Baseline data collection and development of an indicator based real time monitoring system involving master livestock farmers.

Meeting of Assam Milk, Meat & Egg Mission Society (AMMEMS)

8TH OCT 2018

PRESENTATION BY
DR M ISLAM BARBARUAH
VET HELPLINE INDIA PVT LTD

Based on input from: Dr.Ripunjoy, Dr Pramatesh, Dr Rezaul, Dept of A H and Veterinary, GoA
We need to develop a comprehensive system for real-time data generation and dashboard-based analysis for effective use.
We need to focus on careful selection of indicators and agree on the impact areas!
Examples of ongoing efforts

‘Aamar Gaon Aamar Achoni’

Gaon Panchayat Development Plan (GPDP)
(2015-16 to 2019-20 under 14th Finance Commission)

12. Livestock Numbers

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cows</td>
<td></td>
</tr>
<tr>
<td>Bollocks</td>
<td></td>
</tr>
<tr>
<td>Calves</td>
<td></td>
</tr>
<tr>
<td>Female Buffalo</td>
<td></td>
</tr>
<tr>
<td>Male Buffalo</td>
<td></td>
</tr>
<tr>
<td>Buffalo calves</td>
<td></td>
</tr>
<tr>
<td>Goats / Sheep</td>
<td></td>
</tr>
<tr>
<td>Poultry / Ducks</td>
<td></td>
</tr>
<tr>
<td>Pigs</td>
<td></td>
</tr>
<tr>
<td>Any Other - Type</td>
<td></td>
</tr>
<tr>
<td>No.</td>
<td></td>
</tr>
<tr>
<td>Shelter for Livestock: Puca / Kucha / None</td>
<td></td>
</tr>
<tr>
<td>Average Milk Production(Ltrs)</td>
<td></td>
</tr>
</tbody>
</table>

20th Livestock Census-2017
Examples of ongoing efforts (APART Project of the World Bank)

IN-ARIAS-1954-CS-QCBS / Project Baseline Survey and Monitoring & Evaluation of the proposed World Bank aided Assam Agribusiness & Rural Transformation Project (APART)
Value: USD 125,004.28
Status: Under implementation.

IN-ARIAS-3142-NC-RFQ / Hiring of Consultancy Firm for Digital mapping and plotting of Block/Village wise Prioritized Clusters of APART together with other resources in Google Map and development of a web-enabled Application Software
Value: USD 26,591.46
Status: Completed

Source: Revised procurement dated 1st June 2018
Examples of ongoing efforts

Title of the Project

Estimation of Per Capita Farm Household Income
Across Various Categories of Farmers in Assam

Submitted To
SITA, Government of Assam

Submitted By
The Department of Agricultural Economics
Assam Agricultural University
Jorhat

Department of Agricultural Economics
Assam Agricultural University
Jorhat 785 013

Survey of Rural Primary Markets (Gramin Periodical Haats)
in Assam

Department of Agricultural Economics
Assam Agricultural University, Jorhat - 785013
2018
Examples of efforts under Assam State Veterinary Road-map Project
Examples of efforts under Assam State Veterinary Road-map Project
Proposed Methodology

- Census of 2487 village panchayat (Additional to GOI requirement)
- Sample study of livestock farmers covering 6 agro-climatic zone.
- Sample study of consumers and retailers (Sampling taking care of factors)
- Market intelligence survey.
- Review and re-organization of existing internal departmental records. (Where available).
Mobile application based data collection suitable for spatial analysis using existing works at institutes like GIS Cell of Planning Dept, ASTEC, NIRD etc.

Premises registration of minimum 6 master farmers (2 each for cattle, small ruminants and poultry) in each village panchayat to act as stringer network for real time data entry beyond baseline work.
Benefits of nurturing a master farmer stringer network

- Support during baseline data generation including census.
- Eyes and Ears of the department.
- Preventive and planned service delivery in remote areas.
- Role model creation.
Mission’s 6 I’ activity framework to fix indicators

- Institution building at farmers’ level and across value chain
- Infrastructure development.
- Investment promotion.
- Input support and facilitation.
- Innovation in service delivery targeted at 5 A’s
- Incentive to farmers and other value chain actors.
Identified indicators ( Sector level )

1. Livestock related functional community assets.
2. Number of beneficiary of veterinary / livestock linked government schemes.
3. Number of trained master livestock farmer.
4. Number of breeding unit capable of supplying heifer, kid, piglets etc.
5. Adoption of recommended listed practices for respective agro-climatic zone
Identified indicators (Sector level)

6. Calf / piglet / kid mortality

7. Incidence of diseases (Bacterial / Viral and Production related) and Infertility at farmer’s place.

8. Percent demand for locally produced livestock products against overall demand.

9. Volume of local production and sale of biologicals (Government and Private)

10. Volume of trade in physical livestock market
Identified indicators (Department level)

1. Incidence of major animal disease (Lab confirmed)
2. Response time of disease investigation.
3. Number of capacity building training conducted (Category wise in each subdivision to be differentiated from awareness training).
5. Semen straw production Vs consumption.
6. Conception rate.
7. Foot fall in veterinary & farm facilities for entrepreneurship related counselling.
Identified indicators (Department level)

8. Number of private farms incubated by government farms.

9. Completion time of infrastructure projects.

10. Stakeholder opinion on services at the level each institution e.g. hospital, farms, training institutes Standards of livestock products.

11. Departmental interaction program with private value chain players.

12. Veterinarian attending CVME programs in any year.

13. Percent expenditure against allocation.

14. Number of externally funded project/partnership.
People risk!
Policy risk!
Process risk!
Political risk!
Technical risk!
Financial risk!
Vet Helpline India (P) Ltd

Corporate Identification Number, GOI - U85209AS2000PTC006298

web: vethelplineindia.co.in
E-mail: info@vethelplineindia.co.in

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