

No.50-10/2015- LDT (AQ)  
Government of India  
Ministry of Agriculture  
**Department of Animal Husbandry, Dairying & Fisheries**

Krishi Bhawan, New Delhi  
Dated the 30<sup>th</sup> April, 2015

To,  
The Principal Secretary,  
Animal Husbandry,  
Government of Manipur,  
Imphal, Manipur.

**Subject: Post Operation Surveillance Plan after completion of Avian Influenza outbreak control and containment operation at epicenter ICAR Poultry Unit, Lamphelpat, Imphal of Manipur state.**

Ref: Letter No. 33/LAB-AI/2008-Vety (Pt. III) dated 30-04-2015 from the Director, Vety. & A.H. Services, Government of Manipur.

Sir,

As per the report submitted by the Director, Vety. & A.H. Services, Government of Manipur, the Avian Influenza control and containment operations by culling, mopping, cleaning and disinfection in a one km radius of epicenter at ICAR Poultry Unit, Lamphelpat, Imphal of Manipur state where outbreak of Avian Influenza was notified on 19<sup>th</sup> April, 2015, are complete. The state has issued the sanitization certificates for the said epicenter on 30-04-2015. Now, the Post Operation Surveillance Plan (POSP) is to be put into place in accordance with the National Action Plan on Preparedness, Control and Containment of Avian Influenza. It will comprise of the following actions in two zones:

(i) The Operational Area of 1 km, over which culling has been carried out: Surveillance should ensure that no birds are inducted into the area for 3 months from the date of issue of Post Operation Surveillance Plan.

(ii) The Specified Surveillance Area of 9 kms. beyond the first zone of 1 km. (Post Operation Surveillance Zone): Apart from clinical surveillance, also collect samples from poultry including ducks (as given in Annexure), both commercial and backyard, as per sample frame within the prescribed sampling time and send to National Institute of High Security Animal Diseases (NIHSAD), Bhopal for screening of Avian Influenza.

2. In accordance with the above detailed guidelines, the Post Operational Surveillance Plan has been drawn up and is enclosed with this letter for implementation.

Encl: As above

Yours faithfully,



(R.G. Bambal)  
Deputy Commissioner (LH)

Copy to:

Dr. N. Rajendro Singh, Director of Vety. & A.H> Services, Government of Manipur,  
Imphal, Manipur.

Post Operation Surveillance Plan (POSP) to declare an area free from infection after an Avian Influenza outbreak

**(A) Sample collection in designated Post Operation Surveillance Zone:**

The 01-10 kms. zone outside the Avian Influenza epicenter will form the Post Operation Surveillance (POS) Ring. The samples shall be collected from the poultry within this 9 Kms Surveillance Zone.

**(B) Sample Type and Size:**

The proportion of fowl and duck samples will be at the ratio of 2:1 for giving special emphasis, if any, on ducks. Samples will also be collected both from poultry units and backyard poultry as detailed below:

**i. Poultry units including ducks:**

- a) Poultry farm (including ducks) having at least 50 birds will be treated as poultry unit.
- b) The sample size will be 6 for a poultry unit having population of 50-1000 and 18 for bigger units.
- c) The samples will include both serum and cloacal swab in a ratio of 2:1.

**ii. Backyard poultry including ducks:**

- a) Collect samples from 50% villages of every Gram Panchayat in POS zone.
- b) The sample will include both serum and cloacal swab in a ratio of 2:1.
- c) The sample size per village will be 9.

**iii. Periodicity of sampling:**

Samples shall be collected in 4 phases on fortnightly basis and no sample shall be collected more than once from the same farm/village. Sampling will be done only once from a particular poultry unit / village.

**iv. Despatch of samples:**

Send samples to NIHSAD, Bhopal directly by a special messenger in accordance with given timeframe and sample size by maintaining proper cold chain.

**v. Further action if the samples test positive in the Surveillance Ring:**

If a poultry unit or a sector becomes positive, a renewed control and containment operations will be carried out in accordance with the Action Plan.

**vi. If the samples test negative:**

If samples are negative, re-population of poultry will be allowed in the affected area after completion of three months from the issue of Post Operation Surveillance Plan.

**vii. Surveillance in the Re-populated Poultry Unit /Sector:**

The repopulated flock in the former affected area will be screened periodically over the next two months. Random clinical, virological and serological investigations on the repopulated flocks are to be carried out at least once every fortnight as detailed below:



- (i) **Poultry Units including ducks:** Sampling of 0.5% of the population introduced subject to a minimum of 6 samples and maximum of 18 samples. Both serum and cloacal samples will be lifted in a ratio of 2:1.
- (ii) **Backyard Poultry including ducks:** Sampling of 0.5% of the population introduced will be done subject to 6 samples per sector. Both serum and cloacal samples will be collected in a ratio of 2:1.

Samples will be sent to NIHSAD, Bhopal for testing. If samples are tested positive, control and containment procedures will be repeated as per Action Plan.