



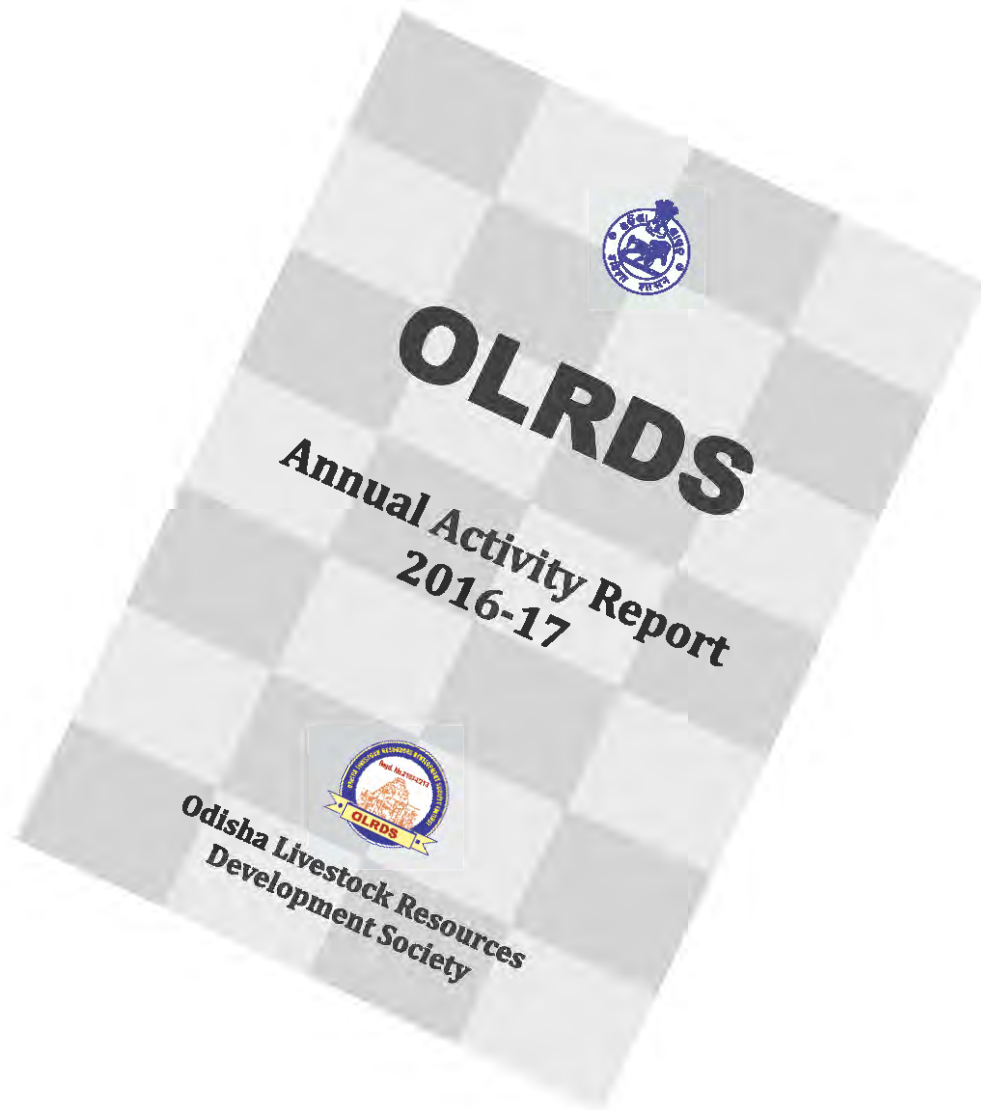
OLRDS

Annual Activity Report 2016-17



**Odisha Livestock Resources
Development Society**

Annual Activity Report 2016-17



Odisha Livestock Resources Development Society



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1. About Odisha Livestock Resources Development Society (OLRDS)

Odisha Livestock Resources Development Society (OLRDS) was formed and registered vide Order No. 21074/213 dt.25.10.2000 under the Odisha Societies Registration Act, 1860 as State Implementing Agency to ensure smooth implementation of bovine breeding activities in the State.

The Commissioner-cum-Secretary to Govt. of Odisha, F & A.R.D. Department is the President and Director of AH & VS, Odisha is the Vice-President of OLRDS. The Chief Executive Officer is the Member-Secretary of the Society. The objective of OLRDS is as follows

- To promote & develop animal husbandry in the area for increased production of milk.
- To promote quality Artificial Insemination (AI) services at village level and farmer's door step for organised breeding.
- To mobilise resources from various sources to foster the cause of cattle development through breeding & management.
- Utilisation of funds generated by sale of inputs & services for sustainability of breeding activities.
- To undertake appropriate research work & to provide specific extension pertaining to livestock development.

ACTIVITY

- To promote production, rearing & selection of bulls.
- To facilitate Production of bull semen & distribution
- To facilitate production and supply of quality AI inputs
- To ensure training of staff in artificial insemination & infertility management.
- To promote conservation and improvement of native breeds, progeny testing
- To collaborate with various agencies (OMFED, NGO, Private AI workers and Departmental AI technicians) for covering more breedable cattle under organised breeding

A. Functions of OLRDS

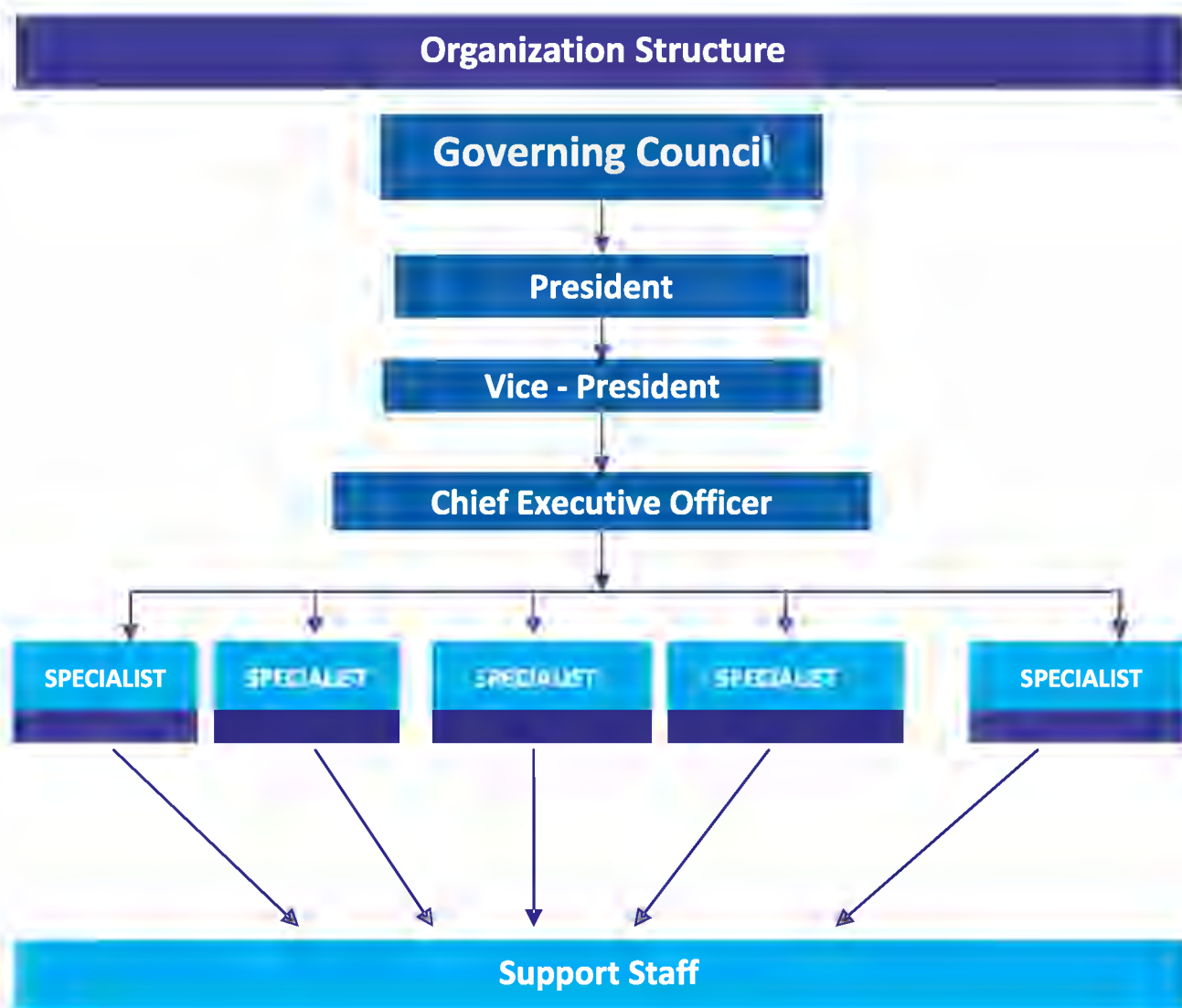
Some of the key functions being performed by the State Implementing Agency (SIA) i.e., OLRDS are as follows;

- ◆ Conversion of non A.I. Centres to A.I. Centres.
- ◆ Provision of mobile A.I. facility for rendering doorstep services.
- ◆ Uninterrupted and timely supply of logistics and other inputs like LN2, Straws, Sheaths etc. to the A.I. Centres and maintenance of cold chain for semen.
- ◆ Strengthening of the Bull Rearing Centres at Frozen Semen Bank.
- ◆ Production of quality bull semen by adopting strict Bio-security measures.
- ◆ Productions of crossbred bulls by inseminating the elite cows with proven bull sire semen.
- ◆ Conduct Progeny Testing Programme in field conditions for evaluation of the breeding Bulls

donating semen at Frozen Semen Bank, Cuttack

- ◆ Strengthening of Bull mother farms of State.
- ◆ Physical characterization of Native cattle and buffalo germplasms of Odisha
- ◆ Conservation and improvement of native germplasm through selective breeding.
- ◆ Implementation of Risk Management component under Sub Mission-Livestock Development of National Livestock Mission.(NLM)
- ◆ Partnering with agencies like BAIF, KLDB, NDDDB and other external agencies for livestock development of the State.

Organizational Structure



A. Management of Society

Orissa Livestock Resources Development Society (OLRDS) is having a Governing Council with following statutory members.

I. Official Members:

1	Principal Secretary/ Secretary to Govt., Fisheries & Animal Resources Development Department, Govt. of Orissa.	President
2	Director of Animal Husbandry & Veterinary Services, Orissa	Vice – President
3	Addl. Secretary / Joint Secretary to Govt., Fisheries and Animal Resources Development Department	Member
4	Managing Director, OMFED	Member
5	Addl. Secretary / Joint Secretary to Govt., Planning & Coordination Department	Member
6	Addl. Secretary / Joint Secretary to Govt., Finance Department	Member
7	Joint Director (HID), Veterinary Directorate	Member
8	Joint Director – I, Veterinary Directorate	Member
9	Deputy Director, Frozen Semen Bank, Cuttack	Member
10	Accounts Officer, Veterinary Directorate	Member
11	Chief Executive Officer, OLRDS	Member Secretary (Convener)

II. Non Official Members:

12	Joint Honorary Secretary, Utkal Gomangal Samiti	Member
13	Joint Honorary Secretary, Society for Prevention to Cruelty to Animals, Cuttack	Member
14	Person nominated by Governing Council	Member

D. Staff Structure of OLRDS

OLRDS has no sanctioned posts. However, as per the Government order no 4496-2 V-13/2012/FARD dated 24.04.2012 .Four specialist posts of FSB, Cuttack and one post from State Feed Analytical Laboratory, Bhubaneswar are being permanently deployed to work at OLRDS. Further, considering the workload Government also deploys the experienced technical and non technical staff to OLRDS. Moreover, for smooth functioning of day to day work, OLRDS also engages contractual staffs as per the requirement on approval of the President and Governing Body.

2. Overview

Odisha Livestock Resources Development Society (OLRDS) is a govt. registered society dedicated for implementation of the bovine breeding activities in the State. OLRDS is responsible for planning, coordinating, supporting, reviewing and reporting different bovine breeding activities undertaken in

the State of Odisha as State Implementing Agency (SIA).

To achieve the aim and objectives of OLRDS, budgetary support from Central Plan schemes, State Plan schemes and RKVY assisted projects are being received.

Genetic improvement in bovines is a long term activity. To achieve the objective Govt. of India supports the States through different Central Sponsored Schemes. During the Year 2016-17, Govt. released Rs.1500.00 lakh under one umbrella i.e. Rastriya Gokul Mission(RGM).(National Project for Bovine Breeding(NPBB): Rs.600.00 lakh and Indigenous Breeds(IB) Rs.900.00 lakh).The component wise funds released under RGM 2016-17 has been furnished at Appendix 1. Further, under the sub component Central Plan Scheme Livestock Insurance Scheme (LIS), insurance of animals have been taken up to provide a safety net to the livestock farmers on eventuality of death of the precious animals.

To increase the coverage of breedable bovines under organised breeding State Plan schemes namely Kalyani has been taken up in collaboration with BAIF. Further, to make the State self sufficient in CB bovine semen production, Participatory Research Activity (PRA) namely, FPRS and CB Bull Production Programme involving farmers of the State have been initiated under the State Plan Scheme Strengthening of Dairy Organisation

To boost milk production, strengthen training infrastructures and motivate the AI technicians as well as farmers for AI in the State, a number of new projects namely Cattle Breed Improvement Project (CBIP), Establishment of Frozen Semen Training Institute, Use of Sex Sorted Semen and Calf Rearing Scheme have been taken up under RKVY.

Artificial Insemination is the key bovine breeding intervention undertaken in the field level to enhance the productivity. OLRDS shoulders the responsibility of monitoring of the above activity. To make the programme self driven, Users Charge (UC) at fixed rate is being collected towards the AI service delivery. Smooth collection and utilisation of UC is monitored by OLRDS.

3. HIGHLIGHTS OF ACTIVITIES OF OLRDS

A. Increasing the breeding coverage of bovines

To cover more number of bovines under organised breeding steps were initiated as per the recommendations of Odisha Bovine Breeding Policy, 2015. It was planned to cover 100% of bovine breedable population (39.13 lakh) under organised breeding with special focus on genetic up-gradation of indigenous non-descript bovines.

To ensure breeding coverage, micro-planning was made involving various agencies namely OMFED, BAIF and JK trust. Keeping in view of the vacancies in the Departmental AI centres, operational areas were distributed amongst the other agencies.

I. Conversion of Non – AI Centres to AI centres and static AI centres to mobile centres

Detailed planning was chalked out for Conversion of 200 Non – AI Centres to AI centres and 225 number of static AI centres to mobile centres by provision of AI equipment set during the year

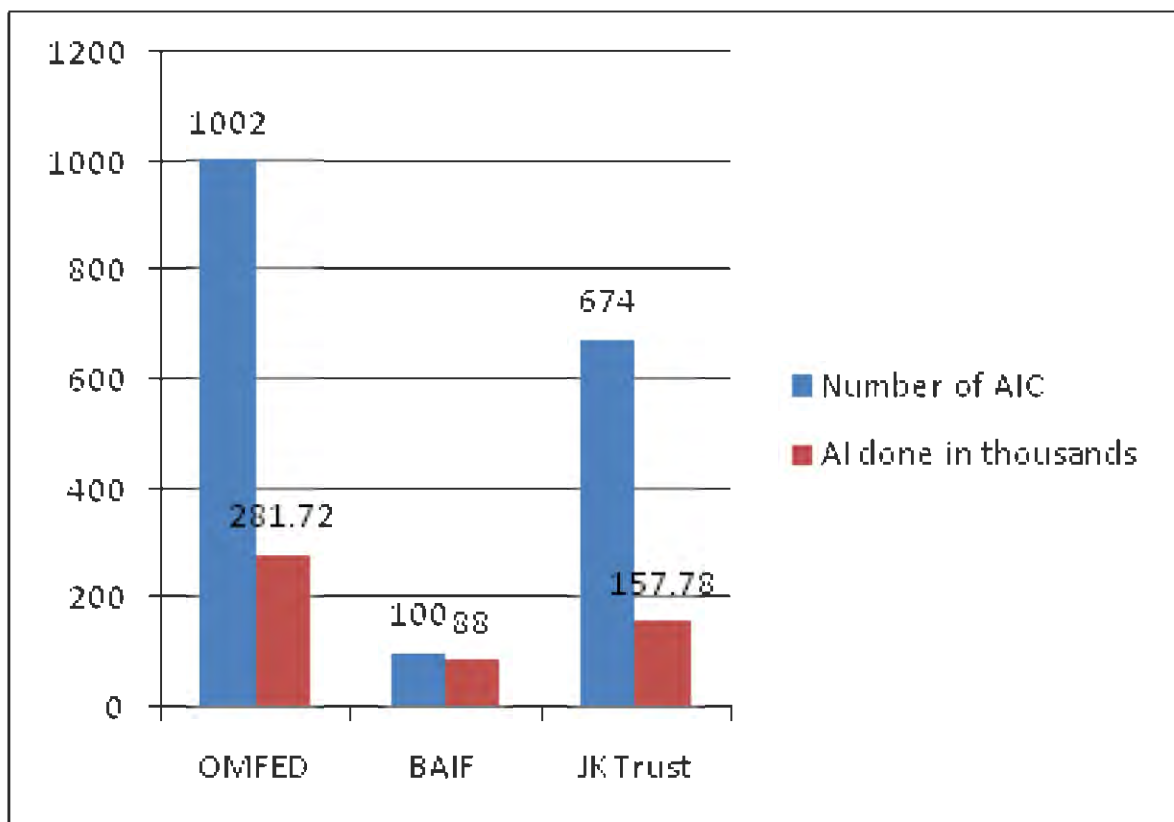
2016-17 which will ensure the Artificial Insemination (AI) service delivery system .

II. Service Delivery through private AI worker(Gomitra)

Door step AI facility was made available by engaging 913 Private AI workers (Gomitra) in the field. People were greatly benefitted by the services of Gomitra who conducted 181750 numbers of AI during the year 2016-17.

III. Collaboration with OMFED and other reputed NGOs

To bridge the institutional gap for providing service in the areas where department service is not able to reach collaboration was made with Milk Federation (OMFED) and reputed NGOs namely BAIF and JKTrust. The number of AIC and AI performed by these agencies is as follows.



IV. Trend in A.I. done

The number of AI done and progenies born for the year 2016-17 is 15.44 lakh and 06.13 lakh respectively. The district wise comparative AI and progenies born since 2014-15 to 2016-17 has been placed at appendix 2 shows that there is an increase in Artificial Insemination done to 15.44 lakh in 2016-17 from 11.65 lakh in 2009-10.

B. Quality Assurance in Bovine Breeding Services

To assure the quality a number of steps have been taken at various levels of production and service delivery chain of Bovine Breeding Services. The production schedule was planned and the shortfall in the production level was bridged by procuring good quality crossbred and buffalo frozen semen from leading organizations of our country.

I. Rearing Donor Bulls

Single pen accommodation has been created for rearing bulls in the frozen semen Bank, Cuttack. Care and management of breeding bulls was closely monitored following the Minimum Standard Protocol (MSP) prescribed by Govt. of India. About 60 donor bulls of different breeds like Haryana, Red Sindhi, Pure Jersey and crossbred Jersey are being maintained in the Frozen Semen Station for collection of semen. Moreover, 109 nos. of donor bulls were purchased this year and maintained at different bull rearing stations as future donor.

II. Modernization of Frozen Semen Bank Laboratory

Frozen Semen Bank, Cuttack is the only ISO institution of the state involved in bovine frozen semen production. The laboratory was established in the year 1978. To meet the ever increasing demand of frozen semen in scientific way detail planning for modernization of frozen semen laboratory was chalked out in consultation with experts from NDDB.

The breed-wise semen production from 2014-15 to 2016-17 is as follows

Breeds	20014-15		2015-16		2016-17	
	Total Bulls	Production	Total Bulls	Production	Total Bulls	Production
Jersey	17	3.04	10	2.26	10	2.08
CB	17	2.27	28	3.38	27	4.82
CBHF	0	0	0	0	0	0
Haryana	14	1.90	15	2.34	13	2.26
RS	13	1.79	18	2.17	10	2.05
Total:	61	9.02	71	10.15	60	11.21

III. Strengthening of Frozen Semen Bank (FSB), Cuttack:

Frozen Semen Bank (FSB), Cuttack is the only semen station in the State. Steps were initiated to upgrade the existing laboratory and managerial facilities as Good Management Practice Norms prescribed by Government of India. Strict bio-security measures have been developed. Plans have been chalked out to upgrade the laboratory rooms like processing and quality control, semen collection centre and sewerage system of the station.

IV. Liquid Nitrogen distribution system

Uninterrupted supply of the Liquid Nitrogen to the field AI institution is one of the critical point for quality AI service delivery. OLRDS maintain the supply of Liquid Nitrogen through Frozen Semen Station. Khapuria, Cuttack and CDVOs. During the year 2016-17, 12,48,063 litres of Liquid Nitrogen (LN₂) was distributed to field AI centers from Frozen Semen Station. Khapuria, Cuttack. For intra-

district transportation of LN2 vehicles supplied in the previous year were utilised . Funds for replacement/supply of 10 new vehicles have been planned .

Further, status of Liquid Nitrogen containers in the field level has been ascertained for maintenance of cold chain.

C. Monitoring of AI network:

I. Fixation of AI target

Keeping in view of the breedable bovine population and vacancy of AI technicians an annual AI target of 18.80 lakh was fixed involving all stake holders. Accordingly District wise AI target was distributed . Institution wise AI target was distributed at district level and micro planning was taken up to achieve the objectives.

II. Information Network for Animal Productivity and Health (INAPH):

Bovine breeding services are being delivered by a network of 5674 AI centres of various agencies namely OMFED, JK Trust, BAIF, Gomitra along with Govt. AI centres . For effective monitoring of the bovine breeding activities the INAPH software developed by NDDB for monitoring of breeding activities has been implemented for the first time in Odisha on pilot basis. Five Blocks of Cuttack district namely Kantapada, Salepur, Nischintkoili, Mahanga and Niali. have been taken up as operational area. Two modules under INAPH i.e. animal registration & identification and AI services have been taken up in consultation with experts from NDDB, During the year 2016-17, 4063 number of animals were registered and 4585 number of AI & 1549 number of pregnancy diagnosis was uploaded under INAPH Programme. Joint Director, FSB, Cuttack has been declared as State nodal officer for INAPH.



III. Review of AI activities

State level Monthly review of AI activities involving FSB, OMFED, JK trust, BAIF along with all CDVOs was being undertaken on monthly basis . District level periodic review was undertaken by CDVOs of the respective district to achieve the target.

D. Conservation and Development of Indigenous breeds

Four breeds of cattle namely Binjharपुरi, Ghumusari, Khariar & Motu and two breeds of buffalo namely Chilika & Kalahandi of Odisha have been recognized as cattle and buffalo breeds . These breeds poses unique genetic characteristics. Further due to continuous cross breeding these breeds are in verge of dilution. Effort was taken up for Conservation and Development of these Indigenous breeds involving Breeder Societies in the respective native tracts.

Four Breeders' Societies namely Chilika Buffalo Promoters Society (CBPS), Kalahandi Buffalo Producers Society (KBPS), Binjharपुरi Cattle Promoters and Producers Society (BCPPS), and Khariar Cattle Breeders Society (KCBS) have been set up in Native tract of Chilika, Kalahandi, Binjharपुर, & Khariar respectively. Two Binjharपुरi bull calves were procured from the farmers door step and reared in the BBR&BM Farm, Bhubaneswar. These calves will serve as future donor bulls. Funds have been placed to take up FPR 2000 number of Binjharपुरi Cattle, Khariar cattle, Chilika Buffalo and Kalahandi buffaloes (500 each).

4500 copies of Monograph of different breeds (Binjharपुरi, Ghumsari, Khariar, Motu, Chilika, Kalahandi breeds of Bovines and other Animal Genetic Resources of the State namely Kendrapada sheep, Raigar Goat and Ghumsari Goat have been printed.

E. Participatory Research Activities

I. Recording and Performance Analysis of Cross Bred Bovines:

To augment milk production through progressive enhancement of the genetic make-up of the CB bovine population of an area it is highly necessary to inseminate the cow with semen having more production potential than that of the particular animal. So, estimation and analysis of the milk production performance of the CB bovine population of an area is of utmost importance in order to make effective breeding intervention to boost milk production. "Recording and Performance Analysis (RPA) of Cross Bred Bovines" was initiated in five blocks namely Basudevपुर, Gop, Kesinga, Atabra and Hatadihi of Bhadrak, Puri, Kalahandi, Bargarh and Keonjhar districts respectively with a physical target of 1000 with an objective to record the production potential of CB bovine population in an specified area.



II. Field Performance Recording System (FPRS) and CB Bull production programme:

To meet the ever increasing demand of CB semen straws Participatory Research Activity: FPRS and CB Bull production programme was being implemented in 13 blocks of four district namely Cuttack, Jagatsinghpur, Puri and Bargarh. Under the programme 99 High Genetic Merit Bull calves have been procured from door step of the farmers basing on lactation yield of mothers. These bull calf are being reared at BBR&BM farm, Chipilima, Sambalpur and will be utilised at future donor bulls.

III. National Mission for Bovine Productivity (NMBP) is a sub scheme of RGM implemented during the year 2016-17. The Objective of National Mission for Bovine Productivity (NMBP) are as follows

- a. To enhance milk production and productivity of bovine population by increasing population of disease free high genetic merit female population and check on spread of diseases.
- b. To improve genetic quality of dairy animals.
- c. To increase trade of livestock and livestock products by meeting out sanitary and phyto-sanitary (SPS) issues.
- d. To create e-market portal for bovine germ-plasm for connecting breeders and farmers, especially from socio-economically weaker sections.

In the year 2016-17, an amount of Rs. 153.40 lakh (central share Rs. 91.98 lakh + State share Rs. 61.32 lakh) under Pashusanjeevani component of NMBP was released to OLRDS vide letter No. 3-70/2016-AHT(NMBP), Dt. 21.03.2016.

Risk Management & Livestock Insurance

'Risk Management' a component of sub-mission on livestock development under National Livestock Mission (NLM) is being implemented by Govt. of India in all the districts of the State of Odisha during this year.

This component aims

- Towards management of risk and uncertainties by providing protection mechanism to the farmers against any eventual loss of their animals due to death
- To demonstrate the benefit of insurance of livestock to the people. The indigenous / crossbred milch animals, pack animals (Horses, Donkey, Mules, Camels, Ponies and Cattle/ Buffalo Male), and Other Livestock (Goat, Sheep, Pigs, Rabbit, Yak and Mithun etc.) will be under the purview of this component.
- Benefit of subsidy is to be restricted to 5 animals per beneficiary per household for all animals except for sheep, goat, pig and rabbit, where the benefit will be restricted to 5 cattle units (1 cattle unit = 10 sheep/goat/pig/rabbit).

M/s New India Assurance Company Ltd., Mancheswar Branch (550105), Plot No- A-841, 2nd Floor, "Keshab Complex", Cuttack-Puri Road, Rasulgarh, Bhubaneswar-751010 have been selected to take up the Risk Management activities under National Livestock Mission for coverage of different types of livestock under safety net. District wise financial target has been distributed to all the districts.

F. RKVY Assisted Projects

I. Cattle Breed Improvement Project (CBIP)

The “Cattle Breed Improvement Project” (CBIP) has been launched by the Fisheries and Animal Resources Development Department (F&ARD) in collaboration with JK Trust Gram Vikas Yojana with a project outlay of Rs.896.39 lakh through establishment of 64 Integrated Livestock Development (ILD) centers in 03 districts of our State namely Cuttack, Dhenkanal and Nayagarh. During the current year an amount of Rs. 147.60 Lakh was released to JK Trust for smooth implementation of the program.

The number of AI done by JK Trust under CBIP program during the current year is 19682.

The project envisages production of progenies of high genetic merit along with enhancement of milk production of the State thereby assuring Dairy based livelihood support to the Livestock owners of the State.

II. Cattle Breed and Small Ruminant Improvement Project (CBSRIP)

The “**Cattle Breed and Small Ruminant Improvement Project (CBSRIP)**”

This programme has been launched by the Fisheries and Animal Resources Development Department (F&ARD) in collaboration with JK Trust Gram Vikas Yojana through establishment of 510 Integrated Livestock Development (ILD) Centers in 13 Districts namely Balasore, Bargarh, Boudh, Ganjam, Kalahandi, Keonjhar, Koraput, Malkangiri, Mayurbhanj, Nawrangpur, Nuapada, Rayagada & Sundergarh with a total budget allocation of Rs. 1285.00 lakh to take up activities like artificial insemination of breedable bovine , balanced feeding, vaccination, deworming of cattle, buffaloes and small ruminants for improvement productivity of the local breeds. During the current year an amount of Rs.450.00 lakh was released in favour of JK Trust for smooth implementation of program.

G. State Sponsored schemes

I. Cattle Development Programme (Kalyani): This is being implemented in 10 districts of our state namely Angul, Baragarh, Bolangir, Nuapada, Sambalpur, Sonepur, Kalahandi, Boudh, Nabarangpur, Koraput where in 100 CDCs have been established. Each CDC provides door step AI services to breed the local / CB cows using superior indian dairy breeds like Red Sindhi, Gir, Sahiwal, Tharparkar and exotic breeds cross like Jersey, Holstein Friesian, subsequent follow-up and input support (mineral mixture, de-wormers etc) services. During the current year an amount of Rs.784.40 lakh was released in favour of BAIF Development Research Foundation for smooth implementation of the program.

The achievements till 31st March, 2017 are as follows:

Activity	2011-12		2012-13		2013-14		2014-15		2015-16		2016-17		Total	
	Targ.	Achiv.	Targ.	Achiv.	Targ.	Achiv.	Targ.	Achiv.	Targ.	Achiv.	Targ.	Achiv.	Targ.	Achiv.
Exposure visit to farmers	100	71	100	96	100	96	100	150	100	105	100	94	600	612
Training of farmers	150	3690	600	11850	600	11315	600	11489	600	361	600	531	3750	39695
Infertility camps	150	115	300	298	300	509	300	350	300	158	300	254	1950	1899
Synchronization Camp	150		300	185	300	370	115	140	0	81	100	253	1065	1129
AI	50000	30083	55000	37383	60000	53365	65000	64045	70000	81622	75000	88008	455000	429529
Calf Born			15000	14113	18290	13124	20425	20157	23586	25049	35293	30930	142725	128095
Female calf born			7500	6852	9145	6298	10212	9505	11933	17647	17647	14875	71503	67353
Refreshing Training			4	1	4	3	4	5	4	0	4	3	20	13

II. Goat Development Programme:

This programme is undertaken in 5 districts namely Mayurbhanj, Sundargarh, Kendujhargarh, Balangir and Deogarh where 25 Goat Development Centers covering 665 villages, 25000 families were provided with breeding services, deworming, vaccination and mineral mixture supplementation. 250 Field Guides have been trained for providing these services.

The achievements are as follows:

Sl. No.	Activity	Target	Achievement
1	Training of supervisors	25	25
2	Training of field guide	125	125
3	Goat group formation	875	875
4	Selection of buck keeper	875	875
5	Training of Goat keeper at field level	6500	5255
6	Selection, insurance of bucks and procurement of buck distribution	962	999
7	Deworming, Mineral Mixture and supplement of buck	875	875
8	Weight monitoring at birth, periodically and before sale	30300	66523
9	Buck Service	43875	68973
10	Kids born through breeding services	30300	66523

III. Technology–Knowledge and Strategic Partnership :

Development of Chiplima Fodder Farm – 40 hectares of land available at Chiplima Fodder farm were undertaken by Kalyani-BAIF for development of fodder seed and planting material production farm.

I. Education and Training

I) Establishment of Regional Training Centre:

Training of departmental officials on various aspects on recent developments of Bovine breeding is one of the key requirements for successful implementation of different programmes. To cater the need of the State one Regional Training Centre at Remuna, Balasore was taken up. During the Year the work has been completed. It is expected that this RTC will be the nodal agency for Man power Development for the four districts namely Mayurbhanj, Balasore, Bhadrak and Keonjhar.

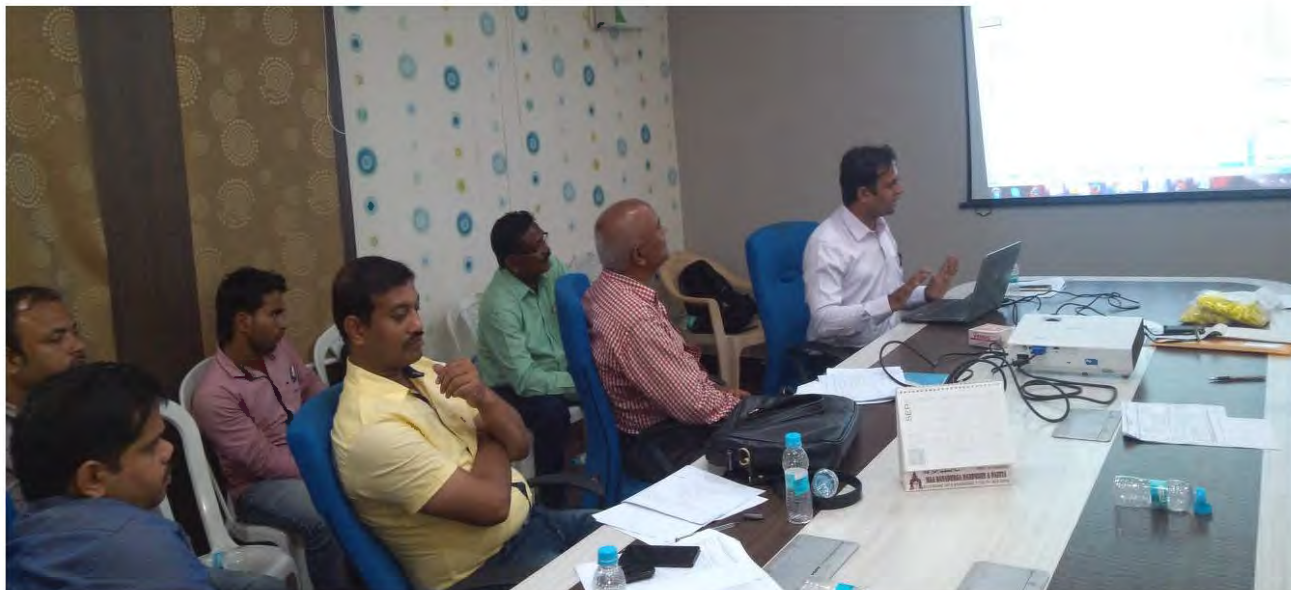


ii) ii) Trainers training programmes (TOT)- 98 Master trainers of 30 districts have been trained on implementation of INAPH in collaboration with NDDB.



iii) Training of Professional :

To monitor the AI Program INAPH has been implemented in 5 Blocks of Cuttack district namely Niali, Kantapada, Nischintakoili, Salepur & Mahanga on pilot basis . For successful implementation of the programme, 4977 number of AI technicians were trained on End User Training Programme through 105 number of traing programmes at district level .



J. Organization of Seminar & Workshops

- I. One day seminar on controlled breeding was organised on 31.10.2016 to share the experience gained during implementation of mass AI through heat synchronisation programme.



- II. Two workshops on “Use of Advance Technology in Bovine Breeding” and “To work out strategy to cover 100% breedable bovine under AI” has been organised on 31.12.2016 & 02.03.2017 respectively.



- III. Workshop on “AADHUNIKA PADHATIRE GO MAHISADI NKA PRAJANANA” has been organised on 21.12.2016 at Jaydev Bhawan, Bhubaneswar.



- IV. Workshop on “Use of Advance Technology in Bovine Breeding” and “To work out strategy to cover 100% breedable bovine under AI” has been organised on 31.12.2016 & 02.03.2017 respectively.



Devendra Chaudhary, Secretary of Department of Animal Husbandry, Dairying and Fisheries inaugurated the workshop, “To Work out a Strategy to Cover 100 % Breedable Bovines under Artificial Insemination” in Bhubaneswar. Dr Suresh Honnapagol, Commissioner (Animal Husbandry, DADF), Bishnupada Sethi, Secretary, F&ARD, Odisha were present on the occasion. Senior officials from the Central Government like A. Nanda Kumar, Director, Cattle, Dr. Bhusan Tyagi, Assistant Commissioner; Dr. Pramod Kaushik, Assistant Commissioner; Dr. Pankaj Deori, Deputy Manager were also present during the workshop. Around 550 field artificial insemination workers attended the workshop.



V. Review meeting- 8th Review meeting of all Secretaries under the Chairmanship of Secretary DADF , GoI has been organised on 01.03.2017 at Bhubaneswar. Principal Secretaries of Animal Husbandry, Dalrying and Fisheries of all States and Union Territories and Managing Directors of Dalry Cooperatives attended the meeting.The Union Secretary reviewed status of financial and physical progress of different activities. The vaccination programme along with bovine breeding plan to cover 100% breedable bovines were vividly discussed. Dr. O.P. Chaudhary, Joint Secretary, Sagar Mehera JC, Planning, Dr. Suresh S. Honnapagol, Commissioner AH, Dr. Bhusan Tyagi, Assistant Commissioner and several other officials of the Central Government were also present in the meeting that was attended by delegates from 22 States.



K. Users Charges

To make the AI programme self driven user charges is being collected at prescribed rate from the farmers . With the approval of the Govt. the user charge for AI was enhanced to Rs. 40 per AI for both Govt. and private players involved in AI service delivery with effect from 30.01.2017. During the year 2016-17 an amount of Rs. 1,70,56,505 /- has been deposited by CDVOs towards user charges at OLRDS .

L. OLRDS Face Book :

The Face book page of OLRDS was initiated to establish a learning and experience sharing platform for farmers and other stake holders involved in animal husbandry activities. For the continuous dedicated service to aware about various AH activities through social mass media (www.facebook.com/olrds) OLRDS got Social Media Empowerment Award and Excellence Award by the Institute of Economic Studies, at India Habitat Center, New Delhi on 24th February, 2017

M. New initiatives

I. Control breeding & heat synchronisation programme

To cover more number of non- descript cows under organised breeding a new initiative was taken up through Controlled breeding & synchronisation programme. Mass AI in camp mode was taken up in 17 districts from 2nd October 2016 to 14th October 2016. Under the Programme 9222 non descript cows have been inseminated and 3296 animal have been found pregnant.

ii. Marketing of A2 milk:

To establish marketing net work for indigenous cow milk and popularise the advantages of A2 milk funds to the tune of 200.00 lakh have been allocated by Govt. of India under RGM. Primary Survey has been taken up in the Native tract of Binjharpuri Cattle in the district of Jajpur. OMFED has been requested to establish mlk cooperatives societies and Chilling plant in the native tract of Binjharpuri Cattle .

iii. AI with Sex sorted semen :

Artificial Insemination using sex sorted semen is one of the new intervention in the field of Bovine breeding. It ensures 90-95 % female calf born and decreases the extra burden on farmers for rearing of male calves. It is being initiated in 5 INAPH operated blocks of Cuttack district namely Niali, Kantapada, Nischintakoili, Salepur & Mahanga. 3138 numbers of sex sorted semen doses have been supplied to the field and AI using this semen is in process.

NPBB-2016-17

SN	Components/Sub- Components	Target	
		Phy.	Fin. in Lakh
1.0	Extension of Field AI Network		
1.1	Establishment of Pvt. AI Centers through NGOs, Basic training, equipments, tapering grant etc for the Pvt AI Workers	200*	204*
1.2	Refresher Training for Existing Pvt. AI Workers (Gomitra)	500	15.00
1.3	Incentive Pvt. AI worker for Calf born	0	0
1.4	Equipments (Cryocan, AI kit, Travis, Castrator)	0	0
1.5	Tapering Grants for the Pvt worker	0	0
1.6	Training of Existing AI Worker	0	0
2.0	Strengthening Existing AI network		
2.1	Conversion of Non- AI Centre to AI Centre	200	80.00
2.2	Conversion of Static AI Center to Mobile Centers	225	36.00
2.3	Refresher Training of Existing AI Worker	500	15.00
5.0	Managerial Grant to SIA & Grants linked to activities		
5.1	Managerial Grant to SIA		20.00
5.2	Concurrent evaluation		0
7.0	Strengthening of LN Transport & Distribution System		
7.1	Bulk LN Transport, Storage & Distribution System upto AI Center	0	0
7.1.1	LN Tanker	0	0
7.1.2	Transport Vehicle for Intra-district Transport	0	0
7.1.3	Procurement, Storage & Transport Cryocontainers	400	80.00
7.2	Strengthening District Semen Depots	5	50.00
10.0	Other Breeding Activities		
10.1	Strengthening of Semen Station	01	100
	Total Project Cost		600.00

*An amount of Rs.200.00 lakh sanctioned vide Sl no. 1.1 was re-appropriated towards Strengthening of Semen Station at sl.no 10.1

Indigenous Breeds (IB)-2016-17

Sl. No.	Activity Component	Phy	Fin
3	Monitoring of AI programme		
3.1	Identification of females covered through AI	0	0
3.2	Identification of AI born calves	10000	1.50
3.3	Recording & Performance Analysis in IB bovine stock	1000	20
3.4	Computerization	100	50
4	Development & conservation of Indigenous Breeds		
4.1	Conservation and Improvement of Native Breeds	5	350
6	Manpower Development		
6.1	Development of Training Modules & Accreditation of Training		
6.2	Establishment/Strengthening of Training Center	2	10
6.3	Establishment of Regional Training Center		
6.4	Trainers' Training Programme	100	5
6.5	Training of Professional (outside State)	100	25
6.6	Organization of Seminar & Workshops	2	10
8	Procurement of Bulls for Natural Services & AI		
8.1	Procurement of AI bulls	150	103
9	Control of Infertility among Bovines	1256	125.5
10.2	Marketing of A2 milk (under RGM)		
10.2.4	Establishment of BMC, electronic milk testers and other equipments	0	200
	Total		900.00

Appendix 2

SL NO	DISTRICT	2014-15			2015-16			2016-17		
		TARGET	ACH. On AI	PROG. BORN	TARGET	ACH. On AI	PROG. BORN	TARGET	ACH. On AI	PROG. BORN
1	Angul	57836	42058	15877	57834	47478	16664	58000	46277	17655
2	Bolangir	60000	57437	13818	61682	61297	24359	63000	55166	26004
3	Balasore	101000	92767	30892	101807	100194	34363	105000	90278	38603
4	Bargarh	93500	84414	37364	93506	93100	34879	95000	91069	36266
5	Bhadrak	72068	52364	18610	72448	60047	19769	74000	61042	19736
6	Boudh	26288	24866	7088	27194	27463	9151	28000	26316	6327
7	Cuttack	167000	157650	63672	168871	169233	65899	172000	174162	69706
8	Deogarh	16600	11997	4769	16175	12534	4981	17000	11888	5382
9	Dhenkanal	52889	37540	14989	52836	40710	16811	53000	41494	17839
10	Gajapati	13300	6611	2452	13073	8334	2982	14000	7754	3512
11	Ganjam	83156	52737	20241	83027	50975	18899	83500	47274	18524
12	Jagatsinghpur	134643	131469	51863	135473	139195	55530	139500	135583	57326
13	Jajpur	79791	52268	16145	79797	57572	20253	81000	55181	23282
14	Jharsuguda	16299	10089	4649	16031	10960	4047	16500	9862	4723
15	Kalahandi	51000	48965	16402	51897	51389	13162	53000	42799	12803
16	Kandhamal	16631	11532	2112	16426	10992	2104	17000	9907	2173
17	Kendrapara	79171	78073	26411	80266	86985	33206	87000	77396	32221
18	Keonjhar	76525	50850	21410	76528	54663	20527	77000	54246	23538
19	Khurda	66525	49953	19594	66555	52493	19828	69500	49015	22067
20	Koraput	46344	50909	9942	55613	44269	11345	57500	38537	8661
21	Malkanagiri	19603	18717	5316	21465	20382	5551	23500	15989	2661
22	Mayurbhanj	86561	60399	21410	85965	65440	22888	90000	60932	25629
23	Nowrangpur	34405	32086	11897	36566	34487	10072	39000	26791	6846
24	Nayagarh	36147	28736	9693	36146	32525	11562	37500	33334	12887
25	Nuapara	22615	21764	4532	25224	23585	6165	25500	23920	5770
26	Puri	129602	112469	48973	129975	131296	45160	132000	124169	59944
27	Rayagada	28741	27721	6705	32847	29522	7617	34000	24174	5680
28	Sambalpur	49894	38582	15792	49894	39670	15761	51000	39453	16926
29	Sonepur	33941	30450	11263	34249	33845	10071	35000	32415	14404
30	Sundargarh	49894	42070	14973	50468	43204	15413	52000	37625	15752
	TOTAL:	1801969	1517543	548854	1829838	1633839	579019	1880000	1544048	612847

Abstract of activities undertaken during the year 2016-17

(Rupees in Lakhs)

Sl. No	Scheme	Activities undertaken	Target		Achievement	
			Phy	Fin	Phy	Fin
1	RGM	Refresher training to MAITRIs	500	15.00	500	15.00
		Training of existing AI worker	500	15.00	500	15.00
		Managerial Grant to SIA		20.00		6.00
		Strengthening District Semen Depots	5	50.00	5	50.00
		Field Performance Recording of IB bovines	1000	20.00	1000	19.23
		Establishment & Strengthening of training centres	2	10.00	2	10.00
		Trainers Training Program	100	5.00	100	5.00
		Training of Professionals(Outside State)	100	25.00	28	13.33
		Organization of seminars & workshops (District level, State Level and National level)	2	10.00	3	10.00
		Procurement of Bulls for AI	150	103.00	2	5.01
		Organization of Fertility camps	1256	125.5	880 camps	114.81
2	RKVY	Cattle Breed Improvement Programme(CBIP)- 64 centres	AI 10,496	147.6	AI 19,682	147.6
		Cattle Breed Improvement and Small Ruminant Programme(CBSRIP)- 510 centres	AI 1,00,000	1235.00	AI- 88,008, Calf born 30930, camps 400, training 600, Goat Development Centres 25	850.00
3	User charge	Collection of user charges towards AI				170.56
4	State Plan	Field Performance Recording System(FPRS) & CB bull production programme(initiated during 2012-13)	100		99	
5	Others	Artificial Insemination (AI) in lakh	18.8		15.44	
		Frozen Semen Straws Production (in lakh)	12		11.21	
		Datas uploading in INAPH software	10,000	3.50	AI 4585, Animal registration 4063	2.76

**Chief Executive Officer,
OLRDS**







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