

K-11053/69/2019-LH

DEPARTMENT OF ANIMAL HUSBANDRY & DAIRYING

Guidance in respect to annual vaccination/re-vaccination of LSD as per LSD Control Guidelines

As per the guidelines of DAHD dated 16.3.2023, the vaccination schedule for the state/UTs is indicative in nature keeping in view the annual re-vaccination requirements before the high-risk season of monsoon.

Successful vaccination and results depend on factors like proper vaccination process, cold chain maintenance, injecting accuracy, dosing, health status of animal, nutritional status of animal, caring of animal before and after vaccination, presence of other infection in animal (co-morbidity), deworming status of animal, presence of risk factors in the area, sanitation and disinfection measures etc.

Therefore, the states/UTs may undertake their local risk analysis based on current field condition, disease epidemiology, risk areas, risk population, un-vaccinated cattle population, presence of vectors in the area, presence of other infection in the area (co-morbidity), status of sanitary and biosecurity measures, movement of animals from outside, changed climatic conditions etc.

Accordingly, the states/UTs may make the strategy based on DAHD indicative annual re-vaccination schedule with the overall aim to control and eradicate the disease. As DAHD timeline are indicative in nature to alert the states/UTs in respect to annual re-vaccination requirement, the states//UTs may develop the annual re-vaccination strategy based on the factors detailed above and changed climatic condition keeping in view the local risk status and undertake the annual re-vaccination programme as per their strategy and time schedule.

The time-schedule suggested earlier is an indicative one and all the states are advised to go for vaccination at the earliest as highlighted above based on the local risk assessment. It is important that all the susceptible populations are vaccinated at the earliest.

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1. Department has already communicated the advisory regarding the safe administration of FMD and Goat Pox vaccine to the same cattle simultaneously. Further, the vaccination of other diseases like HS and BQ may also be done as per the state action plans. However, the below general guidelines may be followed for better results:
 - a. The gap of 28 days may be kept between LSD and other vaccinations (other than FMD).
 - b. Vaccines should not be mixed at any stage
 - c. Animal should be stress free at the time of vaccination and animal owners shall be advised to ensure proper care and nourishment to the vaccinated animals until 2 weeks post-vaccination.
 - d. Do not vaccinate animals which are already in stress (like bad weather, scarcity of fodder & water, disease outbreaks, after transportation etc.)
 - e. Animals should be dewormed with removal of ecto-parasites one to two weeks prior to vaccination
 - f. Avoid administration of antibiotics and immunosuppressant until 2 weeks post-vaccination.
 - g. New/fresh/sterilized syringes and needles shall be used for each animal for each vaccination
 - h. Vaccines shall be injected into the neck, but far from each other and preferably on different sides of the neck (in case two vaccines are used)
2. Presently, the annual vaccination/re-vaccinations may be continued with available Goat Pox vaccine (GPV) as per the circulated vaccination strategy under LSD control guidelines
3. Department already communicated the states, the uniform rate of Goat Pox Vaccine (Rs.5.25/-per dose, inclusive of GST for 100 doses pack) through the central tendering process for procurement of Goat Pox vaccine under central assistance.
The States/UTs may submit their action plan for LSD vaccination as per ASCAD guidelines. Funding Pattern: ASCAD is having a Central-State fund sharing pattern of 60-40/90-10 for NER & Himalayan States/ 100% for UTs.
