

Antibiotic use and antibiotic resistance in the poultry value chains of India



Feed samples, faecal samples, sock samples are collected at each farm and samples are tested for Ab residues



The farmers interviewed regarding Knowledge, practices related to Ab use.



Poultry feed vendors, veterinarians looking after the poultry farms are interviewed as well regarding KAP antibiotics.



Poultry meat collected and tested for antibiotic residues, as well as presence of zoonotic and resistant bacteria (salmonella, and E coli).

Objectives:

1. Understanding the consumption patterns of key antibiotics in the poultry value chains.
2. Study usage patterns, knowledge and practices pertaining to antibiotics in poultry value chains.
3. Identify key strategies relying on creation of right incentives to optimize the use of antibiotics.

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Highlights and work done so far...

- 30 poultry farms visited in Guwahati (one of the study sites) and interviews with farmers are completed.
- Except for poultry meat samples, the sampling is almost complete in Guwahati
- The interviews with feed vendors are completed in Guwahati.
- Sampling and the interviews have begun in Bangalore (2nd study site)



Sample collection in a poultry farm at Guwahati