

Animal Health Group
NDDB, Anand

Convergence for Animal Health



OUTLINE OF PRESENTATION

Enforcement of Prevention and control of Infectious and Contagious Diseases in Animal Act 2009

Convergence of service providers and stake holders in preventive animal health

Management of IBR and BVD

Single-window disease testing

GMP compliant vaccine production facilities

ENFORCEMENT OF 'PREVENTION AND CONTROL OF INFECTIOUS DISEASES IN ANIMAL ACT 2009'

Act facilitates systematic disease control

- Compulsory vaccination, identification of vaccinated animals, establishment of check-posts, regulation of animal movement, disease reporting etc.

Section 42 : Central Government to make Rules

Section 43 : States to frame Rules

- Manner and period of inspection at the animal check post
- Issue of Entry permit
- Form of Permit at Quarantine camp

ENFORCEMENT OF 'PREVENTION AND CONTROL OF INFECTIOUS DISEASES IN ANIMAL ACT 2009' ... (2)

Maharashtra, Tamil Nadu, Odisha and Karnataka have notified the Rules. Other states need to expedite.

Gol has national programmes for control of FMD. Enforcement of the Act could be attempted, to start with, in select areas like high milk production areas or PT/PS area

If the DADF and States desire, NDDB could organise a Workshop to discuss the future roadmap

CONVERGENCE IN PREVENTIVE ANIMAL HEALTH

State Animal Husbandry Department, DADF, Milk Cooperatives, ICAR and NDDDB to pool resources. Other stakeholders also to join.

NDP provides for:

- Animal Health Officer
- District Coordination Committee

Secretary, Animal Husbandry in each state may review the progress in timely vaccination, sero-monitoring, disease reporting etc.

MANAGEMENT OF IBR AND BVD

IBR is a viral disease, endemic in India for which no vaccine or treatment is available

IBR sero-positive bulls do not excrete the virus in semen all the time

OIE approves testing of ejaculate by Real Time PCR and negative batches are allowed for international trade

Inactivated marker vaccines are available globally, which could be used for protecting dams and bulls against IBR

The focus of BVD testing be to detect and remove 'Persistently Infected' animals first.

NDDDB organised a workshop on IBR and BVD and the recommendations were sent to DADF

DADF to notify the standards for IBR and BVD which would be followed by semen stations and bull production agencies

SINGLE-WINDOW DISEASE TESTING

MSP requires testing for specified diseases by RDDDLs/CDDL and NDDB

FMD sero-monitoring is done by Units of PD FMD, ICAR and NDDB

Using sera for FMD sero-monitoring, NDDB can test for all the MSP diseases

- No need for separate collection of blood, sera separation and dispatch to laboratory

Comprehensive results could be shared with State AHD, DADF and ICAR for future improvements and documentation

GMP COMPLIANT FACILITIES FOR VACCINE PRODUCTION

Compliance with Schedule M (GMP) is mandatory for vaccine production

Most of the vaccine production units with the State AHD are not GMP compliant

GMP compliance is expensive, requires high degree of professionalism and resources

With small vaccine production requirements it is not financially sustainable to build and maintain GMP compliant vaccine facilities in each state

NDDB could convene a meeting of all stake holders to discuss these issues and develop the roadmap

THANK YOU |