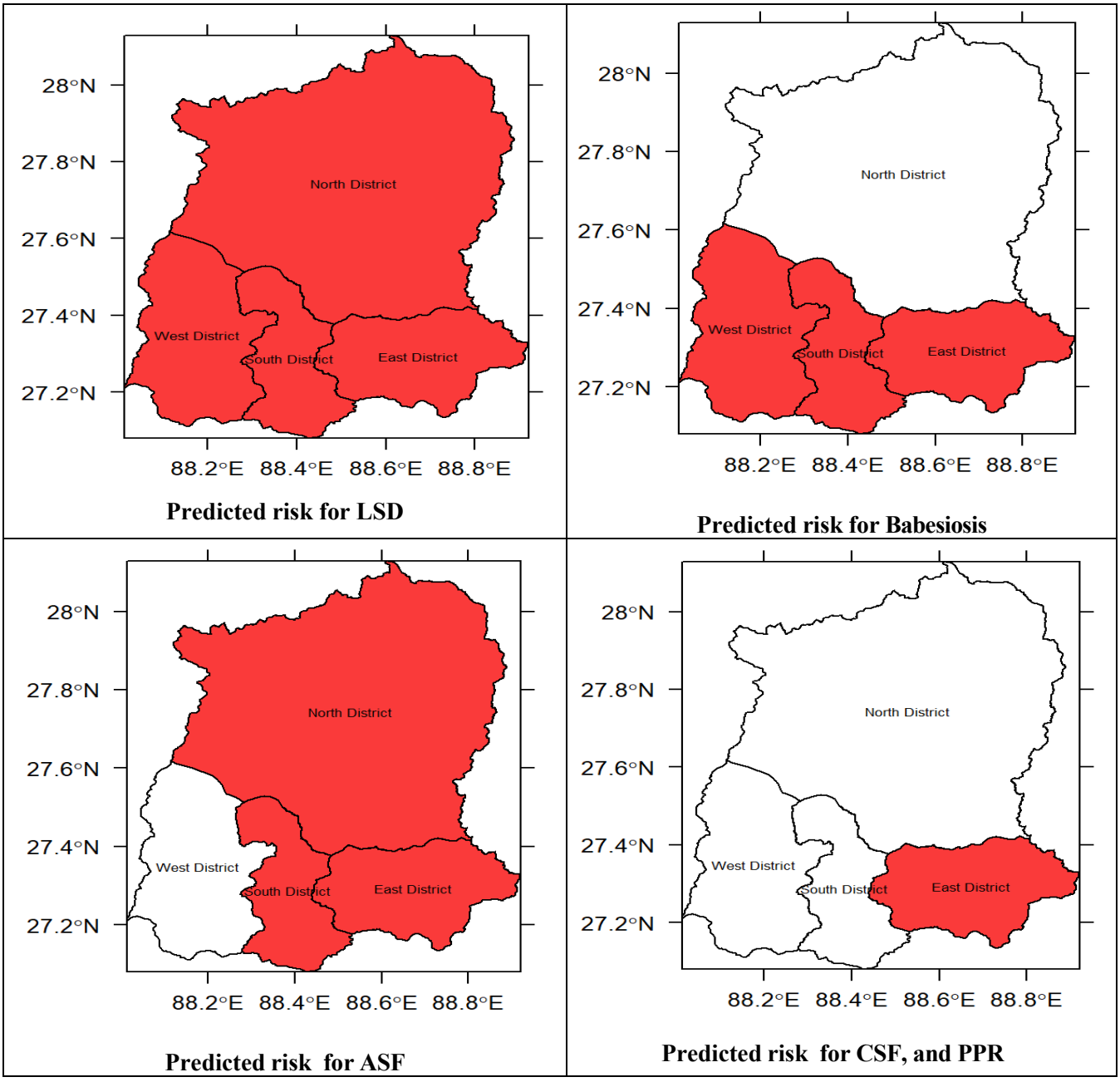
3.27. Sikkim

The livestock disease forecast for **Sikkim** for **June 2026**, generated using NADRES v2, an Artificial Intelligence- powered early warning system, indicates that **four** districts are at **very high risk** for **ASF, Babesiosis, BQ, CSF, LSD, and PPR** showing the highest predicted risks.

I. Livestock Diseases with Predicted Risk in Different Districts of Sikkim during June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	East District, North District, South District
3.	Babesiosis	East District, South District, West District
4.	Classical Swine Fever	East District
5.	Lumpy Skin Disease	East District, North District, South District, West District
6.	Peste des Petits Ruminants	East District

II. District-wise mapping of very high–risk areas for different diseases in Sikkim for the month of June 2026



Predicted risk for LSD

Predicted risk for Babesiosis

Predicted risk for ASF

Predicted risk for CSF, and PPR

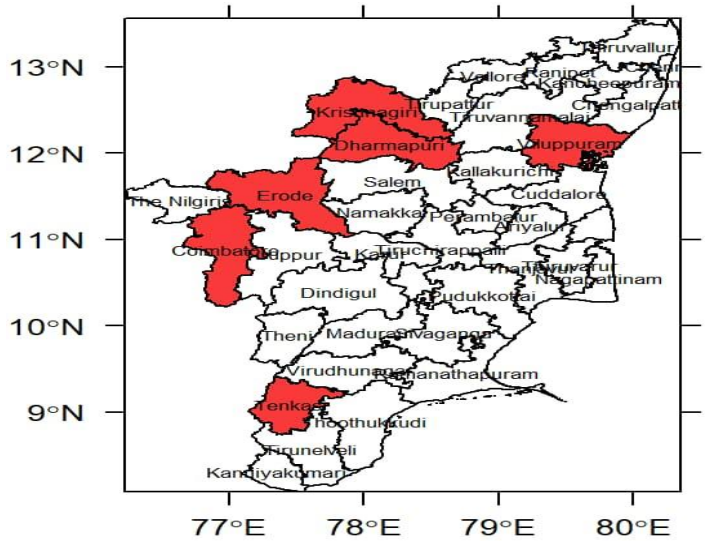
3.28. Tamil Nadu

The livestock disease forecast for **Tamil Nadu** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **thirteen** districts are at **very high risk** for **ASF, Anthrax, BQ, CSF, FMD, HS, PPR, and S&G Pox** showing the highest predicted risks.

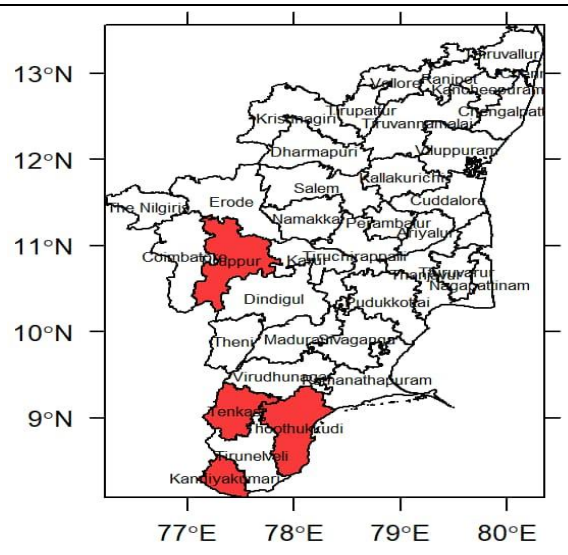
I. Livestock Diseases with Predicted Risk in Different Districts of Tamil Nadu for June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	Vellore
2.	Anthrax	Thiruvallur
3.	Black quarter	Cuddalore
4.	Classical Swine fever	Kanniyakumari, Tenkasi, Thoothukkudi, Tiruppur
5.	Foot and mouth disease	Coimbatore, Dharmapuri, Erode, Krishnagiri, Tenkasi, Viluppuram
6.	Haemorrhagic septicaemia	Chennai
7.	Peste des petits ruminants	Coimbatore, Tiruppur
8.	Sheep & Goat pox	Kanniyakumari, Tenkasi, Thoothukkudi, Tiruppur

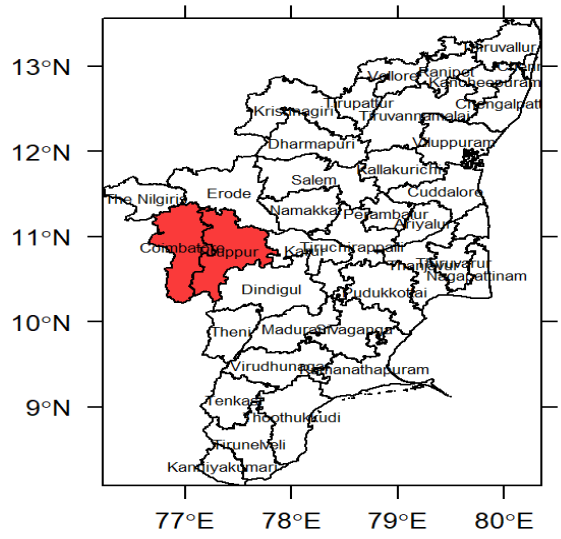
II. District-wise mapping of very high–risk areas for different diseases in Tamil Nadu for the month of June 2026



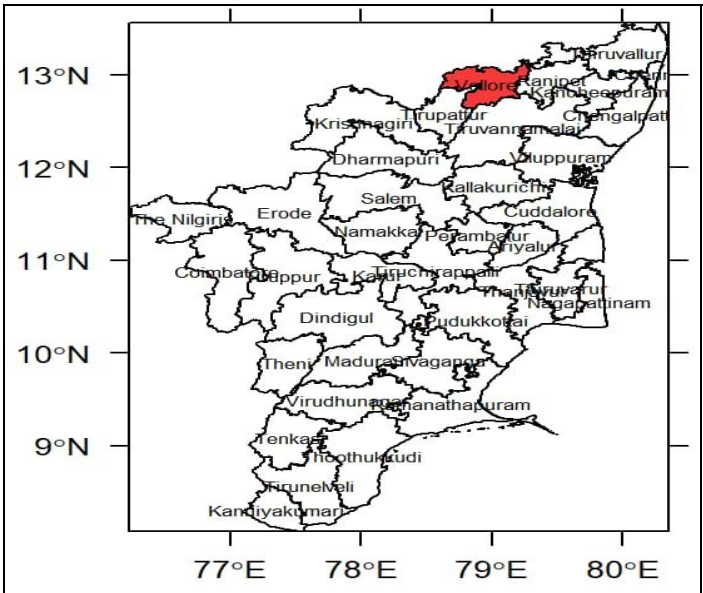
Predicted risk for FMD



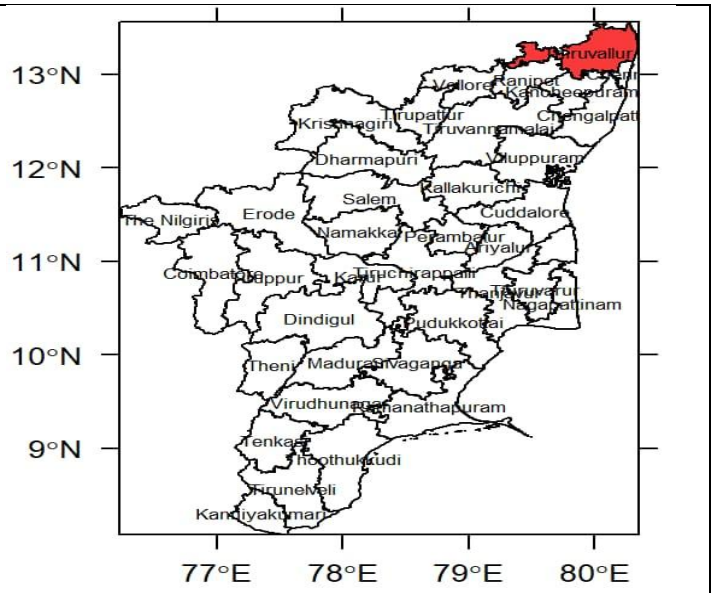
Predicted risk CSF, and S&G pox



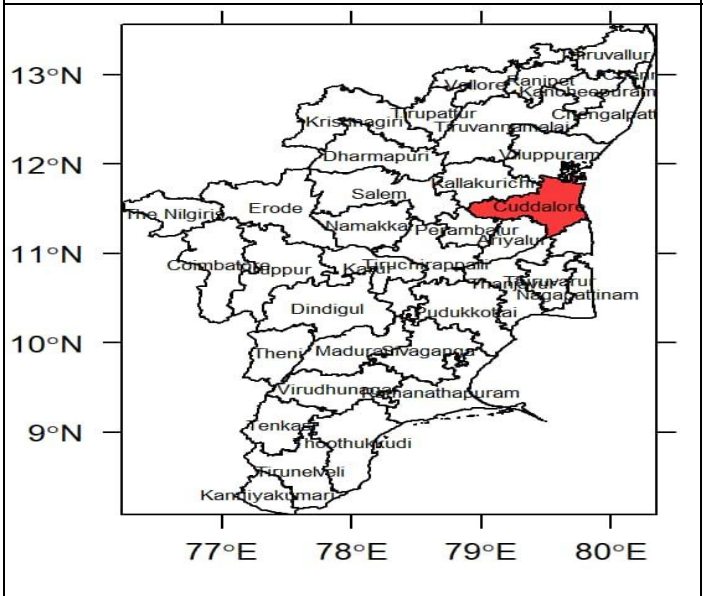
Predicted risk for PPR



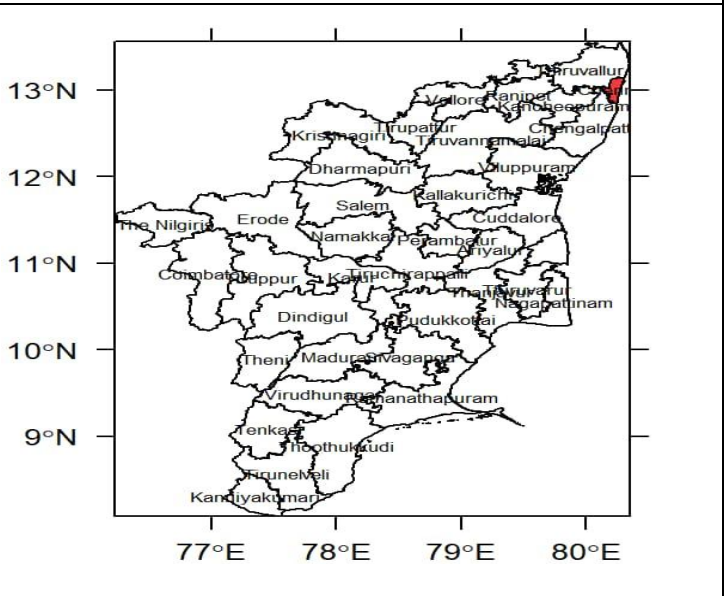
Predicted risk for ASF



Predicted risk for Anthrax



Predicted risk for BQ



Predicted risk for HS

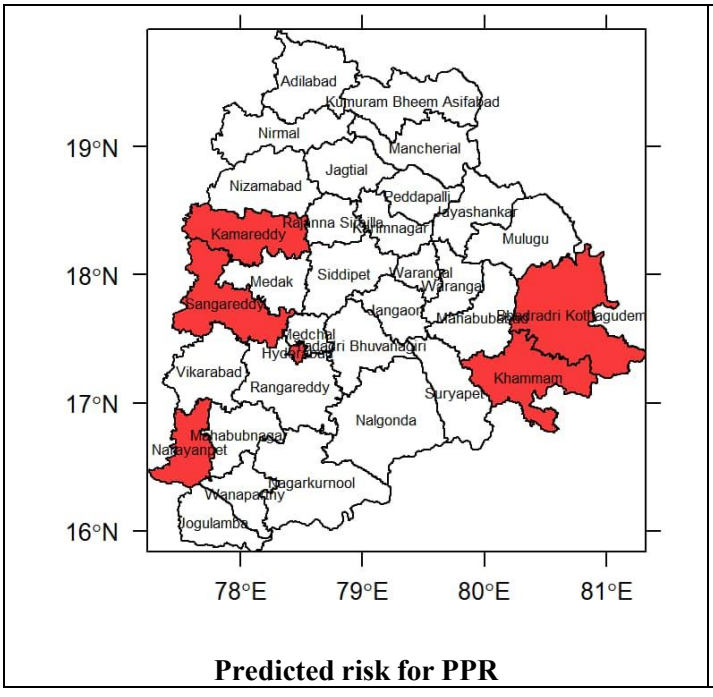
3.29. Telangana

The livestock disease forecast for **Telangana** for **June 2026** generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **sixteen** districts are at very high risk for **ASF, Anthrax, Babesiosis, BQ, CSF, ET, Fasciolosis, FMD, HS, LSD, PPR and S&G Pox, Theileriosis, and Trypanosomiasis** showing the highest predicted risks.

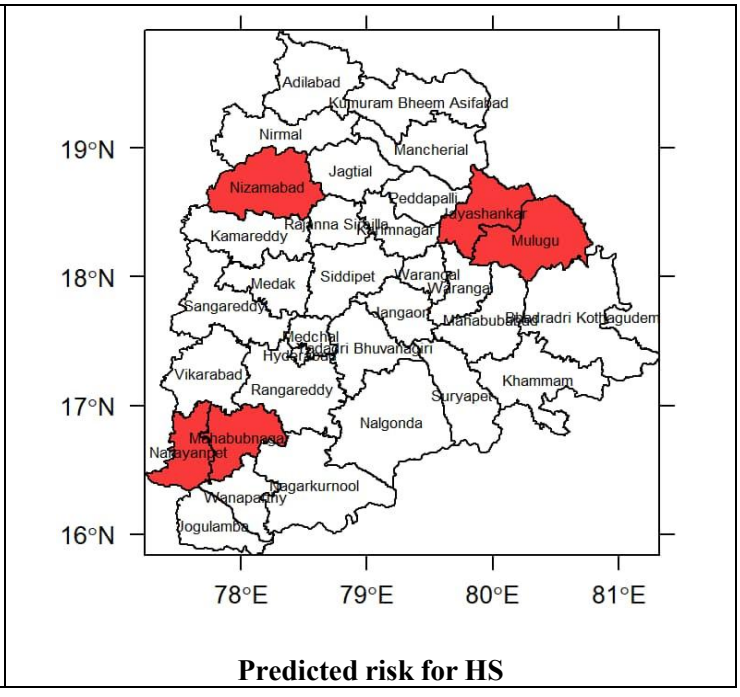
I. Livestock Diseases with Predicted Risk in Different Districts of Telangana during June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	Nirmal, Warangal
2.	Anthrax	Adilabad, Wanaparthy, Warangal
3.	Babesiosis	Adilabad, Warangal
4.	Black quarter	Adilabad, Hyderabad
5.	Classical Swine fever	Nalgonda, Nirmal, Warangal
6.	Enterotoxaemia	Adilabad, Sangareddy
7.	Fasciolosis	Adilabad, Sangareddy
8.	Foot and mouth disease	Adilabad, Nagarkurnool
9.	Haemorrhagic septicaemia	Jayashankar, Mahabubnagar, Mulugu, Narayanpet, Nizamabad
10.	Lumpy Skin Disease	Nirmal, Warangal
11.	Peste des petits ruminants	Bhadradri Kothagudem, Hyderabad, Kamareddy, Khammam, Narayanpet, Sangareddy
12.	Sheep & Goat pox	Nalgonda, Nirmal, Warangal
13.	Theileriosis	Nirmal, Warangal
14.	Trypanosomiasis	Nirmal, Warangal

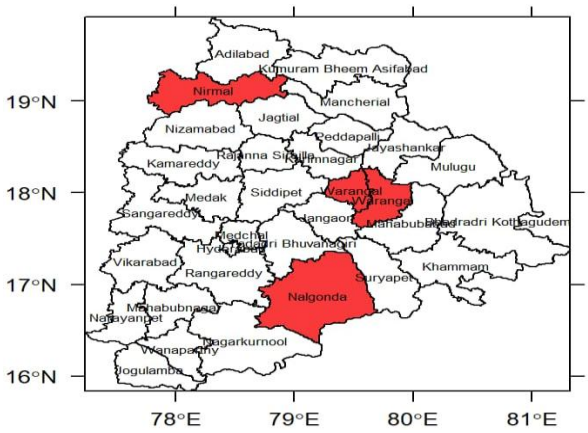
II. District-wise mapping of very high–risk areas for different diseases in Telangana for June 2026



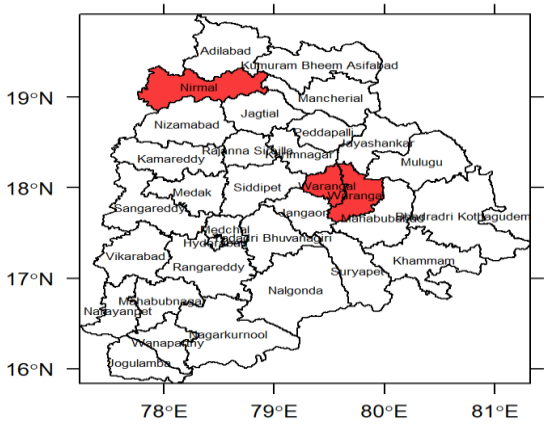
Predicted risk for PPR



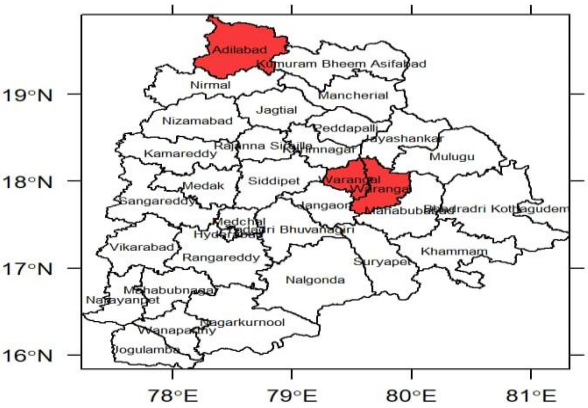
Predicted risk for HS



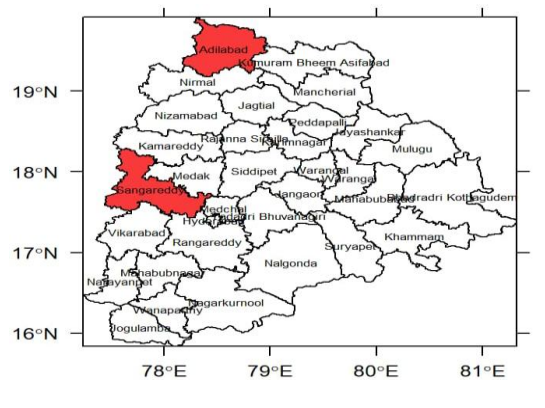
Predicted risk for CSF and S&G pox



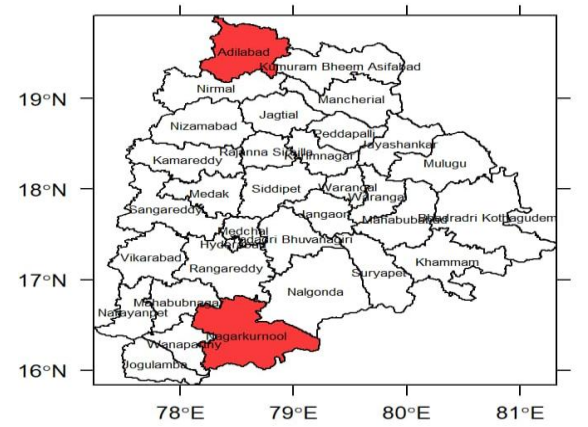
Predicted risk for ASF, LSD, Theileriosis, and Trypanosomiasis



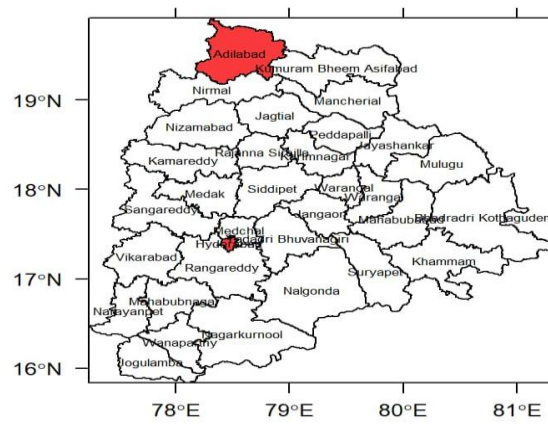
Predicted risk for Babesiosis



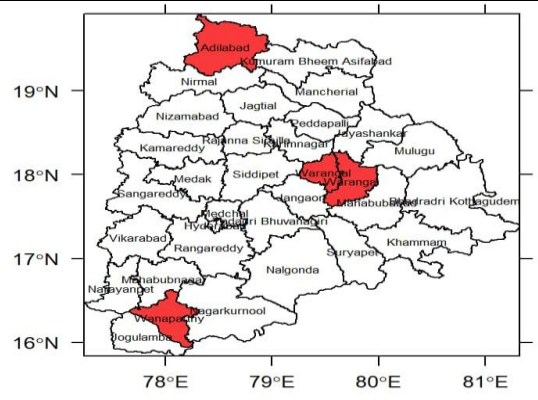
Predicted risk for ET, and Fasciolosis



Predicted risk for FMD



Predicted risk for BQ



Predicted risk for Anthrax

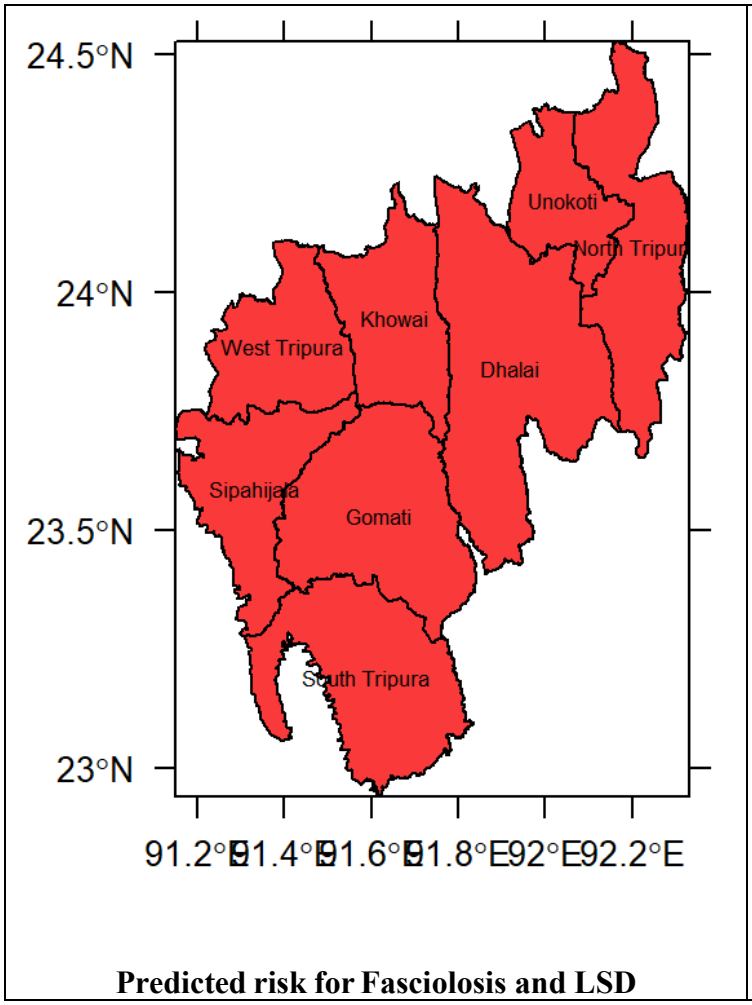
3.30. Tripura

The livestock disease forecast for **Tripura** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **eight** districts are at **very high risk** for **ASF, Babesiosis, BQ, CSF, ET, Fasciolosis, FMD, LSD, PPR, and S&G Pox** showing the highest predicted risks.

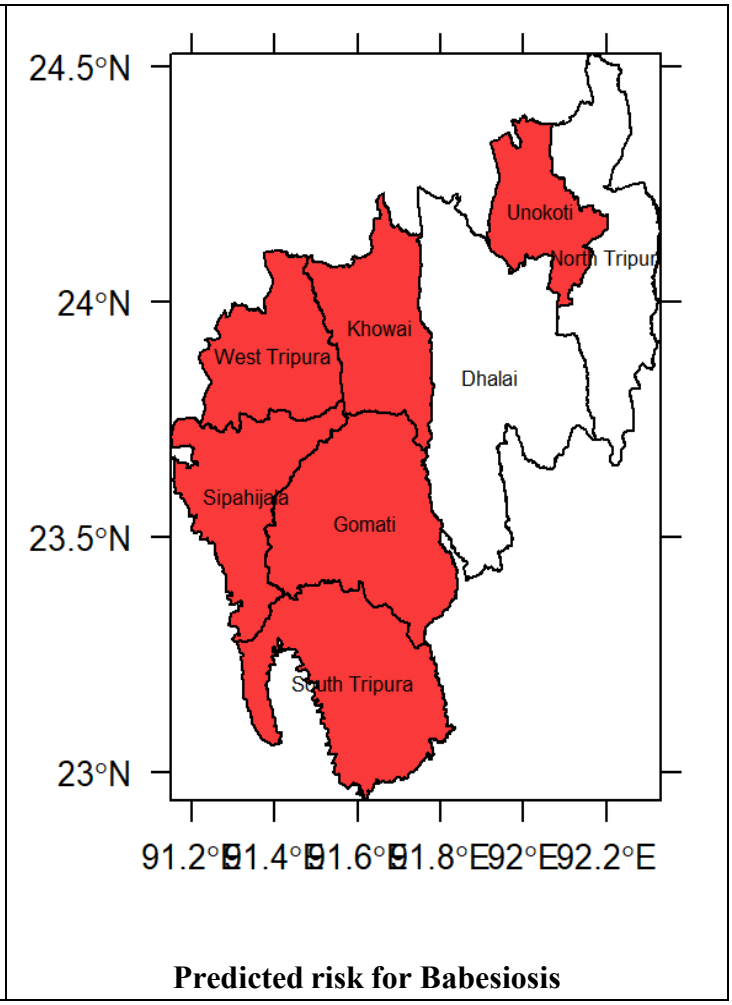
I. Livestock Diseases with Predicted Risk in Different Districts of Tripura for June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	Dhalai
2.	Babesiosis	Gomati, Khowai, Sipahijala, South Tripura, Unokoti, West Tripura
3.	Black quarter	Sipahijala, South Tripura
4.	Classical Swine fever	Sipahijala, South Tripura
5.	Enterotoxaemia	South Tripura
6.	Fasciolosis	Dhalai, Gomati, Khowai, North Tripura, Sipahijala, South Tripura, Unokoti, West Tripura
7.	Foot and mouth disease	Dhalai, Sipahijala, South Tripura, West Tripura
8.	Lumpy Skin Disease	Dhalai, Gomati, Khowai, North Tripura, Sipahijala, South Tripura, Unokoti, West Tripura
9.	Peste des petits ruminants	Sipahijala, South Tripura, West Tripura
10.	Sheep & Goat pox	Dhalai, Gomati, Khowai, Sipahijala, South Tripura, West Tripura

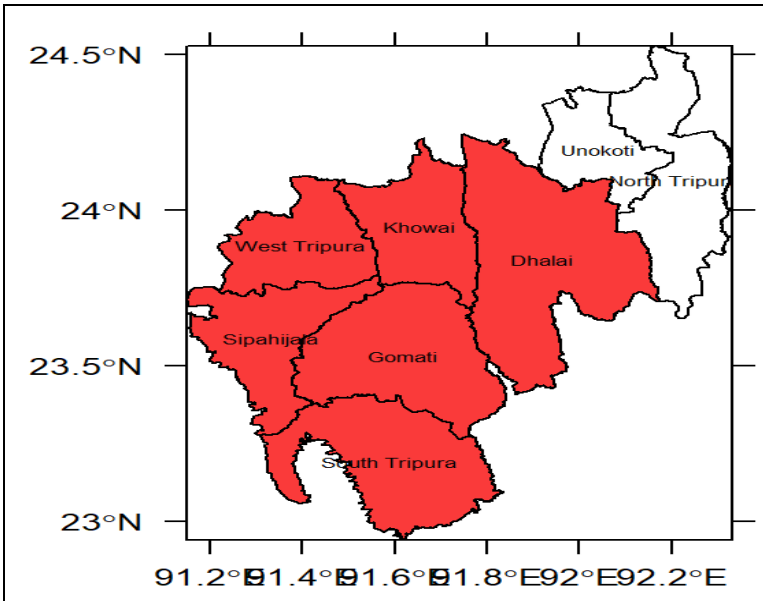
II. District-wise mapping of very high–risk areas for different diseases in Tripura for the month of June 2026



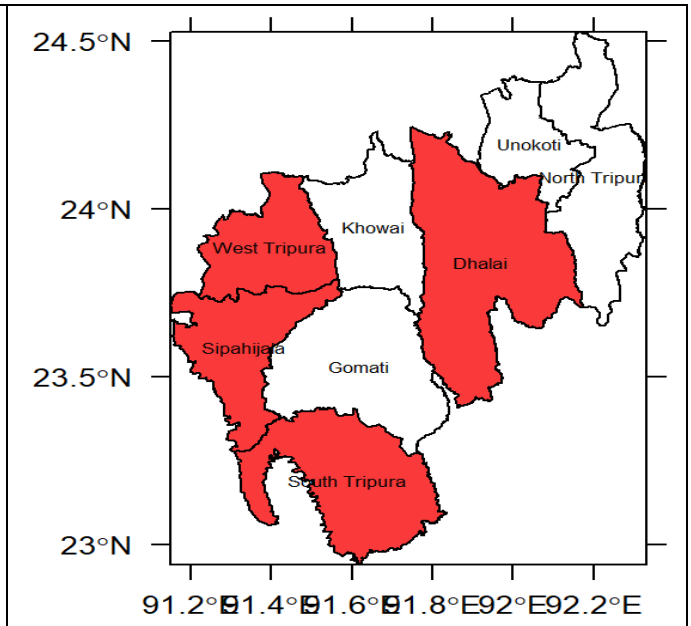
Predicted risk for Fasciolosis and LSD



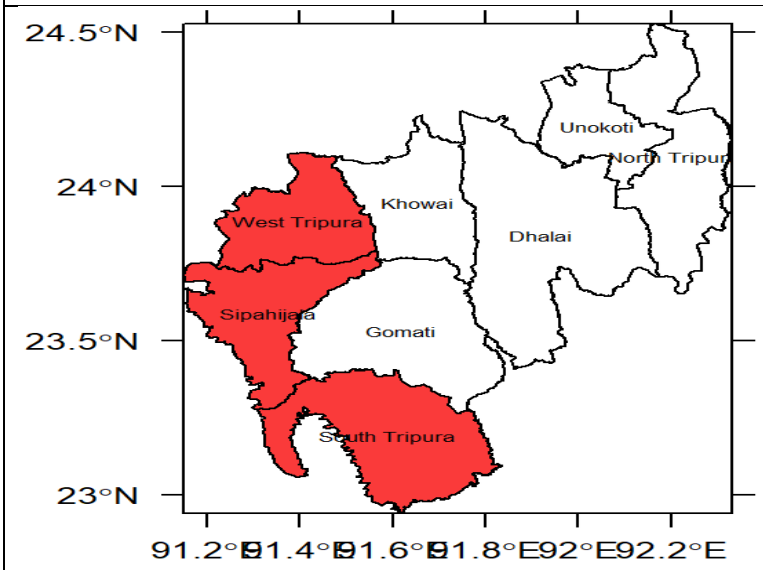
Predicted risk for Babesiosis



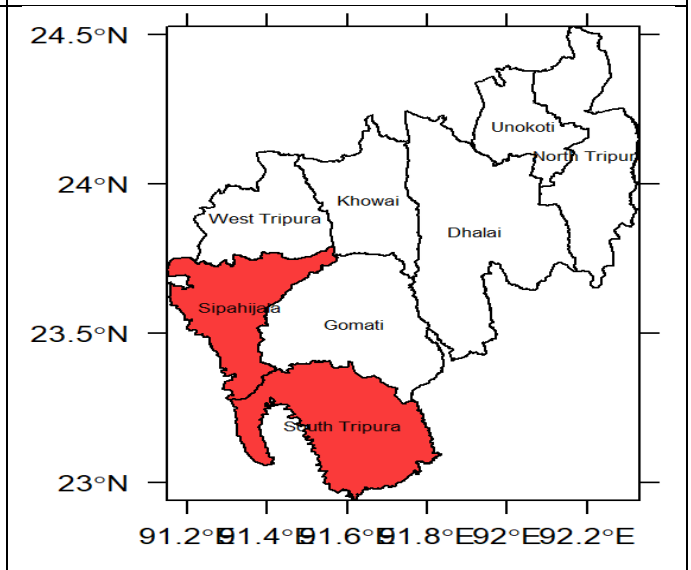
Predicted risk for S&G Pox



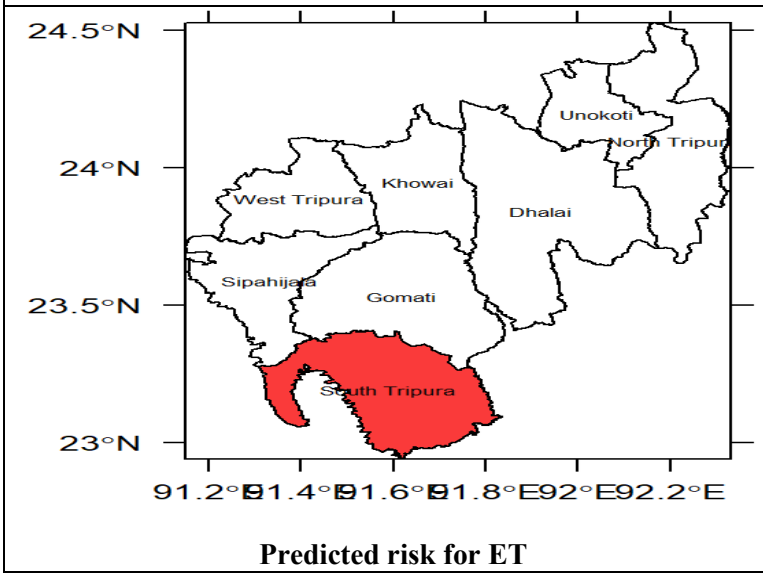
Predicted risk for FMD



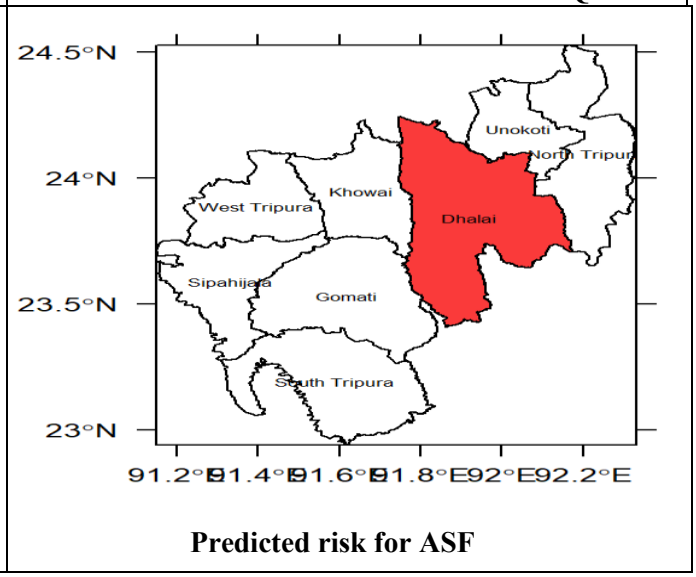
Predicted risk for PPR



Predicted risk for CSF and BQ



Predicted risk for ET



Predicted risk for ASF

3.31. Uttar Pradesh

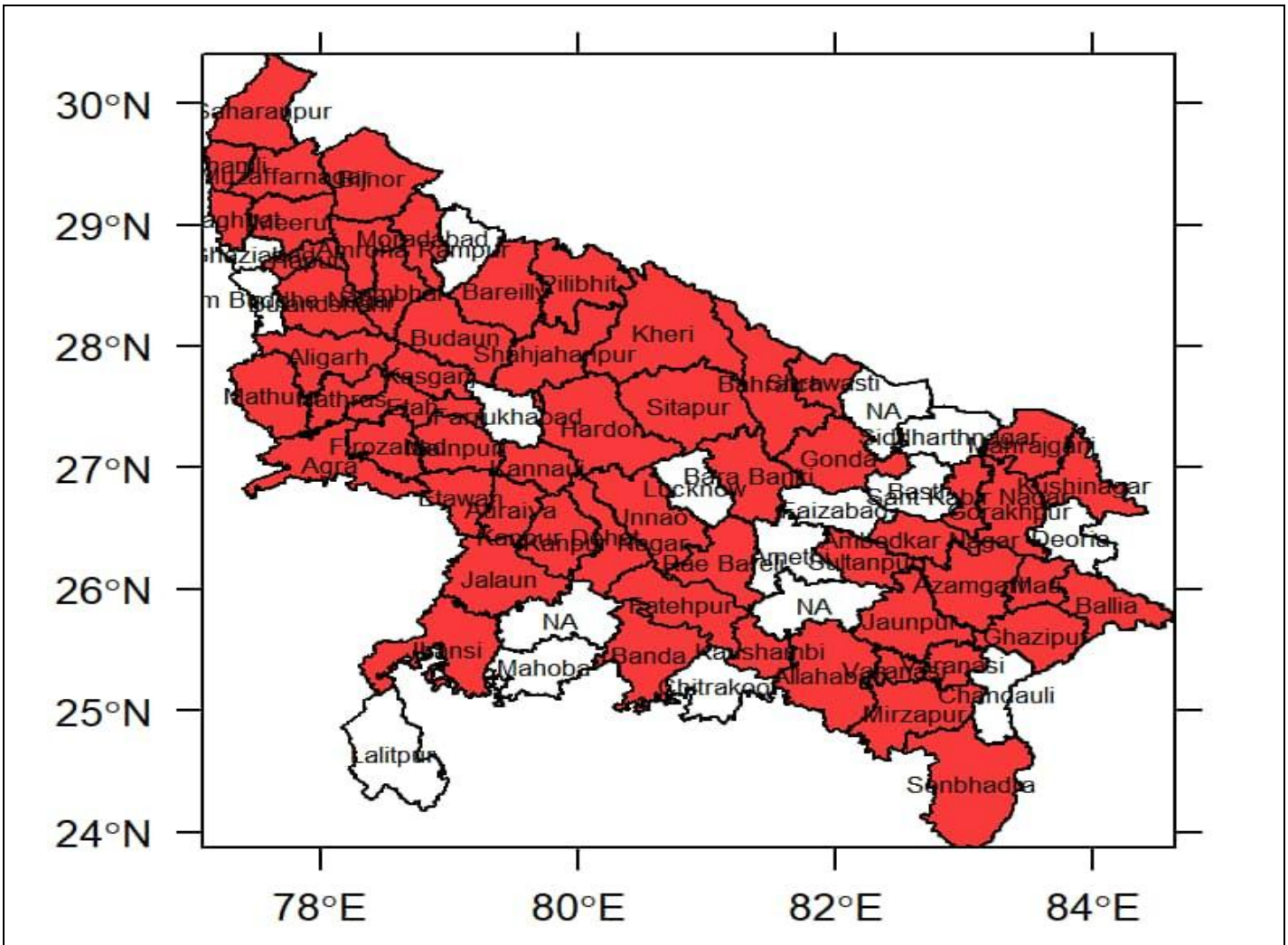
The livestock disease forecast for **Uttar Pradesh** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **seventy** districts are at **very high risk** for **ASF, Anthrax, Babesiosis, BQ, CSF, ET, Fasciolosis, FMD, HS, LSD, PPR, S&G Pox, Theileriosis and Trypanosomiasis** showing the highest predicted risks.

I. Livestock Diseases with Predicted Risk in Different Districts of Uttar Pradesh during June 2026

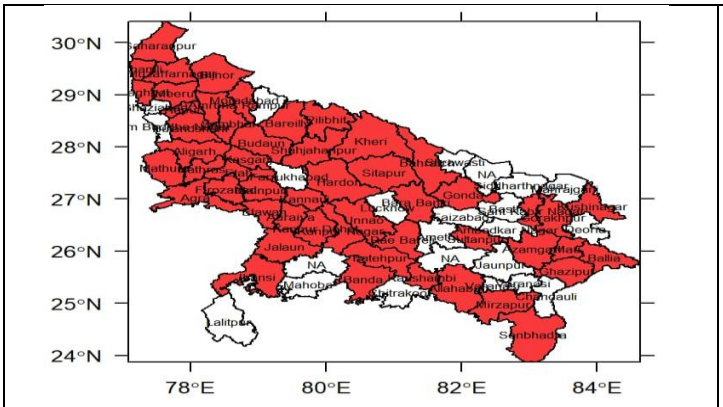
Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	Agra, Aligarh, Allahabad, Amroha, Auraiya, Azamgarh, Baghpat, Bahraich, Ballia, Banda, Bara Banki, Bareilly, Bhadohi, Bijnor, Budaun, Bulandshahr, Etah, Etawah, Fatehpur, Firozabad, Ghazipur, Gonda, Gorakhpur, Hamirpur, Hapur, Hardoi, Hathras, Jalaun, Jhansi, Kannauj, Kanpur Dehat, Kanpur Nagar, Kasganj, Kaushambi, Kheri, Kushinagar, Mainpuri, Mathura, Mau, Meerut, Mirzapur, Moradabad, Muzaffarnagar, Pilibhit, Rae Bareli, Saharanpur, Sambhal, Sant Kabir Nagar, Shahjahanpur, Shamli, Sitapur, Sonbhadra, Sultanpur, Unnao
2.	Anthrax	Amroha, Baghpat, Bara Banki, Bareilly, Basti, Budaun, Faizabad, Fatehpur, Gonda, Gorakhpur, Hamirpur, Hapur, Hardoi, Hathras, Kanpur Nagar, Meerut, Pilibhit, Rampur, Sambhal, Shamli, Sonbhadra, Unnao
3.	Babesiosis	Agra, Allahabad, Amroha, Auraiya, Azamgarh, Baghpat, Bahraich, Ballia, Banda, Bijnor, Budaun, Etah, Fatehpur, Firozabad, Gonda, Gorakhpur, Hamirpur, Hapur, Hardoi, Hathras, Jalaun, Jhansi, Kannauj, Kaushambi, Kheri, Kushinagar, Lalitpur, Mahoba, Mainpuri, Mathura, Moradabad, Muzaffarnagar, Pilibhit, Rae Bareli, Saharanpur, Sambhal, Shahjahanpur, Sitapur, Sonbhadra
4.	Black quarter	Agra, Allahabad, Amroha, Auraiya, Azamgarh, Baghpat, Bahraich, Ballia, Banda, Bijnor, Budaun, Etah, Fatehpur, Firozabad, Gonda, Gorakhpur, Hamirpur, Hapur, Hardoi, Hathras, Jalaun, Jhansi, Kannauj, Kaushambi, Kheri, Kushinagar, Lalitpur, Mahoba, Mainpuri, Mathura, Moradabad, Muzaffarnagar, Pilibhit, Rae Bareli, Saharanpur, Sambhal, Shahjahanpur, Sitapur, Sonbhadra
5.	Classical Swine fever	Fatehpur
6.	Enterotoxaemia	Agra, Allahabad, Amroha, Auraiya, Azamgarh, Baghpat, Bahraich, Ballia, Banda, Bijnor, Budaun, Etah, Fatehpur, Firozabad, Gonda, Gorakhpur, Hamirpur, Hapur, Hardoi, Hathras, Jalaun, Jhansi, Kannauj, Kaushambi, Kheri, Kushinagar, Lalitpur, Mahoba, Mainpuri, Mathura, Moradabad, Muzaffarnagar, Pilibhit, Rae Bareli, Saharanpur, Sambhal, Shahjahanpur, Sitapur, Sonbhadra
7.	Fasciolosis	Agra, Allahabad, Amroha, Auraiya, Azamgarh, Baghpat, Bahraich, Ballia, Banda, Bijnor, Budaun, Etah, Fatehpur, Firozabad, Gonda, Gorakhpur, Hamirpur, Hapur, Hardoi, Hathras, Jalaun, Jhansi, Kannauj, Kaushambi, Kheri, Kushinagar, Lalitpur, Mahoba, Mainpuri, Mathura, Moradabad, Muzaffarnagar, Pilibhit, Rae Bareli, Saharanpur, Sambhal, Shahjahanpur, Sitapur, Sonbhadra
8.	Foot and mouth disease	Agra, Amroha, Auraiya, Azamgarh, Baghpat, Bahraich, Ballia, Banda, Bijnor, Budaun, Etah, Fatehpur, Firozabad, Gonda, Hamirpur, Hapur, Hardoi, Hathras, Jalaun, Jhansi, Kannauj, Kaushambi, Kheri, Lalitpur, Mahoba, Mainpuri, Mathura, Moradabad, Muzaffarnagar, Pilibhit, Rae Bareli, Saharanpur, Shahjahanpur, Sitapur, Sonbhadra
9.	Haemorrhagic septicaemia	Agra, Amroha, Auraiya, Azamgarh, Baghpat, Bahraich, Ballia, Banda, Budaun, Etah, Fatehpur, Firozabad, Gonda, Hamirpur, Hapur, Hardoi, Jalaun, Kaushambi, Kheri, Mathura, Meerut, Moradabad, Pilibhit, Saharanpur, Sitapur, Sonbhadra
10.	Lumpy Skin Disease	Agra, Aligarh, Allahabad, Amroha, Auraiya, Azamgarh, Baghpat, Bahraich, Ballia, Banda, Bara Banki, Bareilly, Bijnor, Budaun, Etah, Fatehpur, Firozabad, Gonda, Gorakhpur, Hamirpur, Hapur, Hardoi, Jalaun, Kaushambi, Kheri, Kushinagar, Mainpuri, Mathura, Meerut, Mirzapur, Moradabad, Pilibhit, Rae Bareli, Saharanpur,

		Sambhal, Sitapur, Sonbhadra, Sultanpur, Unnao
11.	Peste des petits ruminants	Fatehpur
12.	Sheep & Goat pox	Fatehpur
13.	Theileriosis	Agra, Allahabad, Amethi, Amroha, Azamgarh, Baghpat, Bahraich, Ballia, Banda, Bara Banki, Bulandshahr, Chandauli, Etah, Fatehpur, Gautam Buddha Nagar, Ghazipur, Gonda, Gorakhpur, Hamirpur, Hapur, Hardoi, Hathras, Jalaun, Jhansi, Kanpur Dehat, Kheri, Kushinagar, Mahoba, Mahrajganj, Mathura, Pilibhit, Rae Bareli, Saharanpur, Shamli, Siddharthnagar, Sonbhadra
14.	Trypanosomiasis	Agra, Aligarh, Allahabad, Ambedkar Nagar, Amroha, Auraiya, Azamgarh, Baghpat, Bahraich, Ballia, Balrampur, Banda, Bara Banki, Bareilly, Bhadohi, Bijnor, Budaun, Bulandshahr, Etah, Etawah, Fatehpur, Firozabad, Ghazipur, Gonda, Gorakhpur, Hamirpur, Hapur, Hardoi, Hathras, Jalaun, Jaunpur, Jhansi, Kannauj, Kanpur Dehat, Kanpur Nagar, Kasganj, Kaushambi, Kheri, Kushinagar, Mahrajganj, Mainpuri, Mathura, Mau, Meerut, Mirzapur, Moradabad, Muzaffarnagar, Pilibhit, Pratapgarh, Rae Bareli, Saharanpur, Sambhal, Sant Kabir Nagar, Shahjahanpur, Shamli, Shrawasti, Sitapur, Sonbhadra, Sultanpur, Unnao, Varanasi

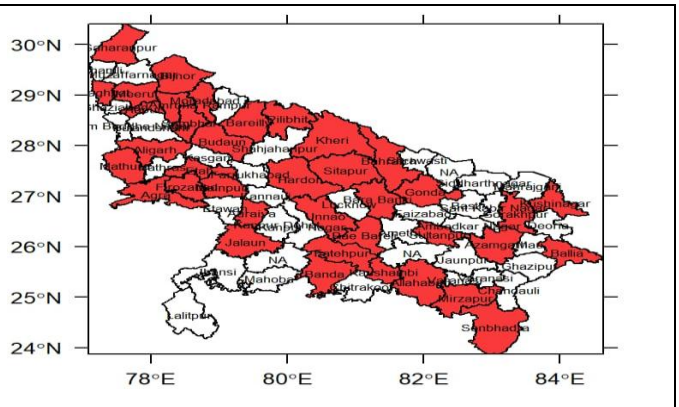
II. District-wise mapping of very high–risk areas for different diseases in Uttar Pradesh for the month of June 2026



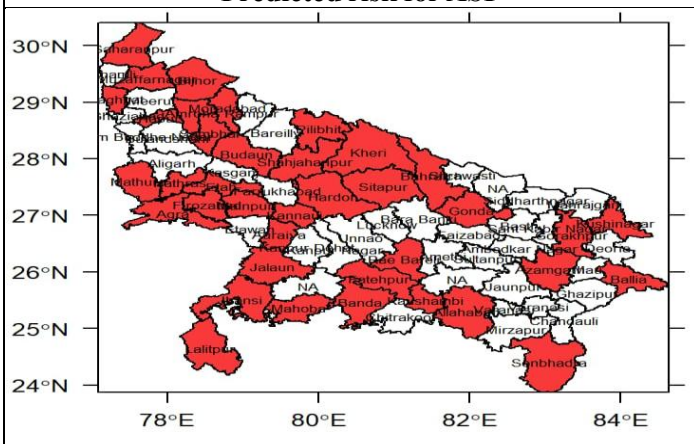
Predicted risk for ASF and Trypanosomiasis



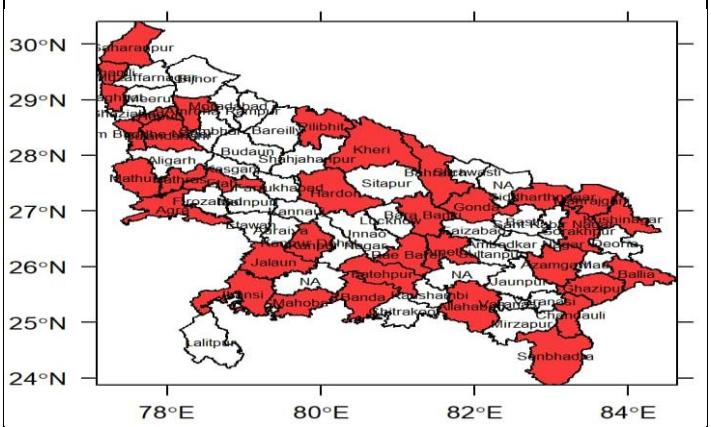
Predicted risk for ASF



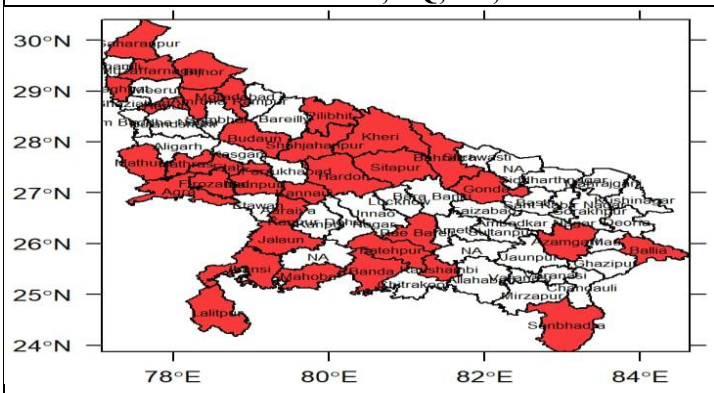
Predicted risk for LSD



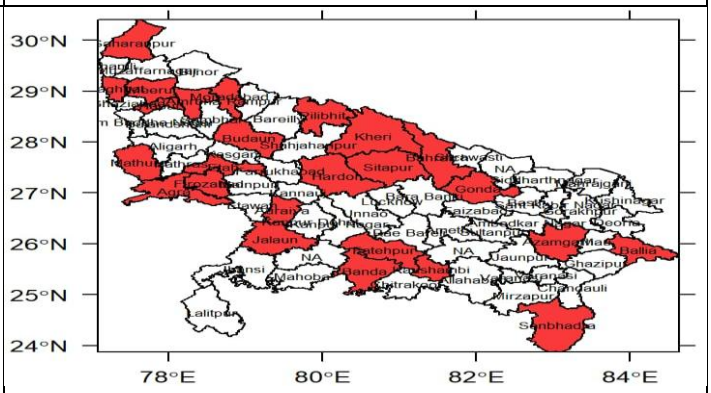
Predicted risk for Babesiosis, BQ, ET, and Fasciolosis



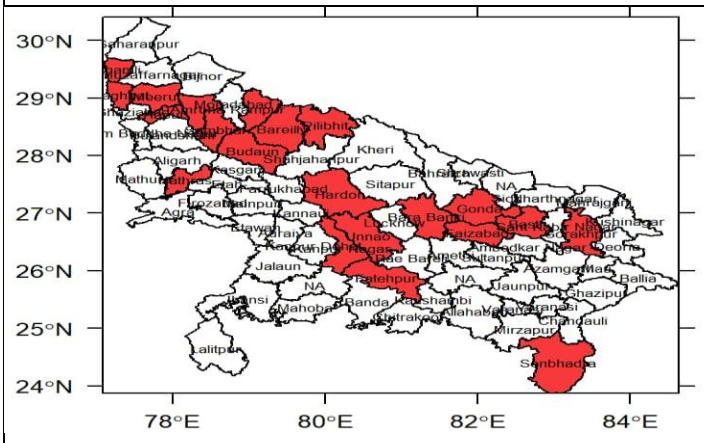
Predicted risk for Theileriosis



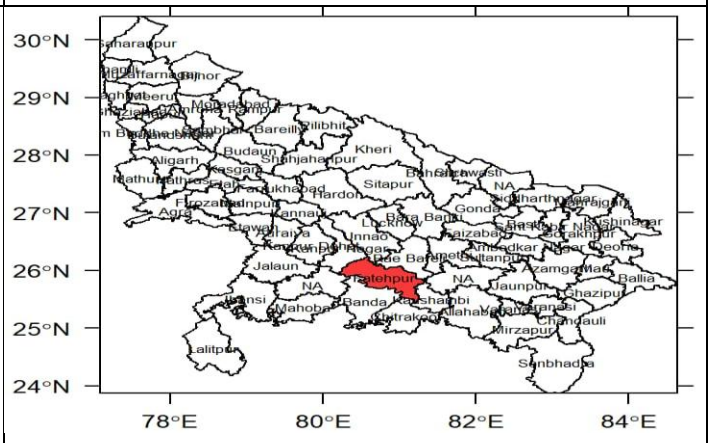
Predicted risk for FMD



Predicted risk for HS



Predicted risk for Anthrax



Predicted risk for CSF, PPR, S&G pox

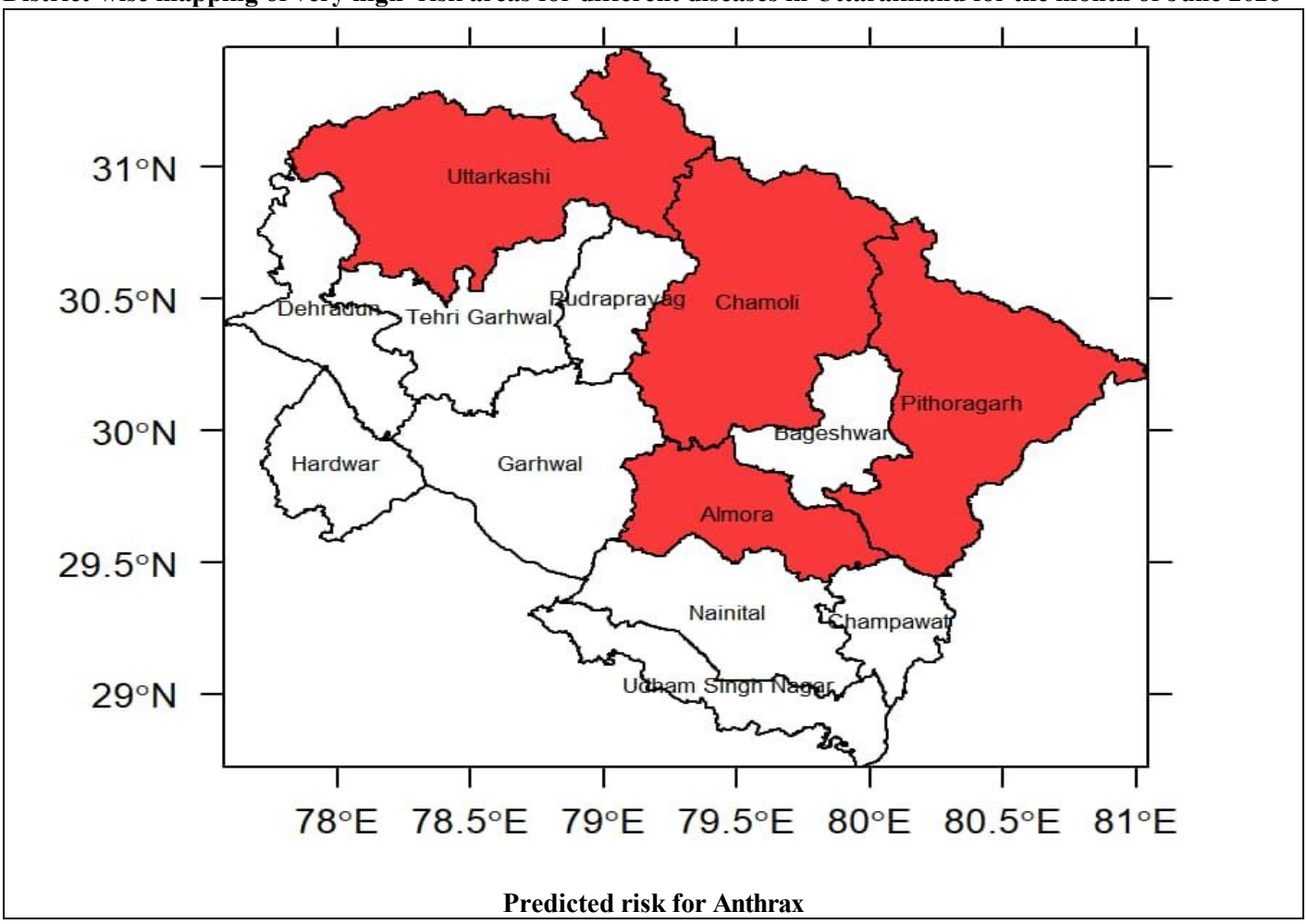
3.32. Uttarakhand

The livestock disease forecast for **Uttarakhand** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **eight** districts are at very high risk for **ASF, Anthrax, Babesiosis, BQ, CSF, ET, Fasciolosis, FMD, HS, LSD, PPR, S&G Pox and Theileriosis** showing the highest predicted risks.

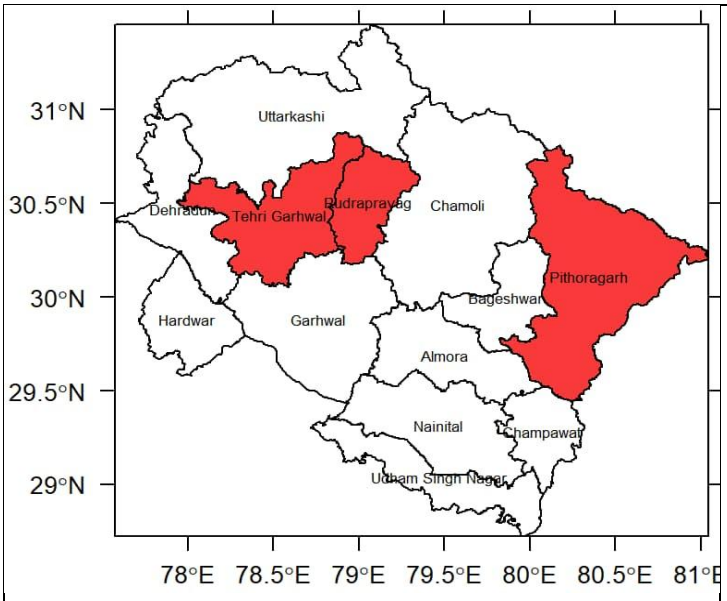
I. Livestock Diseases with Predicted Risk in Different Districts of Uttarakhand during June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	Dehradun
2.	Anthrax	Almora, Chamoli, Pithoragarh, Uttarkashi
3.	Babesiosis	Almora
4.	Black quarter	Almora
5.	Classical Swine fever	Almora, Bageshwar
6.	Enterotoxaemia	Almora
7.	Fasciolosis	Almora
8.	Foot and mouth disease	Almora
9.	Haemorrhagic septicaemia	Almora
10.	Lumpy Skin Disease	Dehradun
11.	Peste des petits ruminants	Almora, Bageshwar
12.	Sheep & Goat pox	Almora, Bageshwar
13.	Theileriosis	Pithoragarh, Rudraprayag, Tehri Garhwal

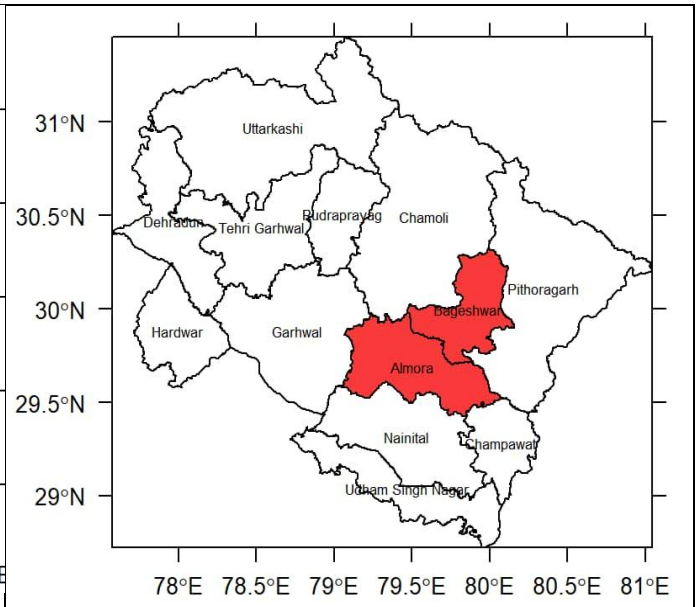
II. District-wise mapping of very high–risk areas for different diseases in Uttarakhand for the month of June 2026



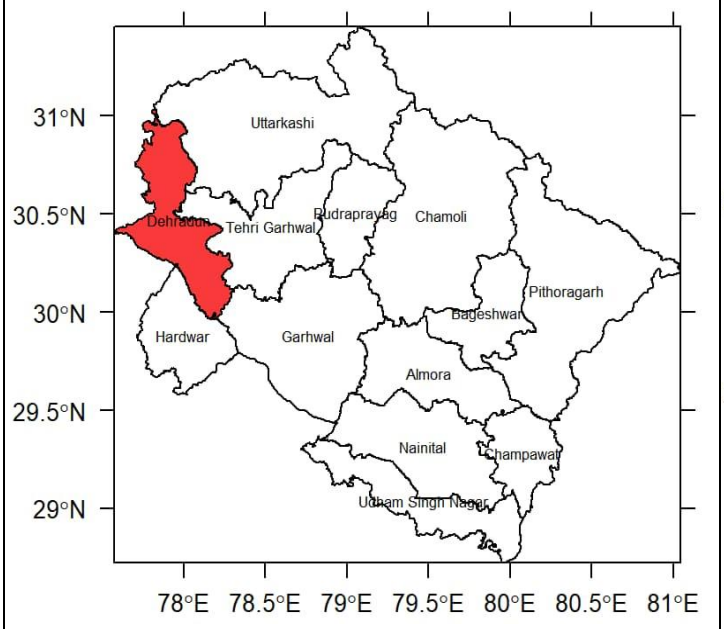
Predicted risk for Anthrax



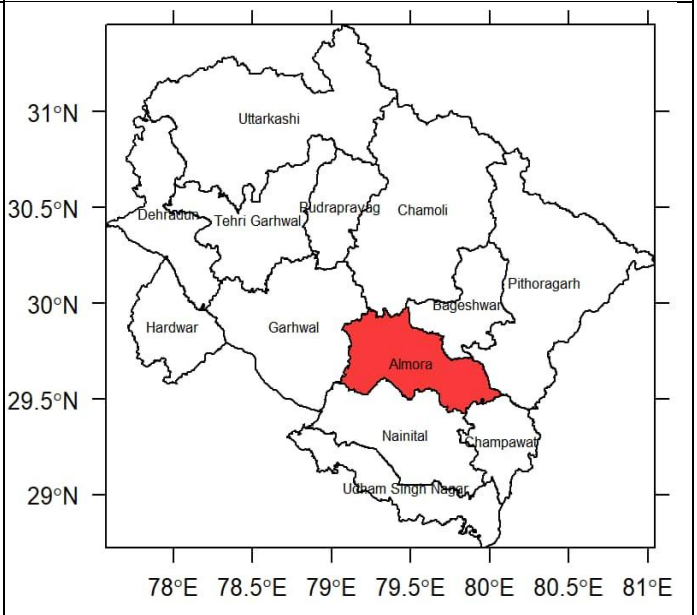
Predicted risk for Theileriosis



Predicted risk for CSF, PPR, and S&G pox



Predicted risk for ASF and LSD



Predicted risk for Babesiosis, BQ, ET, Fasciolosis, FMD, and HS

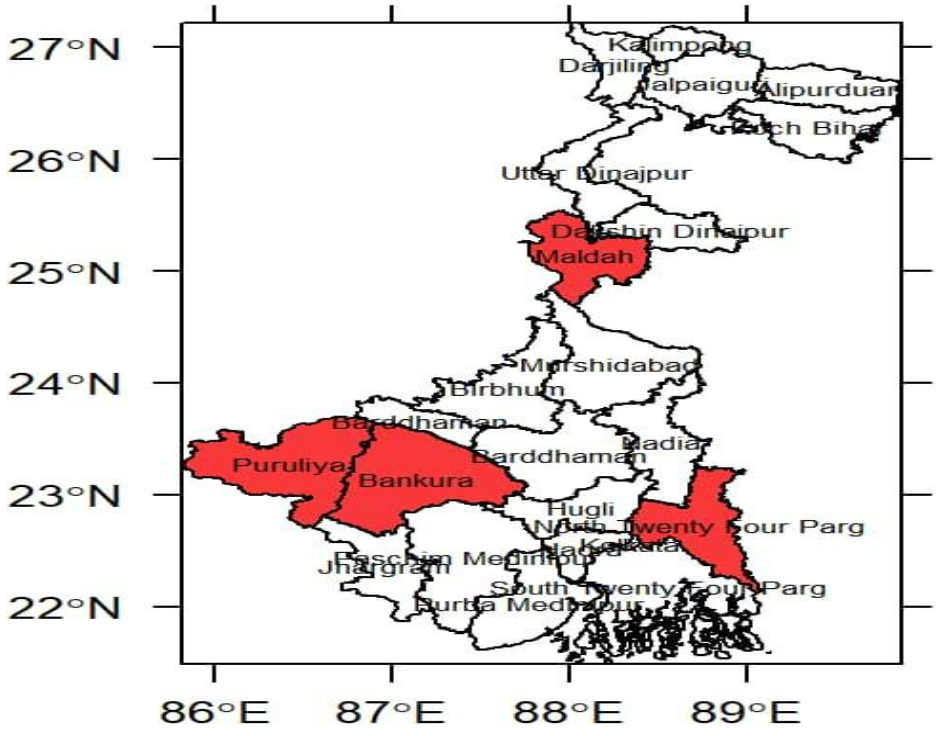
3.33. West Bengal

The livestock disease forecast for **West Bengal** for **June 2026**, generated using NADRES v2, an Artificial Intelligence-powered early warning system, indicates that **sixteen** districts are at **very high risk** for **ASF, Anthrax, Babesiosis, BQ, CSF, ET, Fasciolosis, FMD, HS, S&G Pox, Theileriosis and Trypanosomiasis** showing the highest predicted risks.

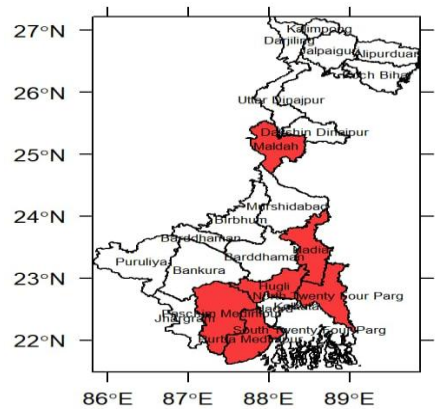
I. Livestock Diseases with Predicted Risk in Different Districts of West Bengal during June 2026

Sl. No.	Disease Name	Names of Districts
1.	African Swine Fever	Jhargram, North Twenty Four Parg
2.	Anthrax	Murshidabad
3.	Babesiosis	Barddhaman, Jhargram, Kalimpong, Puruliya, South Twenty Four Parg
4.	Black quarter	Barddhaman, Maldah, Murshidabad, North Twenty Four Parg, Puruliya, South Twenty Four Parg
5.	Classical Swine fever	Haora, North Twenty Four Parg
6.	Enterotoxaemia	Barddhaman, Koch Bihar, Maldah, North Twenty Four Parg, South Twenty Four Parg
7.	Fasciolosis	Barddhaman, Maldah, North Twenty Four Parg, South Twenty Four Parg
8.	Foot and mouth disease	Bankura, Maldah, North Twenty Four Parg, Puruliya
9.	Haemorrhagic septicaemia	Hugli, Maldah, Nadia, North Twenty Four Parg, Paschim Medinipur, Purba Medinipur
10.	Lumpy Skin Disease	Kalimpong, Paschim Medinipur, South Twenty Four Parg
11.	Peste des petits ruminants	Maldah, North Twenty Four Parg
12.	Sheep & Goat pox	Haora, North Twenty Four Parg
13.	Theileriosis	Haora, Hugli, Kolkata, Maldah, North Twenty Four Parg, Purba Medinipur, South Twenty Four Parg
14.	Trypanosomiasis	Haora, Hugli, Jhargram, North Twenty Four Parg, South Twenty Four Parg

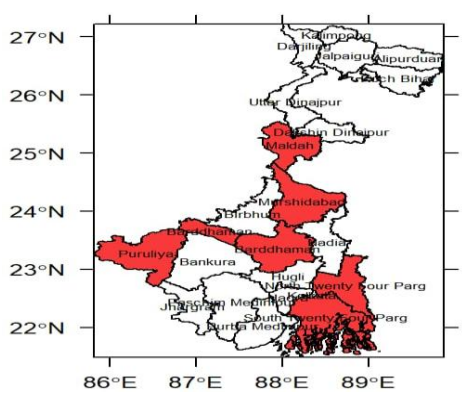
II. District-wise mapping of very high–risk areas for different diseases in West Bengal for the month of June 2026



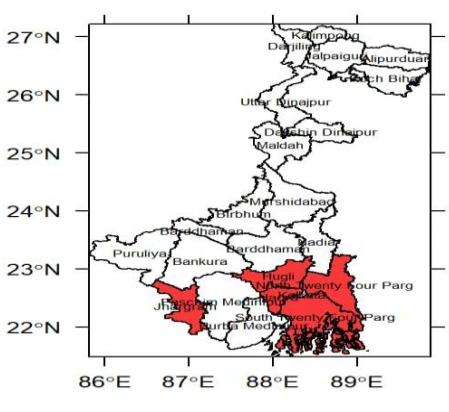
Predicted risk for FMD



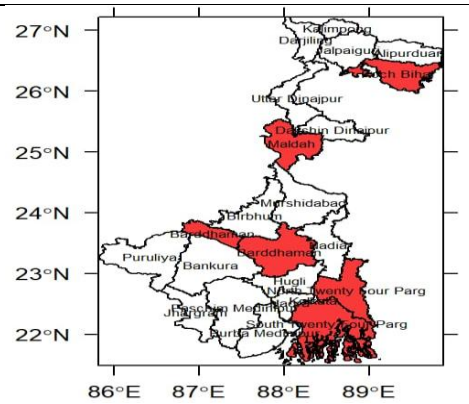
Predicted risk for HS



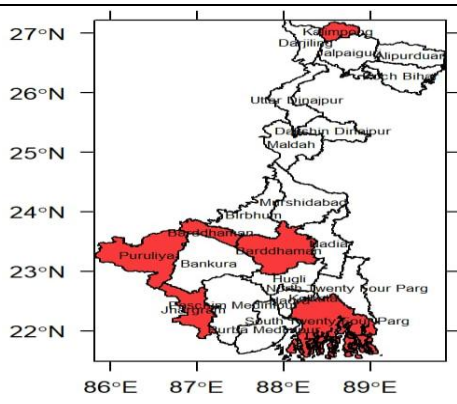
Predicted risk for BQ



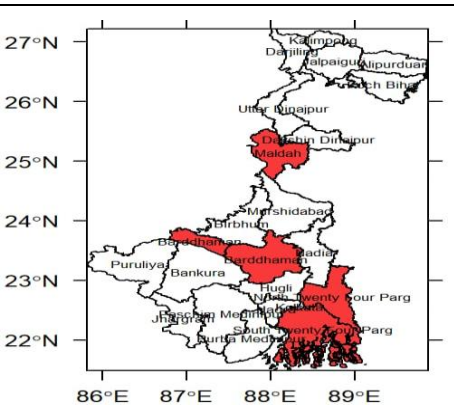
Predicted risk for Trypanosomiasis



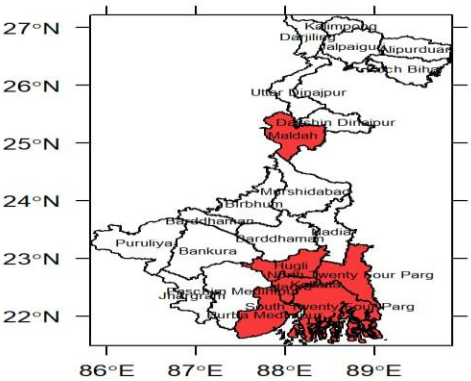
Predicted risk for ET



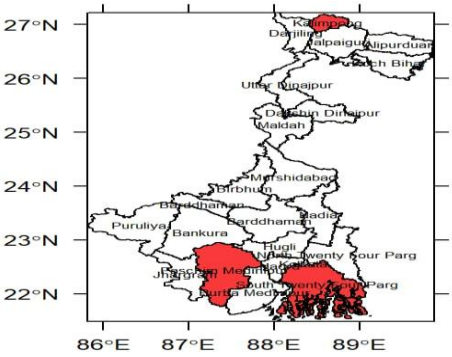
Predicted risk for Babesiosis



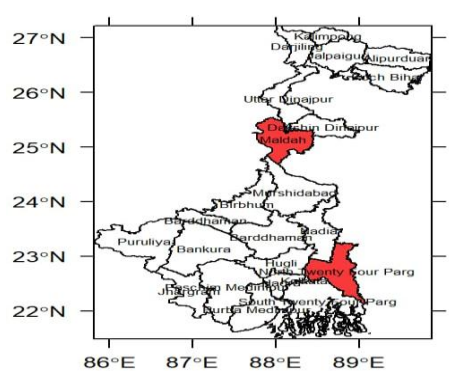
Predicted risk for Fasciolosis



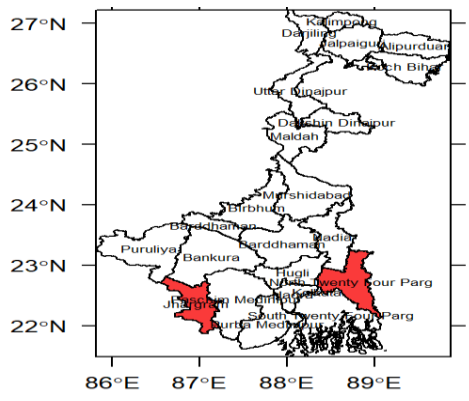
Predicted risk for Theileriosis



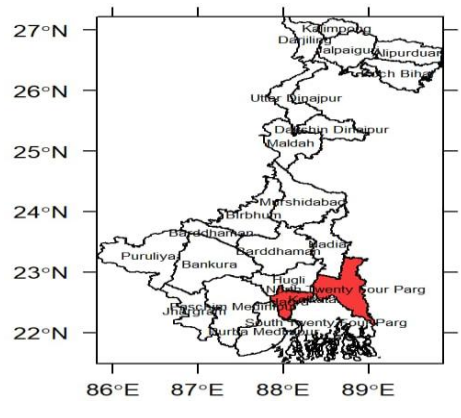
Predicted risk for LSD



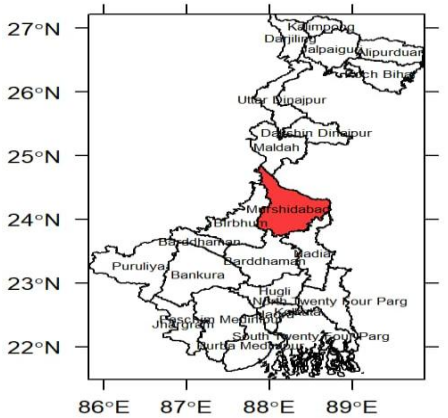
Predicted risk for PPR



Predicted risk for ASF



Predicted risk for CSF and S&G pox



Predicted risk for Anthrax

3.34. Regions with No Predicted Risk for Livestock Diseases in June 2026

For the month of June 2026, no risk was Predicted any of the **14** (Blue Tongue is not predicted in any of the regions) livestock diseases in **Dadra and Nagar Haveli, Daman & Diu and Lakshadweep**.

ANNEXURE

Rule-Based Expansion of Disease Forewarning to Epicentre Villages in Karnataka State (Predicted for June 2026)

District-level disease forewarning was generated using the National Animal Disease Referral Expert System (NADRES v2), and districts predicted under high and very high-risk levels were treated as priority districts. To enhance the operational usefulness of the forewarning, a rule-based framework was adopted to incorporate epicentre village–level risk information within these forewarned districts.

Within the predicted risk districts, village-level disease reporting patterns from recent months were reviewed. Based on predefined rules, villages reporting disease during the forewarning period June 2026 were classified as high-risk epicentre villages. Villages reporting disease in the immediately preceding or succeeding months were classified as moderate-risk villages, while villages with disease reports occurring two months before or two months after the forewarning period were classified as low-risk villages.

Further, rule-based spatial buffers were applied around the identified epicentre villages to delineate surrounding risk zones. Villages located within a 2 km radius of the epicentre villages were classified as moderate-risk villages, whereas villages located within a 5 km radius were categorized as low-risk villages.

This rule-based incorporation of epicentre village risk information was undertaken to support focused surveillance, vaccination planning, and preparedness activities in forewarned districts, and to strengthen field-level disease prevention and control measures.

Table 1: Rule-Based Spatial Expansion of High-Risk Epicentre Villages (Predicted for June 2026)

Disease	District	Taluk	Epicentre Village (High Risk)	Moderate-risk villages (Immediate temporal proximity & ≤ 2 km Buffer Zones)	Low-risk villages (Wider temporal proximity & ≤ 5 km Buffer Zones)
Anthrax	Bellary	Hagaribommana	-	Kudithinamoggi, Thambrahalli	Nellukudri
	Bellary	Kudligi	-	Dhoopadahalli, Ujjini	-
	Bellary	Sandur	-	Sovenahalli	-
	Bellary	Siruguppa	Devalapura	Konchigeri, Baggura, Dhesanuru, Siraguppa, Araliganuru, Halekote, Kenchanagudda, Manjinahalu, Poppanahalu (Inam)	Konchigeri, Raravi, Hirehalu, Upparahosahalli, Bagewadi, Ibrahimapura, Janakanura, K. Suguru, Karchiganura, Kotehalu, Saliganuru, Herakallu, Thekkalakote, Upparahosahalli hill block no. 1
	Koppal	Koppal	-	-	Kamanur
	Koppal	Kushtagi	-	-	Hanamsagar
Black Quarter	Mysore	Heggadadevank	N Begur	Shape file not found	Shape file not found
	Raichur	Devadurga	Bommanhalli	Bogiramana Gunda, Ganadhalu, Horahatti, Jalahalli, Kamaladhinni, Mudavygaddi, Mykaladoddi, Nagalapura, Somanamaradi, Thimmapura, Bandebavi, Yarajanthi, H. Siddapura, Bunkaladoddi, Bassapura	Aralahalli, Kurthakoti .D, Mukundha, Kengal, Salagundha, Chappalaki, Himparagundhi, Huligudda, Kakkaladhoddi, Karadigudda, Ooty, Parapura, Sunnadhakal, Yarakamanadoddi, Golapalli, Yalagatta, Pydhoddi, Chinchodi, Yaragudda, Mundirgi
Enterotoxaemia	Bagalkot	Bilgi	-	Katarki	Girisagar
	Shimoga	Shimoga	-	-	Suthu Kote

Foot And Mouth Disease	Bangalore	Bangalore Nor	Lakkenahalli	Ramakrishna Pura, Lakshmishagara, Kacha Nayakanahalli, Yarandahalli, Marasar, Hinnakki, Tirumagondana Halli, Igalaru, Rajapura, Hennagara, Chandapura, Kyalasanahalli, Neralar, Hullalige, Bommasandra, Ramasagara, Banahalli, Hosahalli, Kammasandra, Bailakonanahalli, Machohalli, Kittanahalli, Vaddarahalli, Ramakrishna Pura, Yellachikuppe, Lakshmishagara, Golliddana Halli, Kacha Nayakanahalli, Yarandahalli, Marasar, Hinnakki, Tirumagondana Halli, Igalaru, Rajapura, Hennagara, Chandapura, Kyalasanahalli, Neralar, Hullalige, Bommasandra, Ramasagara, Banahalli, Hosahalli, Kammasandra, Sigehalli, Kannehalli, Channanahalli, Kodagehalli, Hunnaganahatti, Kurubarahalli, Varattar, Giddanahalli, Kachohalli,	Virsandra, Yadavanhalli, Krishnasagar, Baligaranahalli, Avadenahalli, Soppanahalli, Muttanallar, Shingena Agrahara, Madivala, Ichangaru, Golla Halli, Jigani, Nanjapur, Alibommasandra, Bendiganahalli, Vabsandra, Adigondanahalli, Byagadaden Halli, Kan Imadiwala, Dodda Hagade, Lingapura, Sitanayakana Halli, Haragadde, Bandenalsandra, Guddehatti, Tirupalya, Sollepura, Shettihalli, Maragondana Halli, Hulimangala, Hebgodi, Gottamaranahalli, Narayanaghatta, Chintala Madivala, Gulimangala, Konappana Agrahara, Dodda Togar, Chikka Nagamangala, Dodda Nagamangala, Virsandra, Yadavanhalli, Karivobanahalli, Gaudhalli, Gollarapalya, Gangondanahalli, Krishnasagar, Baligaranahalli, Avadenahalli, Soppanahalli, Muttanallar, Shingena Agrahara, Madivala, Ichangaru, Golla Halli, Peddanapalya, Manganahalli, Nagasandra, Handrihalli, Jigani, Nanjapur, Alibommasandra, Bendiganahalli, Vabsandra, Adigondanahalli, Byagadaden Halli, Kan Imadiwala, Dodda Hagade, Lingapura, Sitanayakana Halli, Haragadde, Bandenalsandra,

				Mallasandra, Bayandahalli, Ravuttanahalli, Kambasandra, Ramapura, Varattar Narasimhapura, Bogiramana Gunda, Ganadhalu, Horahatti, Jalahalli, Kamaladhinni, Mudavygaddi, Mykaladoddi, Nagalapura, Somanamaradi, Thimmapura, Bandebavi, Yarajanthi, H. Siddapura, Bunkaladoddi, Bassapura	Guddehatti, Tirupalya, Sollepura, Shettihalli, Maragondana Halli, Hulimangala, Hebgodi, Gottamaranahalli, Narayanaghatta, Chintala Madivala, Gulimangala, Konappana Agrahara, Dodda Togar, Chikka Nagamangala, Dodda Nagamangala, Narayan Pura, Srikantapura, Muddayyana Palya, Sulikere, Kenchanapura, Gidadakonenahalli, Tavarekere, Devamachehalli, Jogarahalli, Gangenahalli, Hosahalli Gollarapalya, Hunnegere, Baichakuppe, Kadaranahalli, Lakkenahalli, Kenganahalli, Gavipalya, Lingadeeranahalli, Lakshmipura, Krishnasagara, Maragondanahalli, Ramapura, Ullalubasti, Patnageri Muncipality, Hosahalli, Lakkannahalli, Sandekuppa, Arekyatana Halli, Sivapura
	Bangalore Rural	Devanahalli	Byadarahalli	Viswanathapura, Na, Shettarahalli, Koyira, Bairasandra, Aravanahalli, Shyanapana Halli, Uganavadi, Chinna Kempanahalli, Kundana, Chikka Gollahalli, Anighatta, Mayasandra, Sonnenahalli, Bommavara, Tailakere, Devaganahalli,	Koira, Mantanlurchi, Kodimachenahalli, Nileri, Attibele, Venkatapura, Bandaramana Halli, Kottigethimmana Halli, Ilaore, Dandudasakodigehalli, Chapparadahalli, Naraganahalli, Bannamangala, Alaruguddanahalli, Rabbanahalli, Maligenahalli, Chikkobana Halli, Doddagollahalli, Kodagurki, Embrahalli, Singahalli,

				Ramanathapura, Solaru, Sayakanahalli, Vajarahalli, Bidalaru, Muddanayakanahalli, Managondana Halli, Chikkatimmanahalli, Gundihalli, Mishiganahalli	Uppara Halli, Doddappana Halli, Nagadenahalli, Dasarahalli, Konaghatta, Lingadhiragollahalli, Hire Amanikere, Guttahalli, Kannamangala, Pujanahalli, Palya, Jogihalli, Kempathimanna Halli, Arasanahalli, Dodda Chimanahalli, Hosahalli, Kempa Ligapur, Chikka Sanne Amanikere, Devanhalli Muncipality, Devanahalli, Vadera Halli, Madiganahalli, Karahalli, Chikka Sanne, Bairappanahalli, Bairadenahalli, Akkupette, Kasaba Plantation, Devasthana Amanikere, Linganahalli, Yerrappanahalli, Sonnamaranahalli, Gulya Nandigunda, Karahalli Amanikere
	Bangalore Rural	Nelamangala	-	-	Kachanahalli
	Chamarajanagar	Gundlupet	Heggadahalli	Agathagowdanahalli, Chikanapura, Garaganahalli, Hakkalapura, Halladhamadhahalli, Halladhapura, Hanchipura, Hunasanapura, Kallahalli, Raghavapura, Bannithalapura, Bendagahalli, Madarahalli, Malavalli, Vaddarahalli, Vasthilinganapura, Veeranapura	Amarahosahalli, Beguru, Bettadhamadhahalli, Hasagooli, Kabbahalli, Madhapatna, Parvathanapura, Sampigepura, Somahalli, Thaggaluru, Chikkathuppuru, Devalapura, Dhundasanapura, Honakahalli, Hosuru, Keelagere, Madahalli, Nalluru Amanikere, Nenekatte, Punjanahalli, Thalale, Kelasuru, Padaguru

	Chitradurga	Chitradurga	Issamudra	Ajjappanahalli, Arasuru, Basavana Shivanakere, Bedara Shivanakere, Beerapura, Chavalehalli, Chikkabennuru, Dyapanahalli, Gollarahalli, Haralakatte, Heggadehalu, Hirebennuru, J.I. Kasavanahalli, Jattalahalli, Kakabalu, Kalagere, Kodihalli, Kodirangavvanahalli, Kolahalu, Nellikatte, Pamarahalli, Yalagodu	Adavigollarahalli, Bahadurgatta, Beelangi, Bevinahalli, Bharamasagara, Byalahalu, Gurappanahalli, Halavudara, Halerangapura, Hampanuru, Heggare, Hemmanagatta, Hullehalu, Kariyannanahalli, Kenchavva Nagathihalli, Kogunde, Lingavva Nagathihalli, Nandihalli, Kallugunte, Chikkabbigere, Hirekabbigere
	Chitradurga	Hiriyur	-	-	Lakkavvanahalli
	Dakshina Kannada	Mangalore	-	-	Kotekara (CT)
	Davanagere	Davanagere	-	-	Doddabathi
	Hassan	Channarayapat	-	-	Marenahalli (OG), Shettihalli
	Hassan	Sakleshpur	Heggove	Shape file not found	Shape file not found
	Haveri	Shiggaon	Chiknellur, Hiremallur	Gundura, Jekinakatti, Karadagi, Manthrodi, Bannikoppa, Bannura, Chikkamallura, Ganjigatti, Kankanawada, Kengapura, Mugali, Shiggaov	Chillura, Hosaneeralagi, Jekinakatti, Madhapura, Mannura, Nandhihalli, Savanura, Theggihalli, Chakapura, Chikkanellura, Hanumanahalli, Hottura, Khursapura, Motalli, Hiremanakatte, Vanahalli, Belagali, Chikkamanakatte, Halagura, Kabanura, Kyalakonda
	Kodagu	Somvarpet	Nidtha	Hampapura, Kelakodli, Gangavara, Gopalapura, Hunasekayihosalli, Jagenahalli, Karugodu,	Shanthapura, Arakanahalli, Doddakodli, Hosahalli, Janardhanahalli, Kallalli, Kasuru, Keraganahalli, Kirikodli, Magadahalli,

				Kuruduvalli, Madhegodu, Monehalli, Mulluru, Nagavara, Ramenahalli, Vodeyarapura, Badabanahalli, Handli, Hebbuluse, Sampigedhalu, Ankanahalli, Chowdenahalli, Doddahalli, Gudugalale, Harehosuru, Harohalli, Hithlukeri, Kyathanahalli, Menasa, Mylathapura, Seegemarur, Shirangala, Sidigalale, Bettadhahalli, Malambi Forest, Syandalkote Forest	Mavinahalli, Neerugundha, Malaganahalli, Bettadhalli, Basavanakoppa, Dundalli, Gondhalli, Gowdalli, Heggula, Hemmane, Kanive Basavanahalli, Kenkare, Kooguru, Malambi, Nandhigundha, Shanthaveri, Shettyganahalli, Sulugalale, Aluru Reserve Forest, Thaluru, Avaredhalu, Bageri, Beekalli, Bellaralli, Hallibylu, Hosapura, Hulukodu, Kanagalu, Kerehalli, Kitthuru, Managale, Nakalagodu, Appasettyhalli, Chikkatholuru, Doddakolatthuru, Halukene, Hosagutthi, Hosahalli, Huluse, Jabekodi, Kajuru, Kysarahalli, Bidaruru, Mudravalli, Ammalli
	Mandya	Malavalli	-	-	Nelamakanahalli
	Mysore	Heggadadevank	Machare	Anegatti, Antharasanthe, Antharasanthe Kaval, Antharasanthe Plantation, Honnuru Kuppe, Manchagowdanahalli, Nerale, Nooralakuppe, Magge, Badanakuppe, Malali, Beechanahalli, Hosa Holalu, Jiyara, Sogahalli, Shingapatna, Kitthuru	Antharasanthe Kaval, Halemagge, Magudlu, Nilavagilu, Pura, Ragalakuppe, Yale Matthuru, Anegatti, Chowdahalli, Hirehalli, Hunasekuppe, Kollegowdanahalli, Machanayakanahalli, Mottha, Shiramanahalli, Shiranahundi, Agathuru, Bettadavare Hundi, Kandaegala, Bidarahalli, Sondipura, Kanakanahalli, Nishana, Belathur, Malaligaddhe, Jaganakote, Vuyyamballi
	Ramanagara	Kanakapura	Cheeluru	Dhammanakatte, Hanumapura, Kempohalli, Madhagondanahalli,	Kodihalli, Aladakatte, Bisalahalli, Biskuru, Byrapura, K.G. Krishnapura, Kannasandra, Kenchanapura,

				Maniganahalli, Narasandra, Vajarahalli, Byalakere, Dhubbagottige, Halashinganahalli, Hongekavalu, J.I. Nagashettihalli, J.I. Nayanayakanahalli, K.G. Hoojigallu, Kalari, Kodipalya, Hyaganahalli, Shivanasandra	Mallikunte, Maruru, Mutthusagara, Narasandra, Surappanahalli, Bychapura, Chandurayanahalli, Harthi, Hosahalli, J.I. Basavapatna, J.I. Gudepalya, J.I. Rangenahalli, J.I. Varadhohalli, J.I. Vitalapura, K.G. Aladakattepalya, K.G. Mavinakatte, Kalya, Kanchugaranahalli, Singripalya, Thaggikuppe, Upparthi, Arisinakunte, Chikkasoluru, J.I. Bydarahalli, J.I. Kalyanapura, Ombatthanakunte, Soluru, Somadevanahalli, Thubarapalya, Uddhandahalli, Anjanahalli, Doddamudigere, Doddasomanahalli, J.I. Annaihashastripalya, J.I. Machohalli, J.I. Raghunathapura, Janagere, Kempapura, Mallasandra, Marisomanahalli, Srinivasapura, Thippsandra, J.I. Nethenahalli, Kalarikavalu, Kanchanahalli, Belagumba
	Ramanagara	Ramanagara	-	-	Gopahalli, Ibbalakahalli
	Shimoga	Bhadravati	-	-	Balekatte, Kallahalli
	Tumkur	Koratagere	Malleshapura	Baleveeranahalli, Bukkapatna, Golladevanahalli, J.I. Jampenahalli, Jetty Agrahara, Thannenahalli, Chikkegowdanahalli, Chowlakunte, Doddenahalli, G.	Bychapura, Chennamuddanahalli, Gollahalli, Hanumanthagiri, J.I. Ahobala Agrahara, Jakkanahalli, Chennapatna, Doddathimmanahalli, Gondhihalli, Gowrikallu, J.I. Jagannathapura, J.I. Veerobanahalli, Jetty Agrahara, Kallugutugarahalli, Kambadhahalli, Bidaloti,

				Nagenahalli, Hanchihalli, Hanumanthapura, Huligondanahalli, Hulikunte, Kamarajanahalli, Kereyagalahalli, Kongenahalli, Koratagere, Moodlapenni, S.I. Bodabandenahalli, Navalakurike, Kallugutugarahalli	Chikkonahalli, J.I. Honnaranahalli, K.G. Sonnenahalli, S.I. Thummagonahalli, Thimmanahalli, A. Venkatapura, Chikkepalanahalli, Doddapalanahalli, Honnenahalli, Hosakote, Hulisoppanahalli, Kenganapalya, Mannuruthimmanahalli, Maragondanahalli, Sankenahalli, Bajjanahalli, Biradenahalli, Devarahalli, Ganteganahalli, Goravagondanahalli, Goravanahalli, Hosahalli, Kambadahalli, Kamenahalli, Madavara, Muggiranakaluve, Mugondanahalli, Musavanakallu, Obalidevarahalli, Thumbadi Gollahalli, Chigaranahalli, Baraka, Tharati Roppa
	Uttara Kannada	Kumta	Antravalli	Shape file not found	Shape file not found
Haemorrhagic Septicaemia	Davanagere	Channagiri	Kathalgere	-	Kanivebilchi, Thippagondanahalli
Lumpy Skin Disease	Bangalore	Bangalore Nor	Avverahalli, Bylakonenahalli, K G Lakkenahalli, Kachohalli, Kadabagere, Kittana Halli, Machohalli, Sondekoppa	Ramakrishna Pura, Lakshmisagara, Kacha Nayakanahalli, Yarandahalli, Marasar, Hinnakki, Tirumagondana Halli, Igalaru, Rajapura, Hennagara, Chandapura, Kyalasanahalli, Neralar, Hilalige, Bommasandra, Ramasagara, Banahalli, Hosahalli, Kammasandra,	Virsandra, Yadavanahalli, Krishnasagar, Baligaranahalli, Avadenahalli, Soppanahalli, Muttanallar, Shingena Agrahara, Madivala, Ichangaru, Golla Halli, Jigani, Nanjapur, Alibommasandra, Bendiganahalli, Vabsandra, Adigondanahalli, Byagadaden Halli, Kan Imadiwala, Dodda Hagade, Lingapura, Sitanayakana Halli, Haragadde, Bandenalsandra,

				Bailakonanahalli, Machohalli, Kittanahalli, Vaddarahalli, Ramakrishna Pura, Yellachikuppe, Lakshmisagara, Golliddana Halli, Kacha Nayakanahalli, Yarandahalli, Marasar, Hinnakki, Tirumagondana Halli, Igalaru, Rajapura, Hennagara, Chandapura, Kyalasanahalli, Neralar, Hilalige, Bommasandra, Ramasagara, Banahalli, Hosahalli, Kammasandra, Sigehalli, Kannehalli, Channanahalli, Kodagehalli, Hunnaganahatti, Kurubarahalli, Varattar, Giddanahalli, Kachohalli, Mallasandra, Bayandahalli, Ravuttanahalli, Kambasandra, Ramapura, Varattar Narasimhapura	Guddehatti, Tirupalya, Sollepura, Shettihalli, Maragondana Halli, Hulimangala, Hebgodi, Gottamaranahalli, Narayanaghatta, Chintala Madivala, Gulimangala, Konappana Agrahara, Dodda Togar, Chikka Nagamangala, Dodda Nagamangala, Virsandra, Yadavanahalli, Karivobanahalli, Gaudhalli, Gollarapalya, Gangondanahalli, Krishnasagar, Baligaranahalli, Avadenahalli, Soppanahalli, Muttanallar, Shingena Agrahara, Madivala, Ichangaru, Golla Halli, Peddanapalya, Manganahalli, Nagasandra, Handrihalli, Jigani, Nanjapur, Alibommasandra, Bendiganahalli, Vabsandra, Adigondanahalli, Byagadaden Halli, Kan Imadiwala, Dodda Hagade, Lingapura, Sitanayakana Halli, Haragadde, Bandenalsandra, Guddehatti, Tirupalya, Sollepura, Shettihalli, Maragondana Halli, Hulimangala, Hebgodi, Gottamaranahalli, Narayanaghatta, Chintala Madivala, Gulimangala, Konappana Agrahara, Dodda Togar, Chikka Nagamangala, Dodda Nagamangala, Narayan Pura, Srikantapura, Muddayyana Palya, Sulikere, Kenchanapura,

					Gidadakonenahalli, Tavarekere, Devamachehalli, Jogarahalli, Gangenahalli, Hosahalli Gollarapalya, Hunnegere, Baichakuppe, Kadaranahalli, Lakkenahalli, Kenganahalli, Gavipalya, Lingadeeranahalli, Lakshmipura, Krishnasagara, Maragondanahalli, Ramapura, Ullalubasti, Patnageri Municipality, Hosahalli, Lakkannahalli, Sandekuppa, Arekyatana Halli, Sivapura
	Hassan	Arsikere	Hosahalli	Bosmaranahalli, Halasuru, Kaganuru Coffee Estate, Kakkihalli, Karadibetta Estate, Karagodu, Kudidhale, Magge, Mutthige, Neragalale, Shiragavara, Hadya, Bembaluru, J.I. Harihalli, Kaganuru, Halliyuru, Navilahalli, Hemmige, Sulagodu	Abbana, Adabylu, Heragalale, Honkaravalli, Hulsanahalli, Hyduru, Kadluru, Kanave Basavanahalli, Kanigere, Kitthagere, Kodagathavalli, Mallapura, Yadehalli Nanjapura, Bilagaravalli, Thimmalapura, Baliganahalli, Nidigere, Kerodi, Magalu, Ballurupura, Bettahalli, Harohalli, Vasudevanahalli, Bigathuru, Bembaluru, J.I. Harihalli, Hanjalige, Bekkadi, Dhaturu, Thippapura, Dhythyapura, Madhagodu, Hitthalakere, Anigalale, Malagalale, Nagavara, Adharavalli, S.I. Heggove, Bharathuru, Huskuru, Magadihalli, J.I. Kelavalli, Illakere, S.I. Hennuru, S.I. Sulagodu Somapura, Hanashi, Hanase Estate, Ichalabeedu, Kalale, Kalale Estate, Aladhahalli, Basavanahalli, Bhagadhali, Bysuru, Dadadhahalli,

					Hondaravalli, Kelagalale, Magalu, Matthara, Nilakundha, Somapura, Holalagodu, Bandhiganahalli, S.I. Mallappanahalli, S.I. Shanubhoganahalli, Hennur Kongalale, Sunduvalli, Budhanuru, Bysuru Forest, Hippali, Itlapatna, Madhanuru, Yadeyuru
	Haveri	Ranibennur	-	Asundi, Guddadabevinahalli	Asundi
Peste Des Petits Ruminants	Bellary	Bellary	-	Orvai	-
	Bellary	Siruguppa	-	Ravihal	-
Sheep & Goat Pox	Bellary	Hagaribommana	-	Moregeri	-
	Bellary	Hospet	-	-	Devalapura
	Koppal	Gangawati	-	Hanwal	-
	Koppal	Koppal	-	-	Gabbur
	Tumkur	Madhugiri	-	-	Kantanahalli
	Tumkur	Tiptur	-	Ballekere	-

Note: While epicentre villages belong to the taluk specified, some moderate- and low-risk villages identified through 2 km and 5 km buffer analysis may extend into neighbouring taluk

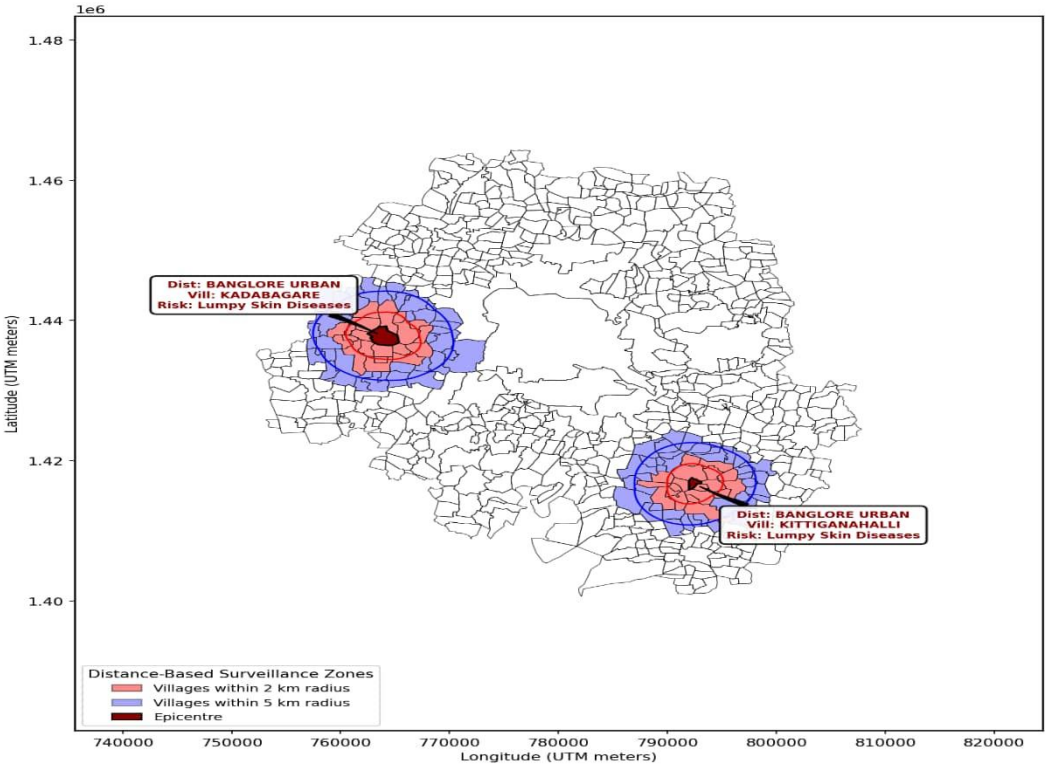


Fig 1: Spatial Risk Mapping of **Lumpy Skin Disease (**Kadabagare and Kittiganahalli**)** with 2 km and 5 km Buffer Zones in **Bangalore Urban** District, Karnataka.

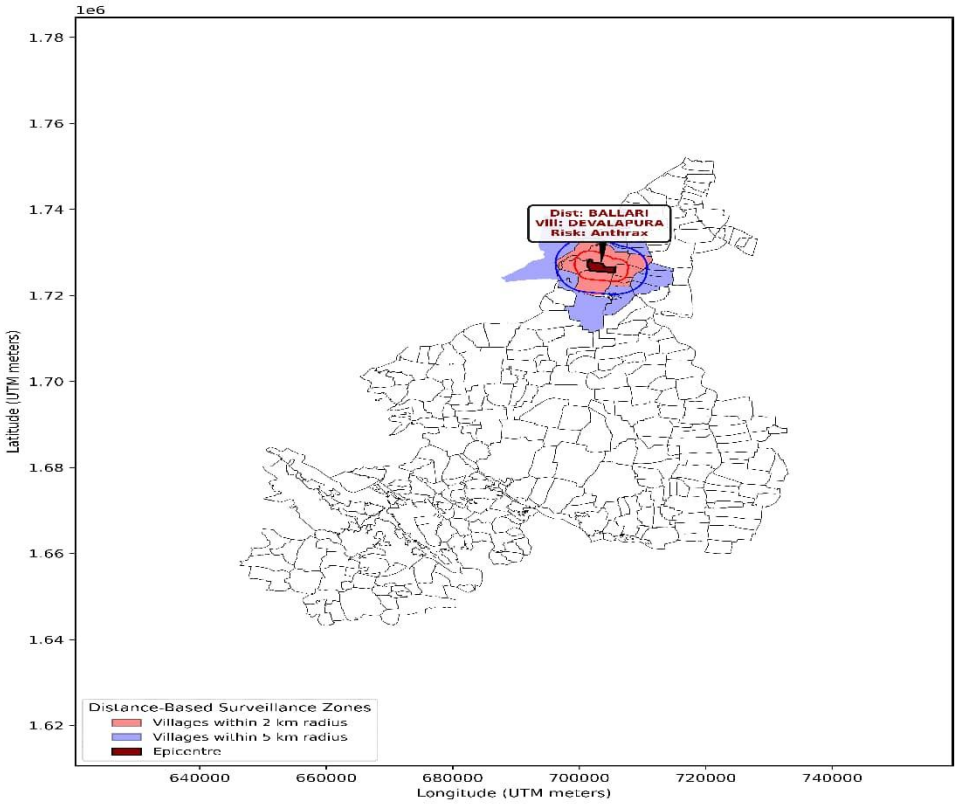


Fig 2: Spatial Risk Mapping of **Anthrax (**Devalapura**)** with 2 km and 5 km Buffer Zones in **Ballari** District, Karnataka.

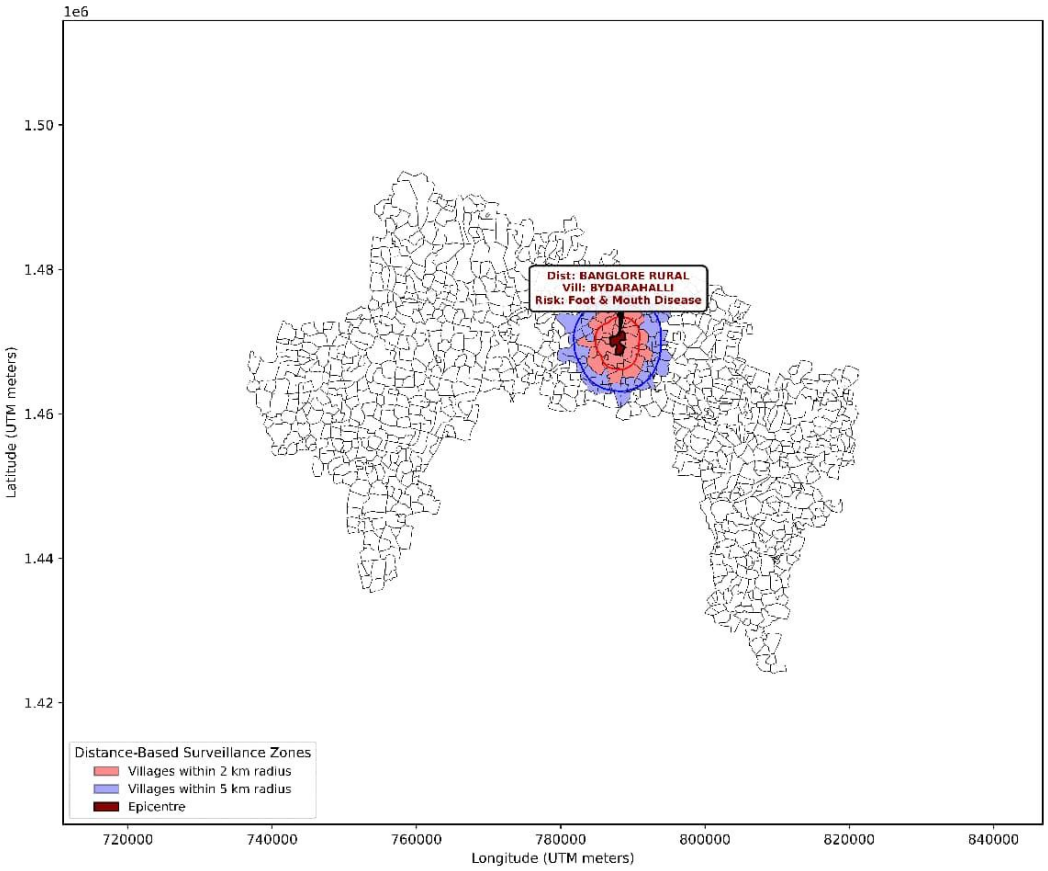


Fig 3: Spatial Risk Mapping of **Foot and Mouth Disease (**Bydarahalli**)** with 2 km and 5 km Buffer Zones in **Bangalore Rural** District, Karnataka.

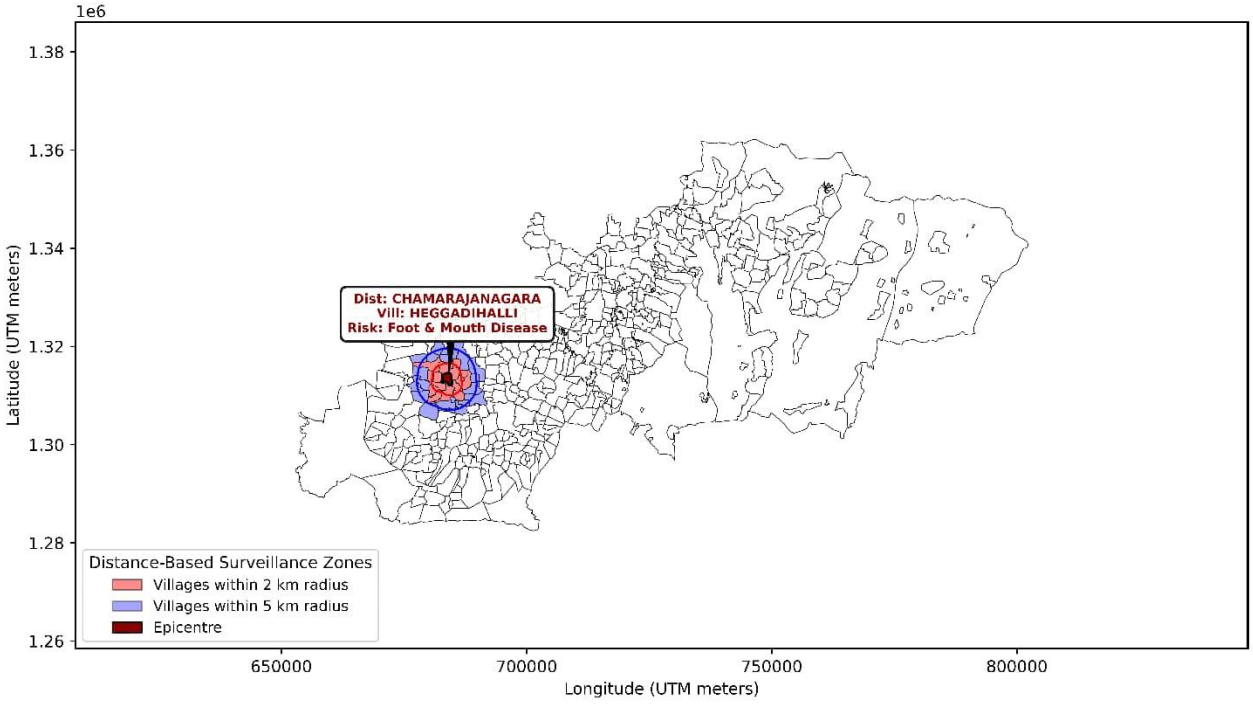


Fig 4: Spatial Risk Mapping of **Foot and Mouth Disease (**Heggadihalli**)** with 2 km and 5 km Buffer Zones in **Chamarajanagara** District, Karnataka.

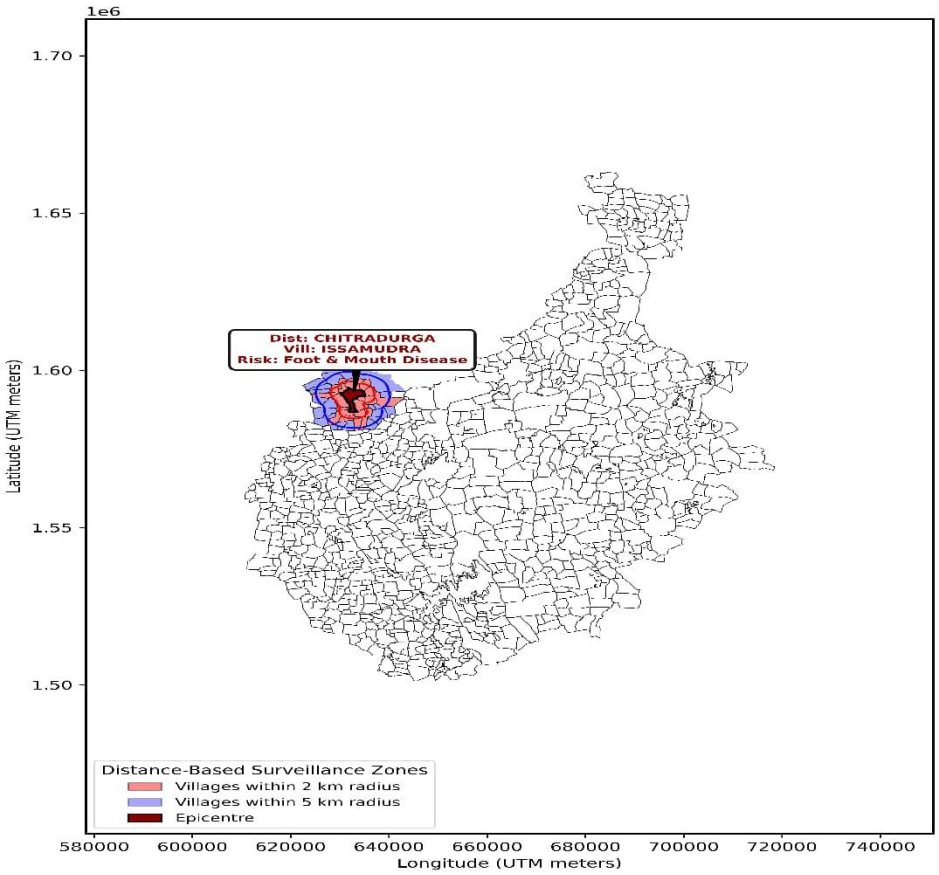


Fig 5: Spatial Risk Mapping of **Foot and Mouth Disease (**Issamudra**)** & Sheep & Goat Pox (Ballekere) with 2 km and 5 km Buffer Zones in **Chitradurga** District, Karnataka.

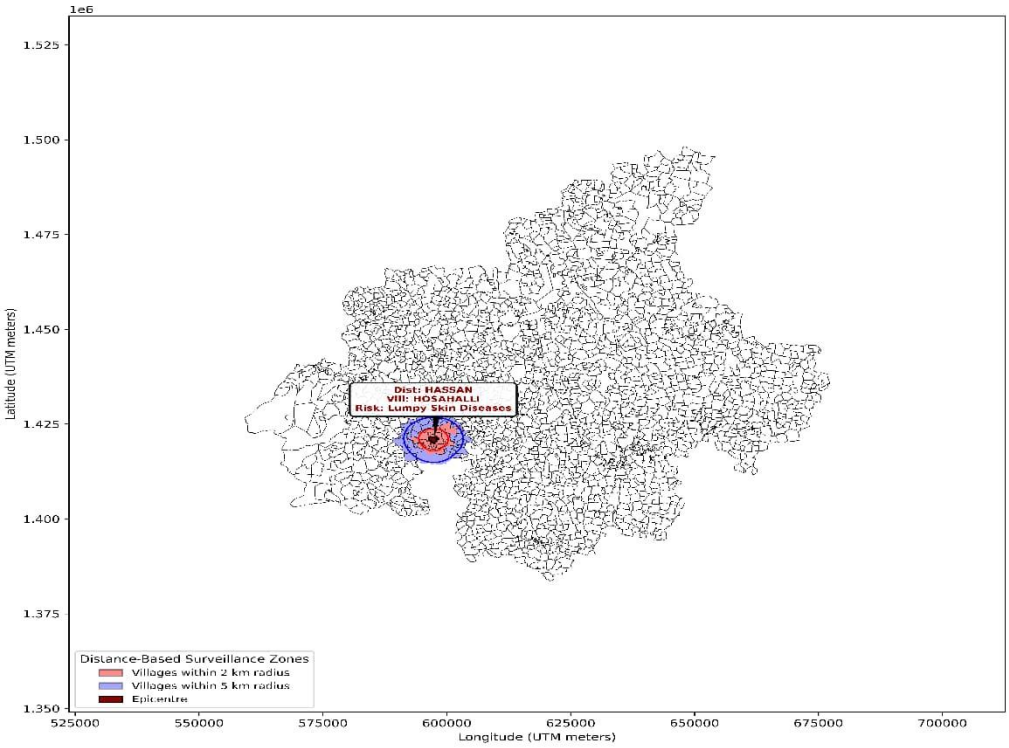


Fig 6: Spatial Risk Mapping of **Lumpy Skin Disease (**Hosahalli**)** with 2 km and 5 km Buffer Zones in **Hassan** District, Karnataka

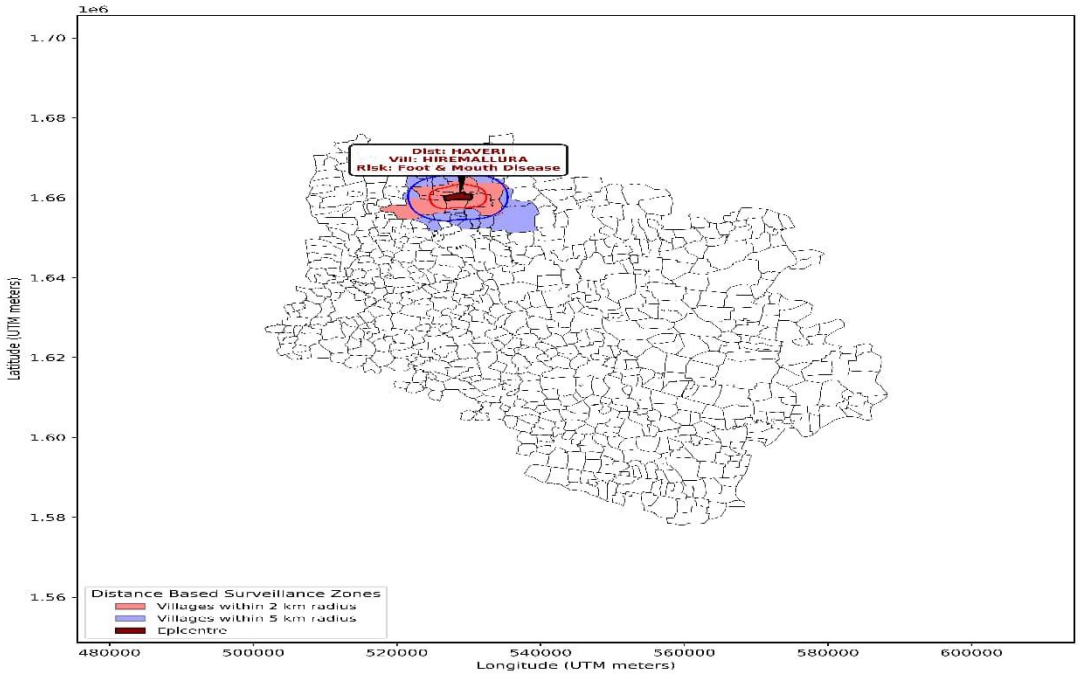


Fig 7: Spatial Risk Mapping of **Foot and Mouth Disease (**Hiremallura**)** with 2 km and 5 km Buffer Zones in **Haveri** District, Karnataka.

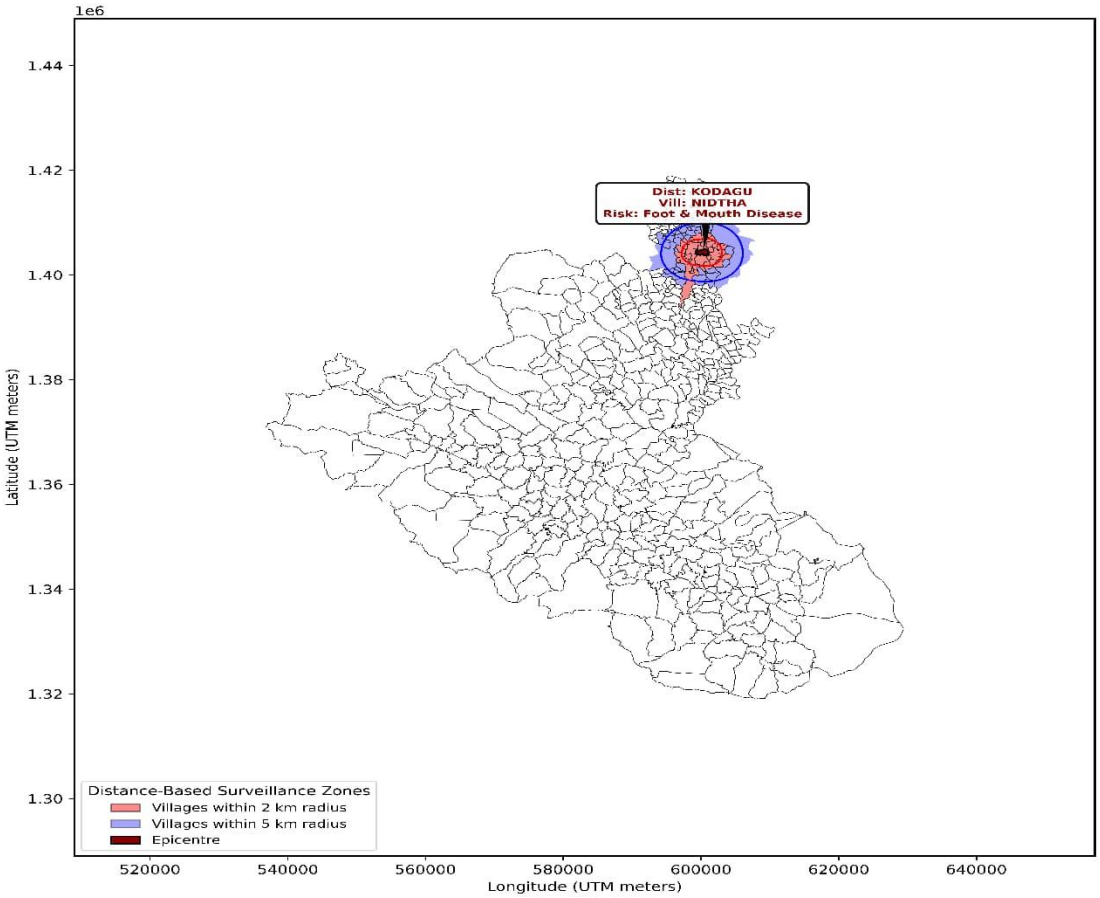


Fig 8: Spatial Risk Mapping of **Foot and Mouth Disease (**Nidtha**)** with 2 km and 5 km Buffer Zones in **Nidtha** District, Karnataka

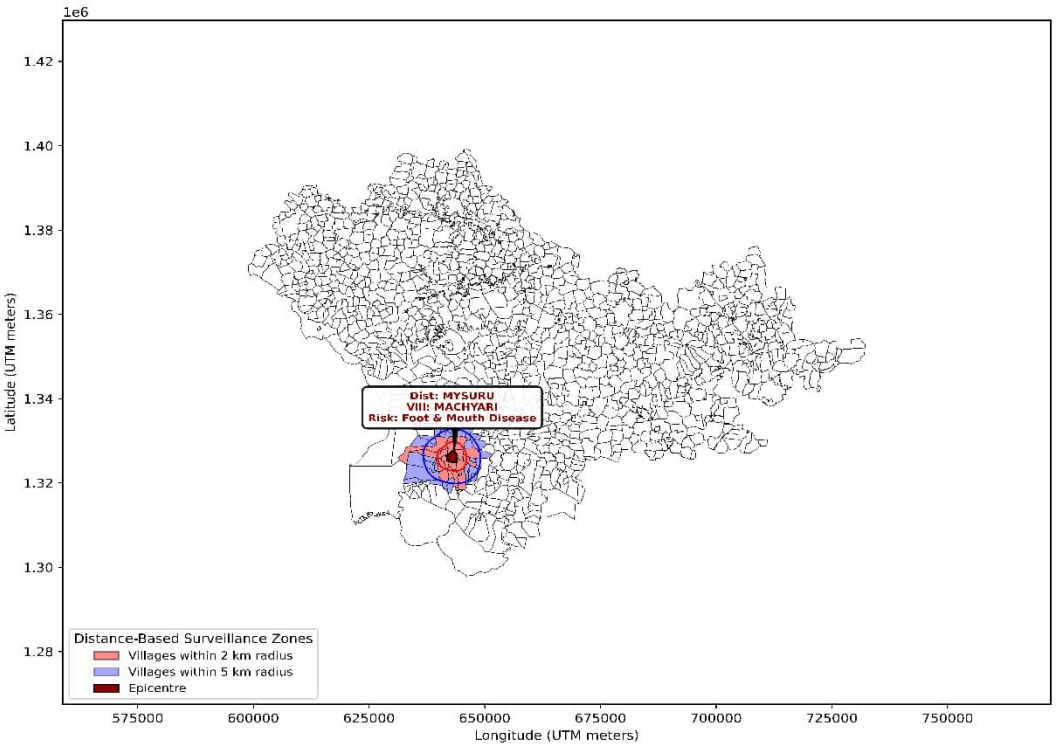


Fig 9: Spatial Risk Mapping of **Foot and Mouth Disease (**Machyari**)** with 2 km and 5 km Buffer Zones in **Mysore** District, Karnataka.

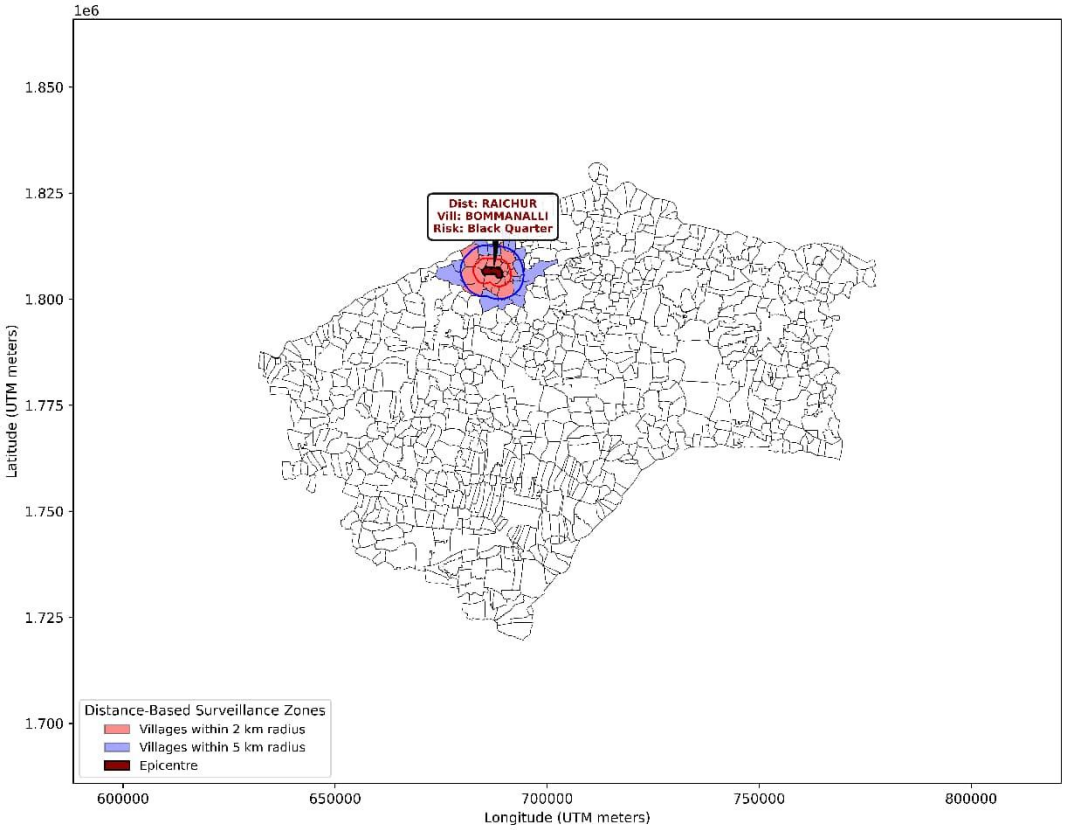


Fig 10: Spatial Risk Mapping of **Black Quarter (**Bommanahalli**)** with 2 km and 5 km Buffer Zones in **Raichur** District, Karnataka.

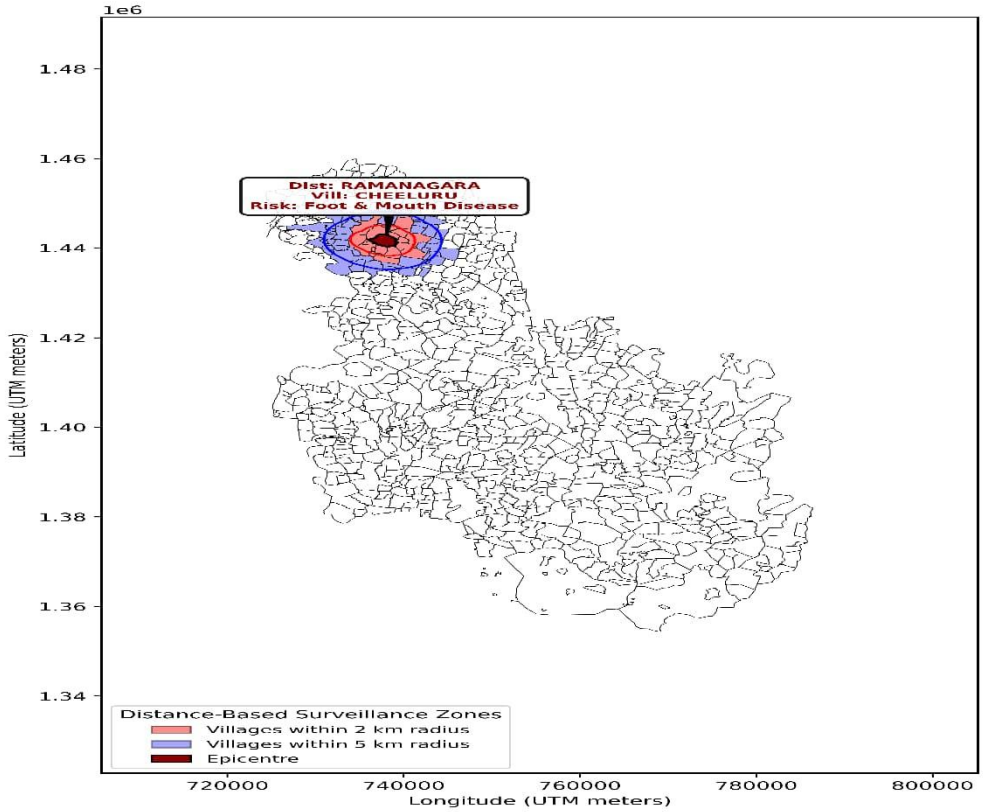


Fig 11: Spatial Risk Mapping of **Foot and Mouth Disease (**Cheeleru**)** with 2 km and 5 km Buffer Zones in **Ramanagara** District, Karnataka.

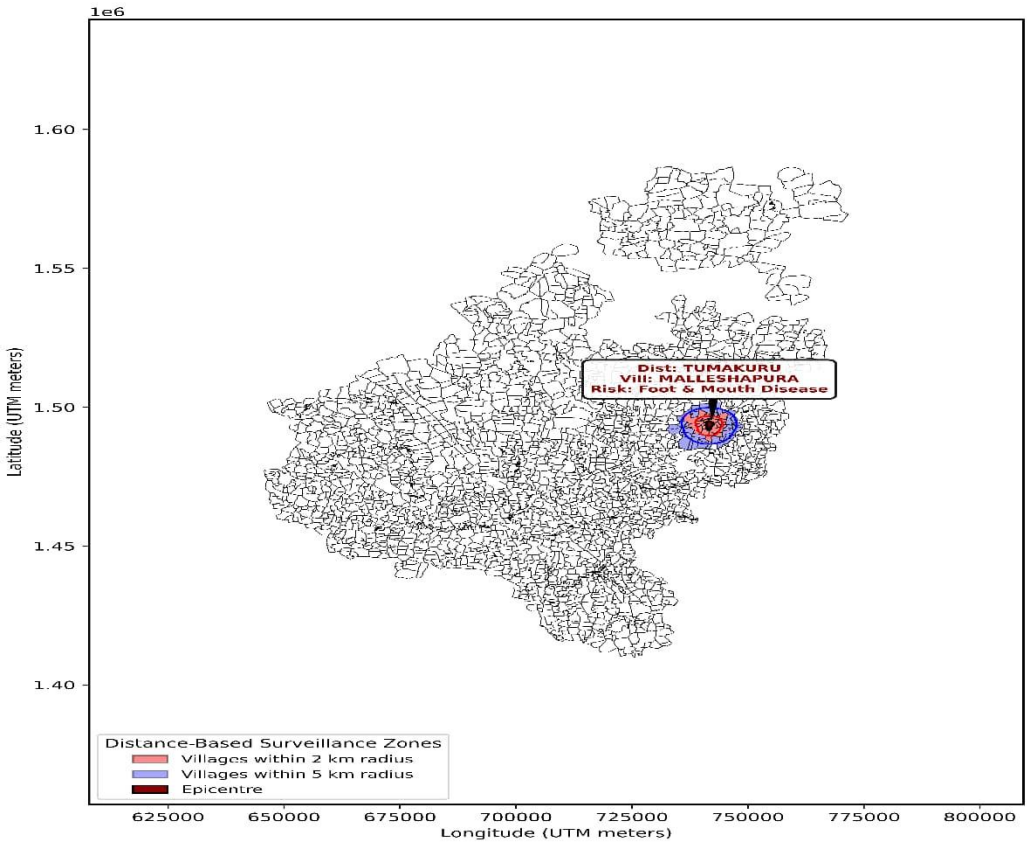


Fig 11: Spatial Risk Mapping of **Foot and Mouth Disease (**Malleshapura**)** with 2 km and 5 km Buffer Zones in **Tumkur** District, Karnataka.

4. Disease Risk Communication: Farmers Empowerment through Information Technology

I. Collaboration with FRUITS, NIC, Govt. Of Karnataka

In addition to NADRES V_2 (The National Animal Disease Referral Expert System), ICAR-NIVEDI collaborated with NIC, Govt. of Karnataka, Karnataka State, for sending the SMS alerts directly to the farmers who have registered in **FRUITS (Farmers Registration and Unified Beneficiary Information System)**. The information alerts on risk prediction of nine livestock diseases were sent through SMS to farmers is presented in Table A. During **March 2026**, a total of **32,76,256** SMS alerts were sent to farmers.

Table A: Number of famers received the SMS alert through the FRUITS application during **March 2026**

Disease	Districts	Number of Farmer Received SMS	Disease	Districts	Number of Farmer Received SMS
Anthrax	Ballary	4253	**Lumpy Skin Disease**	Bidar	14175
Anthrax Black Quarter	Chitradurga	27220		Chamrajnagar	36488
	Dakshina Kannada	44790		Chikmagalur	23604
	Chikkaballapur	51710		Chitradurga	27222
	Kolar	41525		Dakshina Kannada	44793
	Koppala	25189		Davangere	40416
	Mysore	150083		Gulbarga	10931
	Tumkur	126200		Hassan	108894
	Chikmagalur	23604		Haveri	40826
Black Quarter Fasciolosis	Yadgir	557		Mandya	142864
	Mysore	150083		Mysore	150095
	Bagalkot	31083		Raichur	9058
Fasciolosis Foot and Mouth Disease	Chitradurga	27222		Tumkur	126203
	Davanagere	40416		Uttar Kannada	20376
	Gulbarga	10931		Bijapur	7461
	Haveri	40826	**Theileriosis**	Bellary	4253
	Mysore	150083		Bagalkot	31083
	Tumkur	126201		Chikkaballapur	51717
	Mysore	150083		Davangere	40416
Foot and Mouth Disease Haemorrhagic Septicaemia	Bellary	4253		Haveri	40826
	Bangalore Rural	44290		Koppal	25189
	Chamrajnagar	36487		Raichur	9056
	Chikkaballapur	51717		Tumkur	126203
	Chitradurga	27222		Bijapur	7460
	Dakshina Kannada	44793	**Trypanosomiasis**	Bagalkot	31083
	Gadag	19945		Bellary	4253
	Gulbarga	10931		Chikkaballapur	51717
	Kolar	41525		Davangere	40416
	Koppal	25189		Haveri	40826
	Mysore	150094		Koppal	25,189
	Raichur	9057		Raichuru	9056
	Bagalkot	31083		Tumkur	126203
Haemorrhagic Septicaemia	Davangere	40416		Bijapur	7460
	Haveri	40826		Yadgir	557
				Total:	**32,76,256**

II. Distributed Ledger Technology (DLT)

In September 2024, ICAR-NIVEDI expanded its livestock disease risk communication initiative by integrating Distributed Ledger Technology (DLT) from **Jio**, utilizing the Fast2SMS platform to target veterinary professionals within States. This advanced service is designed to provide veterinarians with real-time, reliable, and secure information on livestock disease outbreaks. By leveraging **DLT**, the initiative ensures efficient and authenticated dissemination of critical data, enabling frontline veterinary professionals to respond promptly and effectively to emerging disease threats, thereby enhancing livestock health and management across districts.

In September 2024, ICAR-NIVEDI disseminated a total of **1,848** SMS alerts to veterinary professionals in Karnataka, leveraging Distributed Ledger Technology (DLT) for effective communication. By December 2024, the initiative was expanded to include additional states of India, ensuring broader coverage. In December 2024, the service was further scaled to encompass 21 states, significantly enhancing the reach of disease risk communication to veterinarians across these regions. The distribution of SMS alerts during **March 2026** is detailed in Table B, which outlines the number of alerts sent to veterinarians. During this period, a total of **14,582** SMS alerts were successfully disseminated, reinforcing commitment to providing timely and critical disease risk information to veterinary professionals.

Table B: Number of veterinary doctors received the SMS alert through DLT during **March 2026**

SI No.	State Name	Total Number of Veterinary Doctors
1.	**Andaman and Nicobar Island**	20
2.	**Andhra Pradesh**	315
3.	**Arunachal Pradesh**	78
4.	**Assam**	315
5.	**Bihar**	324
6.	**Chhattisgarh**	285
7.	**Goa**	56
8.	**Gujarat**	682
9.	**Haryana**	308
10.	**Jharkhand**	928
11.	**Karnataka**	3235
12.	**Kerala**	1917
13.	**Madhya Pradesh**	171
14.	**Manipur**	61
15.	**Meghalaya**	29
16.	**Mizoram**	64
17.	**Odisha**	709
18.	**Telangana**	217
19.	**Tripura**	198
20.	**Uttar Pradesh**	2310
21.	**Uttarakhand**	476
22.	**West Bengal**	1644
TOTAL		**14,582**

ICAR - National Institute of Veterinary Epidemiology and Disease Informatics

Customer/Client Feedback Form

Feedback for the Livestock Diseases Risk Forewarning Bulletin of April 2026, Volume 14 and Issue 04

(Please return this duly filled in after receiving the outbreak report of June 2026)

1. Details of the number of districts with diseases reported vs. forecast in your state.

Sl. No	Disease Name	No. of districts in which outbreaks occurred but not alerted**	Measures taken in case of disease forecasted: Yes or No.**	Any other
Large ruminants' diseases				
1.	Anthrax			
2.	Black Quarter			
3.	Haemorrhagic Septicaemia			
4.	Babesiosis			
5.	Fasciolosis			
6.	Foot and mouth diseases			
7.	Lumpy Skin Disease			
8.	Theileriosis			
9.	Trypanosomiasis			
Small ruminants' diseases				
1.	Enterotoxaemia			
2.	Bluetongue			
3.	Peste des Petits Ruminants			
4.	Sheep & Goat pox			
Pig diseases				
1.	African Swine Fever			
2.	Classical Swine Fever			

** Please include the details for the remaining months that haven't been provided yet.

2. **What are the preventive measures taken in case of predicted outbreaks?**

3. **How would you rate your satisfaction with the following aspects of the services you have received or accessed?**

Description	**Very satisfied**	**Satisfied**	**Unsatisfied**	**Not sure**
Quality of services provided				
Timeliness of alerts received				
Benefits from forecasting of livestock diseases				
Your awareness of this service				

4. **Suggestions for further improvement of report.**

Sign and Name with Designation

NADEN Centre:

Date

THE NEW INDIAN EXPRESS

Blackbuck deaths: Alert issued in Sept

BALA CHAUHAN @Bengaluru

THE death of 31 blackbucks at the Kittur Rani Chennamma Mini-zoo (KRCM) in Belagavi may have been prevented if the authorities concerned had paid heed to the first alert of a possible breakout of Hemorrhagic Septicemia (HS), said to be issued in September this year.

TNIE has reliably learnt that in September, the National Animal Disease [illegible] System [illegible] by ICAR-National Institute of Veterinary Epidemiology & Disease Informatics (NIVEDI), Bengaluru, had reportedly predicted a possible outbreak of HS — a bacterial infection among livestock and wildlife — in Belagavi district based on several parameters including climate variables.

"NADRES-NIVEDI had issued a 'Vet Alert' to the State Animal Husbandry Department and all [illegible] veterinarians, in September and repeated the advisory again this month," highly-placed sources on condition of anonymity told this newspaper. "HS could have been managed without fatalities if timely and appropriate precautions were taken. All forms of communication channels; from hard copies and soft copies to SMS are used to send early warning/advisories to all [illegible]

THE NEW INDIAN EXPRESS
KARNATAKA
06 BENGALURU TUESDAY 18.11.2025

BLACKBUCK DEATH TOLL IN BELAGAVI ZOO TOUCHES 31

Officials' laxity suspected, as infection appears to have spread unchecked for days

NAUSHAD BIJAPUR & SUNIL PATIL @Belagavi

IN what experts describe as India's largest blackbucks mass death, the toll of the protected antelope species at Belagavi's Rani Channamma Mini Zoo has shot up from 8 to 31 in a span of only three days. With the seven remaining blackbucks battling for life, veterinarians fear the toll may climb further.

The suspected outbreak of haemorrhagic septicaemia (HS) – a fast-spreading bacterial infection – has raised concerns about zoo officials' negligence. Sources said the infection appears to have spread unchecked for days before containment began – a lapse now under scrutiny.

Virologist Dr Chandrashekhar said "There were extensive haemorrhagic lesions, suggesting a bacterial infection. Blackbucks are extremely sensitive, and even a sudden temperature drop or stress can speed up mortality," he said.

Karnataka Zoo Authority Chairman K Rangaswamy, who visited the enclosure on Monday, said, "There seems to be negligence at multiple levels. The veterinary and forest staff failed to respond when the first deaths occurred."

Rangaswamy said action will be taken once the final laboratory results confirm the cause of death. He also briefed District In-charge Minister Satish Jarkiholi and said further review meetings will be held with senior forest officials.

With a total of 226 animals housed inside the facility, including tigers, lions, leopards, hyenas, bears, crocodiles and deer species, experts have warned the infection could spread unless strict emergency protocols are enforced immediately.

Inside the infected enclosure, blackbucks were being fed a diet consisting of groundnut meal, lentils like soaked green gram and horse gram, carrots and napier grass. Whether the feed, water source, vector contamination, enclosure hygiene or staff handling contributed to the outbreak remains under investigation. "This scale of mortality is unprecedented. It should serve as a wake-up call. These animals can die within days unless immediate containment measures are taken," an expert said.

INMATES HEADCOUNT

TOTAL ANIMALS	226
BLACKBUCKS	38
DEATH TOLL	31
CRITICALLY ILL	07

Suspected cause: Haemorrhagic septicaemia

'Climate change, lack of hygiene behind infection'

CONTINUED FROM PAGE 1

"THE reasons for the spread of HS, which is a bacterial infection, include stress due to climate change (weather fluctuations, sudden dip in temperature), lack of good, clean shelters, hygiene etc. Animals develop respiratory distress due to weather fluctuations leading to HS. There are vaccines for the bacterial infection. An animal with HS should be isolated from the rest to prevent its spread," said sources. HS, however, is not a zoonotic disease.

The NADRES advisory included several preventive measures, including "disease surveillance, enforcing strict biosecurity protocols, controlled access, equipment disinfection and quarantine for newly introduced animals, vaccinating animals in endemic zones to prevent outbreaks, ensuring age-appropriate and serotype-specific vaccinations; conducting ring vaccination campaigns within a 5km radius in affected areas using suitable vaccines for specific diseases; administering primary vaccinations at the recommended age, followed by booster doses annually or as advised."

NADRES-NIVEDI was developed in 2015 to forecast potential threats (to livestock and wildlife) from pathogens two months in advance to provide the stakeholders a sufficient time line for awareness and preparedness to act.

"Disease surveillance has a significant contribution towards animal health and helps in taking precautionary measures during disease epidemics. NADRES is a weather-based forewarning system enabled with artificial intelligence (AIML) system developed by ICAR- NIVEDI that forecasts potential threats from pathogens two months in advance with 95 percent accuracy to provide the stakeholders sufficient time line for awareness and preparedness to act," said sources.

ICAR-National Institute of Veterinary Epidemiology and Disease Informatics

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