



**U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya
Evam Go-Anusandhan Sansthan (DUVASU), Mathura**

उ.प्र. पंडित दीन दयाल उपाध्याय पशुचिकित्सा विज्ञान विश्वविद्यालय एवं गो-अनुसन्धान संस्थान (दुवासु), मथुरा



Metric No.- 7.2.1

Best Practice- 02

**Services to Animal Keeper at their
Doorstep**





Practice 2

1. Title of the Practice: Services to animal keeper at their doorstep

2. Objectives of the Practice

The food security to society is provided through agriculture however, nutritional security is provided through animal produce. However, animal keepers usually belong to lowest strata of the society and it is difficult for them to avail veterinary services conveniently. Thereby putting them in disadvantageous position. To increase productivity of animals and to uplift economic condition, it is essential that health of animals be maintained in optimum condition. To achieve this objective, University carries out a clutch of activities to cater to the demand of these animal keepers.

3. The Context

Food producing animals provide economic welfare to animal keeper and act as 'Any Time Money'. They can sell produce or they may sell the animal itself to generate resources for meeting demands of their household. Hence, it is essential that production and productivity of the animals be maintained optimally for higher returns to the animal keeper and improve his/ her economic condition. In rural setup, due of financial considerations, animal health is the first casualty. Further, treatment of animals is on a lower priority. Hence, as a measure of animal welfare and as a mode of extending health care facilities to animals, to improve the production, University carries out many activities to alleviate these sufferings of the animal and animal keeper.

4. The Practice

As part of community service programme, a variety of veterinary related activities were carried out in villages by the University. University conducts focused extension activities like:

1. Ambulatory Services
2. Treatment camps
3. Disease surveillance
4. Awareness and training programmes

These activities are carried out through University referral hospital in conjunction with clinical and paraclinical departments apart from extension directorate. Through these activities not only the economic burden on the farmer is reduced but also productivity and production of animals is enhanced. These efforts have exceptionally served the objectives and incidence of disease burden, especially communicable diseases, has declined. Through these activities University has provided services to farmers even in non-serviceable areas. Moreover, cases which cannot be brought to the clinics, like dystocia or where animal cannot travel have also been catered to. University stepped in efficiently and issued an advisory for the benefit of the farmers during Lumpy Skin Disease (LSD) epidemic afflicting cattle and



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buffaloes. Moreover a LSD diagnostic laboratory was established promptly and about 507 samples from different corners of Uttar Pradesh were handled for diagnosis. These activities are carried out combining them with activities of outreach programmes of external funding agencies, RKVY and disease control programmes. To enhance the learning outcomes of the students, ambulatory programme has been included as a part of Veterinary Clinical Practice course during final year of Undergraduate programme. Mathura is house to a large number of Goshalas. Through these activities the veterinary as well as the animal husbandry requirements of these goshalas are also catered through. This activity not only provides benefit to the animal keeper but another non-tangential benefit of such programmes is training of students in rural conditions. The students providing treatment to the animals in actual working conditions also give them an understanding of their future conditions, thereby giving them actual hands-on experience with social impact. This also inculcates values of empathy for the animals, animal keeper and rural masses.

5. Evidence of Success

The success of such programmes cannot be gauged in terms of economic benefits, however, the benefit to the farmer in terms of saving the life of his/ her livestock, economic welfare of the animal keeper, training to the students, catering to the requirements of goshala are some tangible outcomes. One recent and major success story is control of Lumpy Skin Disease epidemic in cattle and buffaloes. The timely advisory issued for the benefit of the farmers and providing timely and efficient laboratory diagnostic services has helped the state to avert a major crisis.

6. Problems Encountered and Resources required

Major issues encountered in this endeavor has been

1. Financial constraints
2. Trained and dedicated human resource for carrying out this activity in more coordinated fashion.
3. Greater involvement of line departments for providing timely information



Activities carried out for benefit of farmers

University provides a variety of services for the benefit of the farmers at their doorstep. These activities are not only carried out in adopted villages, but also on demand of farmers and other organizations. Broadly the activities are:

1. **Animal Ambulance Services:** Ambulance with doctors and support staff is sent for treatment of cases in villages. Similarly, on demand the ambulance is sent for picking up the cases where specialized services are required to be provided at our hospital
2. **Treatment Camps:** Special camps are organized for treatment of animals in villages. This is a regular feature, through which specialized services are provided to animal keeper at their doorstep.
3. **Disease Surveillance:** Team of specialists are sent to villages for conducting surveys and sample collection from animals for surveillance of diseases. Through one of the flagship programmes- FMD control programme, the samples are collected from far off places. Similarly, specialized laboratories- LSD diagnostic laboratory has been developed and identified by ICAR for providing LSD diagnostic facility through RT-PCR testing
4. **Training/ Awareness campaigns:** Team of doctors and support staff conduct regular campaigns in villages to create awareness about various diseases afflicting animals. These camps not only provide information about the diseases which can affect animals but also the diseases which have zoonotic importance like rabies thereby preventing spread of many diseases in human population.



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Visits conducted: Animal Ambulance services

| | | |
|-----|------------------|---|
| 1. | 12.05.2023 | Vrindavan, Mathura |
| 2. | 25.04.2023 | Balajipuram, Mathura |
| 3. | 19.03.2023 | Village Semra, Block Khandauli, Tehsil Etmadpur, Agra |
| 4. | 15.03.2023 | Village Farah, Mathura |
| 5. | 10.02.2023 | Mayur Vihar, Mathura |
| 6. | 02.02.2023 | Machli Phatak, Mathura |
| 7. | 17.12.2022 | Village Madhurikund |
| 8. | 09.09.2022 | Krishna Nagar, Mathura |
| 9. | 18.04.2022 | Village Rudgela, Baldeo, Mathura |
| 10. | 23.03.2022 | Mayur Vihar, Mathura |
| 11. | 21.03.2022 | Mayur Vihar, Mathura |
| 12. | 14.03.2022 | Village Jikhangaon, Mathura |
| 13. | 24.02.2022 | Village Shahzadpur, Mathura |
| 14. | 03.01.2022 | Deen Dayal Dham, Farah, Mathura |
| 15. | 25.12.2021 | Village Bharnakhurd, Mathura |
| 16. | 07.12.2021 | Agra |
| 17. | 07.12.2021 | Balajipuram, Mathura |
| 18. | 26.11.2021 | Mandi Samiti, Kosikalan, Mathura |
| 19. | 30.10.2021 | Nagla Chanderbhan, Farah, Mathura |
| 20. | 31.08.2021 | Village Dhana Sahmsabad, Refinery, Mathura |
| 21. | 26.08.2021 | Village Shahzadpur, Mathura |
| 22. | 06.08.2021 | Village Madhurikund |
| 23. | 20.07.2021 | Village Dhana Sahmsabad, Refinery, Mathura |
| 24. | 29.06.2021 | Village Dhana Sahmsabad, Refinery, Mathura |
| 25. | 09.06.2021 | Village Dhana Sahmsabad, Refinery, Mathura |
| 26. | 04.06.2021 | Village Dhana Sahmsabad, Refinery, Mathura |
| 27. | 20.04.2021 | Gokul Bairaj Road, Laxmi Garden, Mathura |
| 28. | 22.03.2021 | Village Dhana Sahmsabad, Refinery, Mathura |
| 29. | 06.03.2021 | Village Barari, Block Farah |
| 30. | 02.02.2021 | Village Churmura, Mathura |
| 31. | 18.01.2021 | Goverdhan Chauraha, Mathura |
| 32. | 16.01.2021 | Sadar Mathura, Mathura |
| 33. | 15.01.2021 | ATV Nagar, Jaigurudev Ashram, Mathura |
| 34. | 20.10.2020 | Sadar Mathura, Mathura |
| 35. | 20.08.2020 | Village Dhana Sahmsabad, Refinery, Mathura |
| 36. | 10.05.2020 | Dhauri Piayu, Mathura |
| 37. | 20 to 24.02.2020 | Saharanpur |
| 38. | 15.02.2020 | Barsana, Mathura |
| 39. | 03.02.2020 | Village Madhurikund, Mathura |
| 40. | 19.01.2020 | Akbarpur, Mathura |
| 41. | 27.12.2019 | Village Khanpur, Block Chatta, Mathura |
| 42. | 21 to 22.12.2019 | Deoria |
| 43. | 21.12.2019 | Block Bhitarkhand, Kanpur Nagar, Kanpur |



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| | | |
|-----|------------|--|
| 44. | 11.12.2019 | Agra |
| 45. | 10.12.2019 | Village Bhainsa, Mathura |
| 46. | 07.08.2019 | Vrindavan, Mathura |
| 47. | 06.08.2019 | Village Manakpur, Sadabad |
| 48. | 29.05.2019 | Nagla Chandrabhan, Block Farah, Mathura |
| 49. | 14.05.2019 | Village Dhana Sahmsabad, Refinery, Mathura |
| 50. | 08.05.2019 | Village Dhana Sahmsabad, Refinery, Mathura |
| 51. | 30.04.2019 | Village Samaspur, Mathura |
| 52. | 15.03.2019 | Krishna Dham Colony, Aurangabad, Mathura |
| 53. | 12.03.2019 | Hasanand Goshala, Vrindavan |
| 54. | 05.03.2019 | Hasanand Goshala, Vrindavan |
| 55. | 28.02.2019 | Panchayati Goshala, Vrindavan |
| 56. | 18.02.2019 | Nagla Chanderbhan, Farah, Mathura |
| 57. | 14.02.2019 | Panchayati Goshala, Vrindavan |
| 58. | 13.02.2019 | Village Paintha, Block Goverdhan, Mathura |
| 59. | 11.02.2019 | Nagla Chanderbhan, Farah, Mathura |
| 60. | 07.02.2019 | Panchayati Goshala, Vrindavan |
| 61. | 05.02.2019 | Hasanand Goshala, Vrindavan |
| 62. | 04.02.2019 | Nagla Chandrabhan, Block Farah, Mathura |
| 63. | 10.01.2019 | Vrindavan, Mathura |
| 64. | 08.01.2019 | Village Bhainsa, Mathura |
| 65. | 31.12.2018 | Vikas Nagar, Mathura |
| 66. | 24.12.2018 | Village Badi, Dholpur |
| 67. | 19.12.2018 | Dhauri Piayu, Mathura |
| 68. | 21.11.2018 | Etawa, Chambal |
| 69. | 16.10.2018 | Village Dhana Sahmsabad, Refinery, Mathura |
| 70. | 04.10.2018 | Farah, Mathura |
| 71. | 27.09.2018 | Vrindavan, Mathura |
| 72. | 15.09.2018 | Village Dhana Sahmsabad, Refinery, Mathura |
| 73. | 15.09.2018 | Village Badi, Dholpur |
| 74. | 07.09.2018 | Nagla Chandrabhan, Block Farah, Mathura |
| 75. | 07.09.2018 | Village Badi, Dholpur |
| 76. | 05.09.2018 | Sadar Mathura, Mathura |
| 77. | 23.07.2018 | Narhauli, Near Goverdhan Palace, Mathura |
| 78. | 17.07.2018 | Village Luhara, Block Farah, Mathura |
| 79. | 03.07.2018 | Village Dhana Sahmsabad, Refinery, Mathura |
| 80. | 17.03.2018 | Village Bachhgaon, Block Narkhi, Firozabad |
| 81. | 10.03.2018 | Village Sitapur, Block Iglas, Aligarh |
| 82. | 07.03.2018 | Village Baguli, Block Mursan, Hathras |
| 83. | 18.09.2017 | Araji Lines, Varanasi |



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Visit: Disease Outbreak surveillance

| S. No. | Date | Place |
|--------|------------|--|
| 1. | 16.10.2022 | Village Parkham, Block Farah, Mathura |
| 2. | 11.04.2022 | Kanha Gaushala Chayal, District Kaushambi |
| 3. | 02.04.2022 | Village Kodwa, Kanpur Rural, Kanpur |
| 4. | 04.03.2022 | Village Agwanpur, Village Kuda Mirpur, Village Sandalipur Village, Pachokara Village Sanjarpur District Moradabad |
| 5. | 11.01.2022 | Shri Bihar Van Goshala, Tatiya Marg, Vrindavan, Mathura |
| 6. | 29.09.2021 | Village Paran Block Kunda, Azamgarh |
| 7. | 06.09.2021 | Village Bankner, Khair Aligarh and Village Detasaidpur, Chandose, Aligarh |
| 8. | 03.09.2021 | Village Kohn and Village Piprauth, Mathura |
| 9. | 24.08.2021 | Village Sujapur, Village Akhtyarpur, Village Guthawali Tikari, Village Semali, Village Hyderabad, Bulandshahar |
| 10. | 11.08.2021 | Village Aseelpur, Village Amarsinghpur, Village Gajipur block Parikshitgarh Meerut |
| 11. | 10.08.2021 | Village Rawa, Block Janikhurd, Village Kamalpur, Village Maukhas Block Meerut District Meerut |
| 12. | 04.04.2021 | Govardhan Block Mathura |
| 13. | 23.03.2021 | Village Orchi, Village Parmanandpur, Village Gangauli, Village Kanuakhera, Block Asafpur, Distt. Badayun |
| 14. | 18.03.2021 | Village Aagai, Post Baldeo, Mathura |
| 15. | 03.02.2021 | Kanpur Zoological Park, Kanpur |
| 16. | 18.03.2020 | Devipatan Mandir, Tulsipur, Balrampur |
| 17. | 28.09.2019 | Village Barhan, Agra |
| 18. | 31.08.2019 | Village Kinauri, Aliganj, Etah |
| 19. | 27.07.2019 | Shri Maluk peeth Sewa Sansthan, Vanshvat, Vrindavan, Mathura |
| 20. | 17.05.2019 | Village Baipur, Sikandra, Agra |
| 21. | 07.05.2019 | Block Sasni, Hathras |
| 22. | 10.04.2019 | Village Baipur, Sikandra, Agra |
| 23. | 13.03.2019 | Shri Krishna Goshala, Foundry Nagar, Agra |
| 24. | 22.02.2019 | Village Bilhora, Chatta, Mathura |
| 25. | 22.02.2019 | Village Sanchauli, Block Nandgaon, Mathura |
| 26. | 20.10.2018 | Firozabad, Agra |
| 27. | 17.10.2018 | Golden Belly Farm, Firozabad |
| 28. | 22.05.2018 | BSF Academy, Tekanpur, Gwalior |
| 29. | 06.06.2018 | Village Dheera, Block Ekka, Firozabad |
| 30. | 14.03.2018 | Safari Park, Etawaha |
| 31. | 16.02.2018 | Village Baikunthpur, Kanpur Nagar, Kanpur |
| 32. | 20.04.2017 | Balkeshwar Road, Agra |



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Lumpy Skin Disease Diagnostic Laboratory

| S. No | District | No of Sample |
|-------|--------------|--------------|
| 1. | Agra | 91 |
| 2. | Aligarh | 50 |
| 3. | Auraiya | 12 |
| 4. | Balrampur | 12 |
| 5. | Etah | 35 |
| 6. | Firozabad | 36 |
| 7. | Hathras | 21 |
| 8. | Jalaun | 15 |
| 9. | Jhansi | 13 |
| 10. | Kasganj | 41 |
| 11. | Mahoba | 31 |
| 12. | Mathura | 102 |
| 13. | Mirzapur | 30 |
| 14. | Sonbhadra | 18 |
| | Total | 507 |



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Visit: Training to animal keepers

| S. No. | Date | Programme, place | Participants |
|--------|------------|---|--------------|
| 1. | 15.06.2023 | Brucellosis & Zoonoses awareness programme, Block Nauhjheel, Mathura | 64 |
| 2. | 10.05.2023 | Brucellosis & Zoonoses awareness programme, Block Chaata, Mathura | 53 |
| 3. | 23.03.2023 | Awareness training programme for the animal owners against sub-clinical parasitism at village <i>Jikhangaon</i> , Mathura | 53 |
| 4. | 22.03.2023 | Awareness training programme for the animal owners against sub-clinical parasitism at village <i>Gantholi</i> , Block Gowardhan | 50 |
| 5. | 20.03.2023 | Brucellosis & Zoonoses awareness programme, Block Goverdhan, Mathura | 48 |
| 6. | 18.03.2023 | Awareness training programme for the animal owners against sub-clinical parasitism at village <i>Nagri</i> , Mathura | 50 |
| 7. | 17.03.2023 | Awareness training programme for the animal owners against sub-clinical parasitism at village <i>Janjuti</i> , Mathura | 50 |
| 8. | 24.02.2023 | Workshop for animal owners on “Control of Parasitic Diseases in Dairy Animals” at Nand Bhawan, DUVASU, Mathura | 49 |
| 9. | 23.02.2023 | Workshop for animal owners on “Control of Parasitic Diseases in Dairy Animals” at Nand Bhawan, DUVASU, Mathura | 60 |
| 10. | 22.02.2023 | Workshop for animal owners on “Control of Parasitic Diseases in Dairy Animals” at Nand Bhawan, DUVASU, Mathura | 53 |
| 11. | 14.02.2023 | Workshop for animal owners on “Control of Parasitic Diseases in Dairy Animals” at Nand Bhawan, DUVASU, Mathura | 51 |
| 12. | 30.12.2022 | Awareness training programme for the animal owners against sub-clinical parasitism at village <i>Navipur</i> , Block <i>Nandgaon</i> , Mathura | 50 |
| 13. | 29.12.2022 | Awareness training programme for the animal owners against sub-clinical parasitism at village <i>Ajijpur</i> , Block <i>Nandgaon</i> , Mathura | 49 |
| 14. | 28.12.2022 | Awareness training programme for the animal owners against sub-clinical parasitism at village <i>Barhana</i> , Block <i>Nandgaon</i> , Mathura | 49 |
| 15. | 23.12.2022 | Awareness training programme for the animal owners against sub-clinical parasitism at village <i>Bajna</i> , Block <i>Choumuhan</i> , Mathura | 48 |
| 16. | 22.12.2022 | Awareness training programme for the animal owners against sub-clinical parasitism at village <i>Gangrauli</i> , Block <i>Choumuhan</i> , Mathura | 47 |



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| | | | |
|-----|------------|--|-------------|
| 17. | 21.12.2022 | Awareness training programme for the animal owners against sub-clinical parasitism at village <i>Syarah</i> , Block <i>Choumuhan</i> , Mathura | 38 |
| 18. | 30.07.2022 | Awareness training programme for the animal owners against sub-clinical parasitism at village <i>Dhana Teja</i> , Block <i>Farah</i> , Mathura | 45 |
| 19. | 28.07.2022 | Awareness training programme for the animal owners against sub-clinical parasitism at village <i>Barari</i> , Block <i>Farah</i> , Mathura | 51 |
| 20. | 26.07.2022 | Awareness training programme for the animal owners against sub-clinical parasitism at village <i>Balrai</i> , Block <i>Farah</i> , Mathura | 45 |
| 21. | 06.03.2021 | Brucellosis & Zoonoses awareness programme, infertility camp and sanitation kit distribution village <i>Dhana Shamshabad</i> , <i>Dhanateja</i> and <i>Barari</i> , Block <i>Farah</i> | 163 |
| 22. | 01.03.2020 | Jaagrokta rally on Brucellosis diseases and Swachhta Gaushalas of <i>Vrindavan</i> , Mathura | 152 |
| 23. | 01.03.2020 | Brucellosis and Swachhta and Sanitation kit distribution, Government Veterinary Hospital, <i>Vrindavan</i> , Mathura | 38 |
| 24. | 30.03.2019 | Awareness programme on Swachhta and Pashujanya rog, <i>Murga Phatak</i> and <i>Khatik Muhalla</i> , <i>Sadar</i> , Mathura | 52 |
| 25. | 29.03.2019 | Awareness programme on Swachhta and Pashujanya rog, <i>Valmiki basti</i> , <i>Damodarpura</i> , Mathura | 45 |
| 26. | 18.03.2019 | Pashupalan Gosthi evam disribtuion of mini backyard Poultry Unit at Block <i>Myorpur</i> , District <i>Sonbhadra</i> | 40 |
| | | Total | 1493 |



Animal Treatment in villages

Village Paintha, Block Goverdhan, Mathura



Village Bachchgaon, Block Narkhi, Firozabad



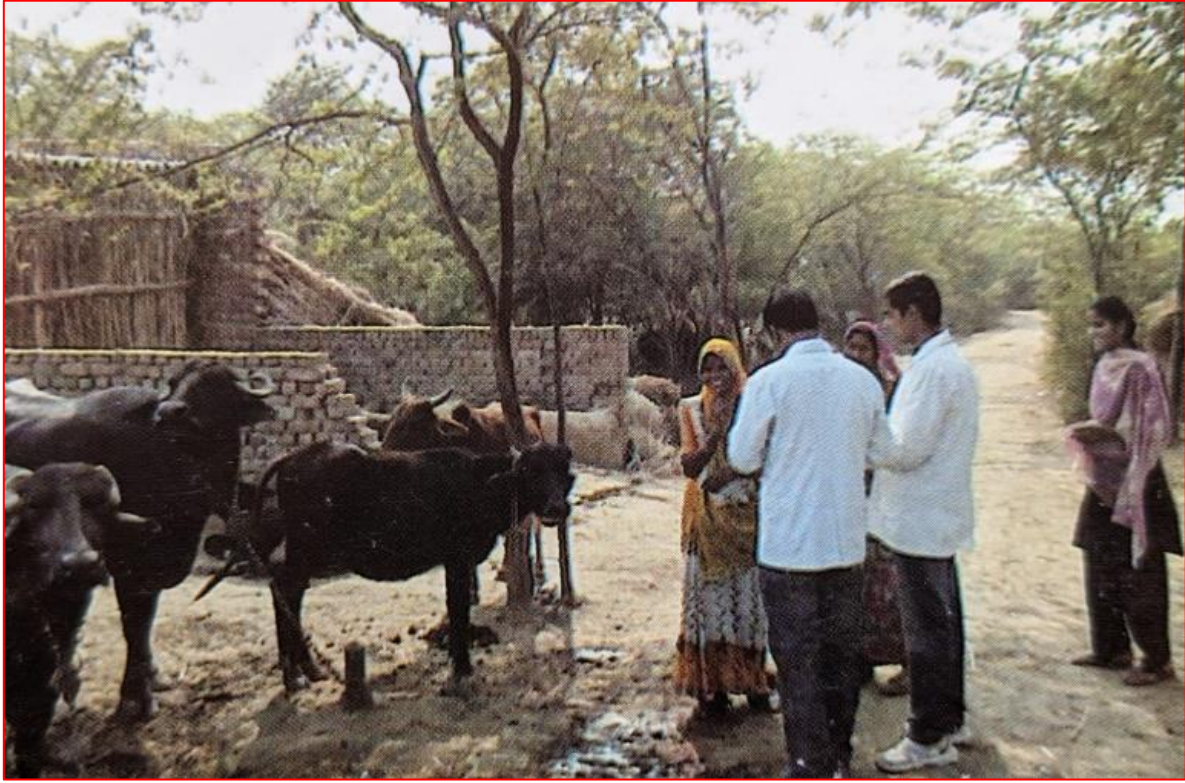


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Village Sitapur, Block Iglas, Aligarh



Village Badi, Dholpur





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Mandi Samiti, Kosikalan, Mathura





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Village Semra, Block Khandauli, Tehsil Etmadpur, Agra





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Block Bhitarkhand, Kanpur Nagar, Kanpur





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Village Paintha, Block Goverdhan, Mathura



Village Sitapur, Block Iglas, Aligarh





Visit: Disease Outbreak surveillance

Village Baipur, Sikandra, Agra (Foot and Mouth Disease)



Village Kamalpur, Block Meerut, District Meerut





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Evam Go-Anusandhan Sansthan (DUVASU), Mathura**

उ.प्र. पंडित दीन दयाल उपाध्याय पशुचिकित्सा विज्ञान विश्वविद्यालय एवं गो-अनुसन्धान संस्थान (दुवासु), मथुरा



Village Kuda Mirpur, District Moradabad



Village Gangauli, Block Asafpur, District Badayun





**U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya
Evam Go-Anusandhan Sansthan (DUVASU), Mathura**

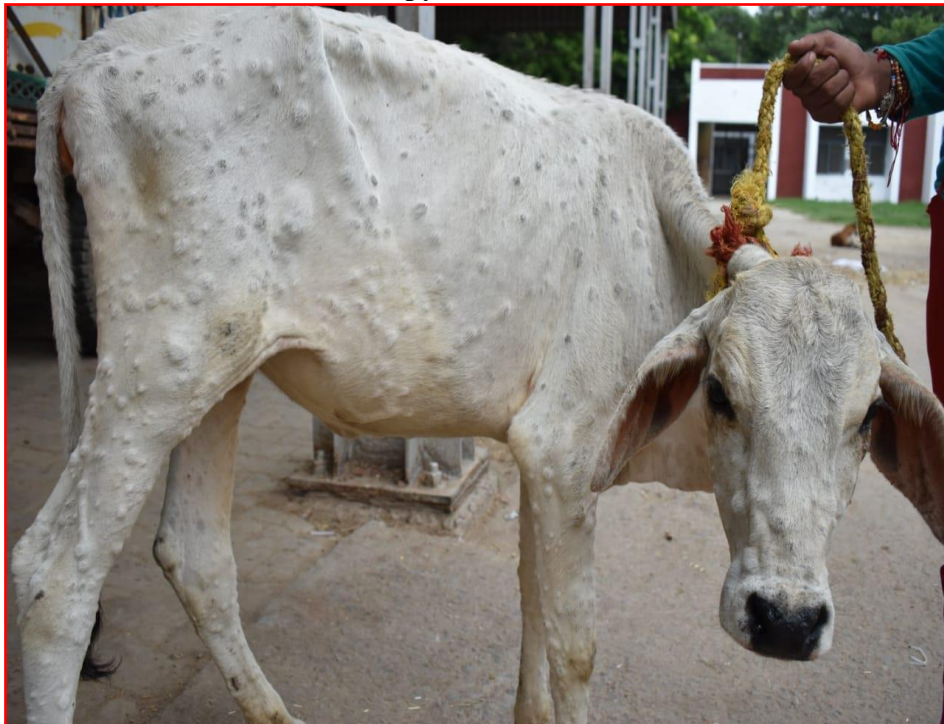
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Block Govardhan, Mathura



Lumpy Skin Disease





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Village Parkham, Block Farah, Mathura (African Swine Fever)





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Visit: Training to animal keepers

Village Barari, Mathura





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Village Damodarpura, Mathura





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Block Mursan, Hathras



Village Barari, Farah, Mathura





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Village Junsuti, Mathura





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Valmiki Basti, Mathura





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उ.प्र पंडित दीन दयाल उपाध्याय पशुचिकित्सा विज्ञान विश्वविद्यालय एवं गो-अनुसन्धान संस्थान (दुवासु), मथुरा

Khatik Muhalla, Sadar





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Veterinary Hospital Vrindavan



Hasanand Goshala, Vrindavan





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Village Dhana Teja, Farah, Mathura



Block Chatta, Mathura





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F.No.K-11053/69/2019-LH
Government of India
Ministry of Fisheries, Animal Husbandry & Dairying
Department of Animal Husbandry & Dairying

Krishi Bhawan, New Delhi
Dated 7th September, 2022

OFFICE MEMORANDUM

Subject: Decentralization of Lumpy Skin disease (LSD) testing/screening (Real-Time PCR/PCR) for rapid diagnosis

Keeping in view the rapid testing/screening of LSD in cattle, it has been decided by the Department to decentralize the LSD testing (Real-Time PCR/PCR) for rapid screening of cattle as per the ICAR-NIHSAD testing protocols for LSD. Department therefore authorize the below institutes/laboratories as per below details and protocol:

| Name of the Laboratory and contact details | Allotted states/UTs | Testing Authorization |
|--|--|--|
| Southern Regional Disease Diagnostic Laboratory (SRDDL), Bangalore (srddlbangalore@gmail.com) | Andhra Pradesh, Karnataka, Kerala, Tamil Nadu, Telangana, Lakshadweep, Puducherry | PCR/Real-Time PCR testing/screening for LSD for repeated incidences in the area earlier confirmed by ICAR-NIHSAD, Bhopal as per the testing SOP/protocol for LSD developed by ICAR-NIHSAD, Bhopal. |
| Western Regional Disease Diagnostic Laboratory (WRDDL), Pune (dis.pune7@gmail.com) | Maharashtra, Goa, D&N Haveli, Daman & Diu, Gujarat, Chhattisgarh, Jharkhand, Odisha, A & N Islands | Contact details: (director1nihsad@gmail.com, director.nihsad@icar.gov.in) |
| North-East Regional Disease Diagnostic Laboratory (NERDDL), Guwahati (nerddlguwahati@gmail.com) | Assam, Arunachal Pradesh, Nagaland, Mizoram, Manipur, Sikkim, Tripura, Meghalaya, West Bengal | Website: www.nihsad.nic.in |
| Lala Lajpat Rai University of Veterinary & Animal Sciences (LUVAS), Hisar (vc@luyas.edu.in) 0166 225 6065 | Haryana, Himachal Pradesh, Rajasthan | Tel: 0755-2759204 |
| Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan (DUVASU), Mathura (duvasuvc@gmail.com) | Uttar Pradesh, NCT Delhi, Uttarakhand, Bihar, Madhya Pradesh | |



U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan (DUVASU), Mathura

उ.प्र. पंडित दीन दयाल उपाध्याय पशुचिकित्सा विज्ञान विश्वविद्यालय एवं गो-अनुसन्धान संस्थान (दुवासु), मथुरा



| | |
|---|--|
| College of Animal Biotechnology, Guru Angad Dev Veterinary and Animal Science University (GADVASU) Ludhiana, Punjab Tel: 0161-299064 (deancoabt@gmail.com) | Chandigarh, Punjab, Ladakh, Jammu & Kashmir |
|---|--|

Protocol for authorized Institutes/Laboratories

1. The institutes are authorized for screening only.
2. The institutes are authorized for PCR/Real-Time PCR testing/screening for LSD for repeated incidences in the area confirmed by ICAR-NIHSAD, Bhopal.
3. The necessary arrangement including biosafety measures and safe disposal of the material shall be adopted by the institutes as per the protocol for LSD in consultation with ICAR-NIHSAD, Bhopal.
4. Any positive samples from new outbreak areas (State/District) shall be referred to ICAR-NIHSAD, Bhopal for further confirmation by virus isolation.
5. The institutes shall develop the facilities and all proper arrangement as per NIHSAD SOP for LSD testing. ICAR-NIHSAD shall provide all necessary technical support to these institutes.
6. The authorize institutes shall give necessary training to field staff of the states for safe and proper sample collection and dispatch.
7. The authorize institutes shall also develop proper liaison with the states/UT for necessary support and awareness required for control and containment operations of LSD as per the guidelines of the department.
8. The authorize institutes shall share the test reports and quarterly summary with ICAR-NIHSAD and Department with immediate communication to concern state/UT.
9. Authorized institutes/laboratories shall support technically the affected states to control LSD in definite time line as per LSD control guidelines.

This issued with the approval of competent authority

Attached: LSD control guidelines

Yours sincerely

(Dr. Vijay Kumar Teotia)
Regional officer

To

1. The above authorized institutes/Laboratories...with the request to establish necessary liaison with the allotted states for proper collection, transport and testing of the samples. The contact

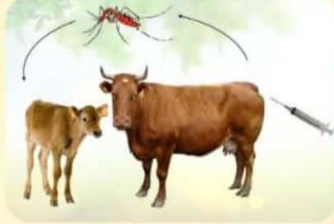


Advisory for prevention of Lumpy Skin Disease

पशुओं में लम्पी बीमारी (L.S.D.) के रोकथाम हेतु अनुदेश

लक्षण-

- तेज बुखार (103 से 105 °F)
- आँख एवं नाक से पानी गिरना।
- पैरों एवं गल कम्बल पर सूजन।
- पूरे शरीर में कठोर, चपटी गांठ उभर आना।
- गाभिन पशुओं में गर्भपात।
- दुधारू गायों में काफी कम दुग्ध उत्पादन।
- पशुओं में वजन घटना, शारीरिक कमजोरी।



रोग संचरण -

- रोग के विषाणु बीमार पशु के लार, नासिका स्राव, दूध, वीर्य में भारी मात्रा में पाए जाते हैं।
- स्वस्थ पशु के बीमार पशु के सीधे संपर्क में आने से।
- रोग ग्रसित पशु के स्राव से संदूषित चारा पानी खाने से।
- रोग ग्रसित पशु के दूध पीने से छोटे बछियों व बछड़ों में।
- मच्छरों, काटने वाली मक्खियों किलनी आदि खून चूसने वाले कीड़ों के काटने से।

उपचार एवं निवारण

- यह एक विषाणुजनित रोग है जिसका कोई उचित अनुशंसित उपचार नहीं है।
- चिकित्सक के परामर्श से लक्षणात्मक उपचार किया जा सकता है।
- बुखार की स्थिति में ज्वरनाशक (यथा पैरासिटामोल) का प्रयोग।
- सूजन एवं चर्म रोग की स्थिति में पशु चिकित्सक की सलाह से दवाईयाँ तथा द्वितीयक जीवाणु संक्रमण को रोकने हेतु 3-5 दिनों तक एन्टीबायोटिक (यथा एनरोसीन व स्ट्रेप्टोपेनेसीलीन) दवाईयों का प्रयोग।
- घावों को मक्खियों से बचाने हेतु नीम की पत्ती, मेहंदी पत्ती, लहसुन, हल्दी पाउडर को नारियल या सीसेम तेल में लेप बनाकर घावों पर लेप का प्रयोग।

रोग प्रकोप के समय क्या करें

- निकटतम सरकारी पशुचिकित्सा अधिकारी/पशुधन प्रसार अधिकारी को सूचित करें।
- प्रभावित पशुओं को स्वस्थ पशुओं से अलग करें।
- प्रभावित पशुओं की आवाजाही को प्रतिबन्धित करें।
- कीट के काटने से बचने के लिए पशुओं के शरीर पर कीट निवारक का प्रयोग करें।
- पशुबाड़ा और आसपास के स्थानों को फिनोल (2%/15 मिनट), सोडियम हाइपोक्लोराइट (2-3%), इत्यादि का छिडकाव कर उचित कीटाणुशोधन करें।
- बीमार पशुओं की देख-भाल करने वाले व्यक्ति को भी स्वस्थ पशुओं के बाड़े से दूर रहना चाहिए।

क्या नहीं करें

- सामूहिक चराई के लिए अपने पशुओं को ना भेजें।
- पशु मेला एवं प्रदर्शनी पर अपने पशुओं को ना भेजें।
- पशुओं को पानी पीने के लिए आम स्रोत से बीमारी फैल सकती है।
- प्रभावित क्षेत्र से पशुओं की खरीदी न करें।
- मृत पशुओं के शव को खुले में न फेंकें, वैज्ञानिक विधि से निस्तारित करें। गहरे गड्ढे में पशु को दफनाएं।
- लंपी रोग का विषाणु मनुष्यों को प्रभावित नहीं करता।

अतः रोगी पशु के दूध को उवालकर पीने या रोगी पशु के संपर्क में आने से मनुष्यों में रोग फैलने की कोई आशंका नहीं है। अवाञ्छित अफवाहों से खुद को बचाएं।