



GOVERNMENT OF ODISHA

ANNUAL ACTIVITY REPORT
2019-20

FISHERIES & ANIMAL RESOURCES DEVELOPMENT
DEPARTMENT

ANNUAL ACTIVITIES REPORT

2019-20

ANIMAL RESOURCES DEVELOPMENT SECTOR

SECTORAL PROFILE

1.0 Introduction:

Livestock sector plays an important role in rural economy of the State. The growth rate of livestock sector is steady & it is being achieved despite the fact that the investment in this sector is not substantial. This is the sector where the poor gets benefits directly. This Sector has also the highest potential for rural self-employment generation at the lowest possible investment per unit. Development of Livestock Sector therefore, is critical to rural prosperity. The ownership of the livestock in the State is more evenly distributed with landless labourers and marginal farmers owning majority of livestock. This is one of the sector in which the rural women play a significant role in Animal Husbandry and are directly involved in most of the operations relating to feeding, breeding, management and health-care of the livestock.

The Animal Husbandry Sector in Odisha is harbouring good number of livestock wealth providing subsidiary income to the farming community of the State. To know the decrease/increase in Livestock population, Livestock census is conducted in every five year. Accordingly, the 20th Livestock Census was started in all the districts of the State during the year 2018-19 and data collection completed in 2019-20. For the 1st time, data were collected through Tablet based App and supervised through Web based App developed by the NIC, New Delhi.. As per the Provisional Report of 20th Livestock Census published by the GOI, the total bovine population-103.62 lakh, small ruminants-76.72 lakhs, pig-1.35 lakh & poultry-274 lakhs are in the State. It is reported that there is increase in Crossbred population.

As per TCD (Technical Committee of Direction for Improvement of Animal Husbandry, Dairying Statistics) Odisha ranks 10th in egg production, 12th in meat production and 16th in milk production among Indian States during 2018-19. Next to Agriculture, Animal Husbandry has the most important economic activity in the rural areas.

The Government of India has been supplementing efforts of the State Governments in the development of animal husbandry, dairying and fisheries sectors and providing assistance to the State Governments for control of animal diseases, scientific management and up gradation of genetic resources, increasing availability of nutritious feed and fodder, sustainable development of processing and marketing facilities and enhancement of production and profitability of livestock and fisheries enterprises.

The State has an estimated human population of about 41.97 million as per 2011 Census or 3.47% of the population of India. Approximately 83% of the population is rural. The population of Odisha has increased by about 1.4% per annum over the past 10 years compared to 1.7% for India as a whole. Total population is expected to reach 47 million by 2020. Home based animal husbandry units can be a major support system for the majority of the rural poor, who are either landless or are small and marginal farmers with un-irrigated land.

The activities of the Animal Husbandry Sector have been oriented towards health of livestock and increased production of milk, meat and eggs and to provide adequate bullock power for agricultural operations. The schemes of the Animal Husbandry Sector have been formulated in pursuance to the well-laid National policies to improve the Livestock production, to fight protein hunger and to improve nutritional standards of human population and also provide technical support for the maintenance of livestock and improvement of livestock breeds. Thus, Directorate of Animal Husbandry and Veterinary Services, Odisha is rendering the services to all the sections of people, in particularly weaker sections of society and play a vital role in the rural development by generating additional source of income and employment, by protecting their valuable livestock.

1.1 Financial Resources 2019-20:

The financial resources are broadly divided into three categories and budget release and expenditure is summarized in Table -1 to 5

- 2403 Animal Husbandry
- 2404 Dairy Development
- 4403 Capital Outlay

Table-1: Budget Head 2403-A.H- Animal Husbandry :

(Rs. in Lakhs)				
Sl. No.	Resource Head	Budget Estimates Including Supplementary	Amount Released	Expenditure(Upto 31.01.2020)
1	Administrative Expenditure- (Establishment Operation and Maintenance Scheme)	36431.75	36431.75	24251.79
2	Programme Expenditure (State Sector Scheme)	6801.43	6801.32	2729.72
3	Programme Expenditure (Central Sector Scheme)	0.00	0	0
4	Programme Expenditure (Centrally Sponsored Scheme)	7127.53	3226.78	3197.53
	Total:	50360.71	46459.85	30179.04

Table-2: Budget Head 2404- Dairy Devt.- Animal Husbandry

(Rs. in Lakhs)				
Sl. No.	Resource Head	Budget Estimates Including Supplementary	Amount Released	Expenditure(Upto 31.01.2020)
1	Administrative Expenditure	176.28	176.28	120.06
2	Programme Expenditure	3619.58	3619.56	3619.56
	Total	3795.86	3795.84	3739.62

Table-3: Budget Head 4059-Capital Outlay on Public Works- Animal Husbandry
(Rs. in Lakhs)

Sl. No.	Resource Head	Budget Estimates Including Supplementary	Amount Released	Expenditure(Upto 31.01.2020)
1	Programme Expenditure (Capital Outlay on Public works)	860.00	860.00	860.00

Table-4: Budget Head 4403-Capital Outlay on AH -Animal Husbandry
(Rs. in Lakhs)

Sl. No.	Resource Head	Budget Estimates Including Supplementary	Amount Released	Expenditure(Upto 31.01.2020)
1	Programme Expenditure (Capital Outlay on AH)	2722.60	2722.54	2722.54

Table-5: Budget Head 4404-Capital Outlay on DD--Animal Husbandry
(Rs. in Lakhs)

Sl. No.	Resource Head	Budget Estimates Including Supplementary	Amount Released	Expenditure(Upto 31.01.2020)
1	Programme Expenditure (Capital Outlay on DD)	8124.40	8124.40	8124.40

1.2 Vision, Mission & Goal

VISION 2020 : "To excel as a holistic support system by providing, securing and facilitating effective and efficient services to become self sufficient/ surplus in milk, egg and meat by enhancing Livestock productivity along with helping the poor to secure sustainable livelihood through livestock development and management while working in close coordination and partnership with allied institutions".

MISSION:

- ❖ To make Animal Resources Development an engine of growth of the rural economy of Odisha, providing income and livelihood opportunities to the people.
- ❖ To make dairying a viable livelihood option for small, marginal farmers and landless persons by strengthening all forward and backward linkages.
- ❖ To enable poor farmers to improve the productivity of animals like sheep, goat and pig.
- ❖ Attaining self sufficiency in egg production by developing poultry hubs and boosting entrepreneurship through strategic promotion of commercial, semi-commercial and small scale layer units.

- ❖ To make backyard poultry a popular and viable subsidiary farming activity in rural area
- ❖ Achieve self sufficiency/ surplus in milk, meat and egg production
- ❖ Enhance per capita availability of milk, eggs, and meat including poultry meat.
- ❖ Enhance availability of feed and fodder for economic dairy farming.
- ❖ Provide efficient veterinary services at the door step of the farmers.
- ❖ Transforming Veterinary service delivery in all district and sub divisional veterinary hospital through strengthening and modernisation for referral services.

GOALS:

- ❖ Create employment opportunity for 5 lakh farmers in ARD Sector within 10 years.
- ❖ Increase milk production from 2.31 million MT to 3 million MT per annum by 2023-24.
- ❖ Increase animal Meat production from 104.25 TMT to 120 TMT per annum by 2023-24.
- ❖ Increase egg production from 64 lakh eggs per day to 110 lakhs eggs per day by 2025.
- ❖ Increase poultry meat production from 97.25 TMT to 110 TMT per annum by 2023-24.

1.3 Institutional Mechanism:

There are 541 veterinary hospitals/ dispensaries, 3239 livestock aid centres in the State to provide veterinary services. The Central Clinics of Odisha Veterinary College has the facilities for outdoor treatment, doorstep health and artificial insemination services on payment.

Departmental Infrastructure:

Institution	Number
Veterinary Hospitals and Dispensary (VD)	541
Livestock Aid Centre (LAC)	3239
Frozen Semen A.I. Centres (Departmental-3319 + Gomitra-556+ OMFED-955 + BAIF-285)	5115
Clinical Investigation Laboratory, State Veterinary Laboratory	4
Animal Disease Research Institute	1
District Diagnostic Laboratory	26
Odisha Biological Products Institute	2
Department Training Centres	7
Livestock Breeding Farms	8
Poultry Breeding Farms + Duck Breeding Farms	8+2
Fodder Farms (13) + Seed Production Farms (8)	13+8
Sheep breeding farm	1
Goat Breeding Farms	6
Pig Breeding Farms	1

(Artificial Insemination in cattle and buffalo is carried out through 3319

departmental institutions (VD & Livestock Aid Centres), 955 OMFED AI Centres, 285 BAIF Centers and 556 Gomitras in the state)

Sanctioned staff strength & vacancy as per restructuring of different Cadre:

Group	Category of Posts	Sanctioned Strength	Men in Position	Vacancy (As on 31.01.2020)
A	Additional Director	3	0	3
	Joint Director - I	6	6	0
	Joint Director -II /CDVO	37	36	1
	Deputy Director/ SDVO/ ADVO	154	74	80
	Block Vet. Officers/Other Specialists	355	289	66
B	VAS/AVAS/other officers	925	710	215
	Fodder Officer with Sanctioned Strength (FDO-4 + AFDO-17 + SAFDO-22)=43	43	FDO-2, AFDO- 7, SAFDO- 14	FDO-2, AFDO-10, SAFDO- 8
C	VT & VT cadre	667	190	477
	Livestock Inspector	3330	2577	753
	Field Fodder Staff with Sanctioned Strength (JFDO- 30, A.S.O./Field Asst.- 95 = 125	125	JFDO- 23, A.S.O./Field Asst.- 67	JFDO-7, A.S.O./Field Asst.- 28

1.4 Supply of Livestock Outputs:

Livestock sector outputs like milk, meat, eggs has enhanced appreciably. The milk production has increased from 1651 TMT during 2009-10 to 2310.93 TMT in 2018-19. Similarly, animal meat and egg production has also increased from 69 TMT to 104.25 TMT and 2319 million to 2345.27 million respectively in the same period. The year wise production and per capita availability of milk, egg and meat is given in Table.

Year-wise Production and Per Capita Availability of Milk, Meat and Eggs :

Year	Production of milk (Thousand MT)	Per Capita availability of Milk (Gms/day)	Production of Animal Meat (In thousand MT)	Per Capita availability of Meat (Kg/Annunum)	Production of Eggs (In Millions)	Per Capita availability of Eggs Nos/annunum
2009-10	1651	109	69	1.67	2319	56
2010-11	1670	109	74	1.76	2357	56
2011-12	1718	112	76	1.81	2301	55
2012-13	1784	113	76.72	1.83	2323	54
2013-14	1861	117	81.26	1.86	2361	54
2014-15	1903	118	88.71	2.00	1924	43
2015-16	1938	118	92	2.04	1927	43
2016-17	2002	120	94	2.06	1974	46
2017-18	2087.5	124	98.83	2.16	2062	48
2018-19	2310.93	135	104.25	2.22	2345.27	50
2019-	1758.73		85.5		1956	

20(up to Jan.202 0)						
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2.0 Dairy Development:

2.1 Major achievements of Odisha Livestock Resources Development Society (OLRDS):

- 3319 Departmental institutions have been provided with AI Facility.
- 2940 Departmental Mobile AI centres are also providing doorstep AI service.
- 556 Private AI workers (Gomitras) have been engaged to render breeding and health related services at farmers' door step in inaccessible areas.
- Six Breeders' Societies namely Chilika Buffalo Promoters Society (CBPS), Kalahandi Buffalo Producers Society (KBPS), Binjharपुरi Cattle Promoters and Producers Society (BCPPS), Motu Cattle Promoters Society (MCPS), Ghumusuri Cattle Breeder Society (GCBS) and Khariar Cattle Breeders Society (KCBS) have been set up in Native tract of Chilika, Kalahandi, Binjharपुर, Malkangiri, Ganjam & Nuapada respectively towards breed improvement & conservation of all registered breeds of Odisha.
- Seven numbers of Khariar Bull calves and five numbers of Ghumsari bull calves are being reared at BBR&BM, Chipilima and BBR&BM Farm Bhanjanagar to be used as future donor bulls.
- Refresher training of 500 Private AI are being organised in three designated training Institutes of our State.
- Exposure visit for 70 nos. Departmental Officers has been organized to acquire advanced technology adopted in other States.
- Frozen Semen Bank, Cuttack has produced 7.563 lakh semen straws during the year 2019-20(up to January-2020) to be used for artificial insemination.
- ISO certified 9001:2008, Grade-'A' Frozen Semen Bank, Cuttack has been modernized & the bull stations have been strengthened. The Strengthening of Frozen Semen Bank is being taken up by availing assistance under Rashtriya Gokul Mission (RGM) and National Dairy Plan (NDP)-1.
- Jersey-23, CBJ-39, RS-08, Haryana-12, Gir-01, CBHF-17, and Binjharपुरi-8 numbers of bulls have been maintained at Frozen Semen Bank, Cuttack for regular collection of semen.
- Bulk LN2 transportation system for different districts has been strengthened.
- Action has been initiated to strengthen 20 District level Semen depots
- One Regional Training Center at Balasore has been established under RGM and the process of establishment of another training centre at Koraput district is under progress.
- Construction work of Administrative Building of OLRDS is under progress.

- Basic AI Training & refresher training are imparted to field AI workers.
- Awareness camps are being organised to control infertility among bovines.

2.2 Artificial Insemination in Cattle & Buffalo:

Special attention was given for quality frozen semen for insemination purpose. The Artificial Insemination (AI) in Cattle & Buffaloes has been achieved at 10.57 lakhs during 2019-20. (Up to January-2019-20)

Govt. of India is emphasizing on doubling the income of dairy farmers within coming 5 years. In order to increase the income of the farmers the productivity of livestock has to be increased. Under National Program on Bovine Breeding (NPBB) and RGM, it is planned to cover more bovine breedable population under organized breeding with special focus on genetic up-gradation of indigenous non-descript bovines.

The Department has taken steps to implement cross-breeding programme in order to cover more breedable cattle and buffalo under organized breeding to create four lakh cross bred/Graded female calves at the farmer's house. The artificial insemination service is being rendered through a network of 3319 (Static) Departmental AI centres, 2940 number of mobile AI centres, 556 numbers of Gomitra centers and 955 OMFED centers at the door step of the farmers.

During the year 2019-20, the Nationwide Artificial Insemination Programme (NAIP) is being implemented in all 30 districts of Odisha with a financial outlay of Rs. 2094.00 lakh for the year 2019-20. Under NAIP, 300 nos. of clusters per district have been selected having minimum 500 breedable bovine populations for AI in campaign mode for a period of 6 months i.e. from 15th Sept. 2019 to 15th march 2020. The AI services under the programme is being provided with free of cost to the dairy farmers. Under NAIP Incentive is being provided to the AI technicians @ Rs. 50/-per AI and @ Rs. 100/- per calf born basing on their achievement. 2,36,387 nos. of AI has been conducted till 04.02.2020 under NAIP and 1,29,239 AI data has been uploaded in INAPH portal & 1,10,131 AI data has been uploaded in NADRS portal.

2.3 Frozen Semen Bank (FSB):

The Frozen Semen Bank (FSB), Cuttack is the only semen producing station of the State, supplying semen to all the 30 Districts. The institution has got ISO 9001:2008 certifications and awarded with 'A' Grade by the Central Monitoring Unit of GOI. The Frozen Semen Bank, Cuttack is being strengthened under National Dairy Plan1 (NDP-1) for production of quality frozen semen.

Strengthening of FSB, Cuttack under NDP-INDP:

Under National Dairy Plan-I (NDP-I) the following activities were taken during the year 2019-20. The FSB, Cuttack has been strengthened through NDP-I.

- i. Different laboratory equipments as per the approved proposal like CASA-1, Bovine Photometer-1, Central Power Stabilising Unit for Semen Lab-1, LN storage Container – 31 nos. & Semi Automatic Liquid Nitrogen Distribution System-1 has been procured through National Competitive Bidding (NCB).
- ii. Different Farm Machineries as per the approved proposal like Borewell-1, Deweeder-1, Cultivator-1, Irrigation system (30 Ac.) -1 & Power chaff cutter-1 has been procured through National Competitive Bidding (NCB).
- iii. ICT items like Rack mounted server, Tap drive, SQL Server- Standard-Software, Windows Server 2008 Software & Desktops- 9 nos. have been procured as per the proposal through National Competitive Bidding (NCB).
- iv. 15 nos. of Awareness camp on zoonotic diseases and 4 nos. of Training on Workers health & Fire Safety under E&S Activity have been done at the level of the semen station.
- v. 31 nos. of Awareness camps as outlined in the proposal have been done at the level of semen station.
- vi. 20 Training programmes on Orientation on ISO, first aid & safety of worker has been done at level of semen station i.e. Frozen semen bank, Cuttack.

The achievements made by FSB, Cuttack are as follows (2019-20-upto January-2020)

Semen production (French Mini-0.25 ml straws)							
Jersey	CBJ	CBHF	Red Sindhi	Haryana	Gir	Binjharपुरi	Total
221760	262790	88565	76025	87600	2150	17145	756300
Breeding bulls (under regular semen collection)							
Jersey	CBJ	CBHF	Red Sindhi	Haryana	Gir	Binjharपुरi	Total
23	39	17	8	12	1	8	108
LN transportation & distribution system							
LN supplied in Lts.					12,16,161 litres		

2.4 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. To access the milk production potential of Cross Bred (CB) Bovine Stock in a specific area so as to Plan for future breeding intervention a Participatory Research Activity called "Recording and Performance Analysis (RPA) of Cross Bred Bovines" involving the farmers has been launched in the following blocks of our State.

Area of Operation

The program is being implemented in 5 blocks of the dairy potential districts of Odisha where CB population is concentrated.

Sl. No	Name of the Districts	Block	Target for selection of CBJ animals
1	Balasore	Baliapal	200
2	Kalahandi	Koksora	200
3	Khordha	Balipatna	200
4	Rayagada	Rayagada	200
5	Sonepur	Binika	200
Total			1000

2.5 Awareness camps for Control of infertility among Bovines:

To induce confidence among the farmers and popularize AI programme, 5000 awareness camps on infertility management have been organized in the year-2019-20 covering all the 30 districts.

2.6 Conservation and Improvement of Native 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.
- Six Breeders' Societies namely Chilika Buffalo Promoters Society (CBPS), Kalahandi Buffalo Producers Society (KBPS), Binjharपुरi Cattle Promoters and Producers Society (BCPPS), Motu Cattle Promoters Society (MCPS), Ghumusari Cattle Breeder Society (GCBS) and Khariar Cattle Breeders Society (KCBS) have been set up in Native tract of Chilika, Kalahandi, Binjharपुर, Malkangiri, Ganjam & Nuapada respectively towards breed improvement & conservation of all registered breeds of Odisha.
- Breed Improvement & Conservation of all registered breeds of Odisha have been initiated in its Native tract. First phase of FPRS in Binjharपुरi Cattle, Chilika Buffalo and Khariar Cattle have already been completed. Data base of 500 elite animals from each breed i.e. Binjharपुरi Cattle and Chilika Buffalo, Ghumsari Cattle and Khariar cattle are available with OLRDS. However the 2nd phase of FPRS has already been started in native tracts of all registered breeds.
- 7 Khariar bull calves and five Ghumsari bull calves were procured from the farmers door step and reared in the BBR&BM Farm, Cuttack, BBR & BM Farm, Chipilima and BBR&BM Farm, Bhanjanagar respectively to be used as future donor bulls by FSB, Cuttack.
- 12770 numbers of Binjharपुरi semen straws has been produced out of 8 Binjharपुरi bulls maintained at FSB, Cuttack for their use in the native tract of Binjharपुरi cow.

- Bovine Breeding Research & Bull Mother Farm (BBR&BMF) Bhanjanagar and BBR&BMF Cuttack are being strengthened for ex-situ breed conservation of Ghumsari cow and Binjharpuri cow.
- BBR&BM Farm, Kuarmunda will be strengthened for rearing of Sahiwal Bull mothers.

2.7 Integrated Livestock Development Programme (ILDP) by BAIF Development Research Foundation.

To boost up Artificial Insemination of Non Descript Dairy cows, Integrated Livestock Development Programme has been launched in Odisha in joint collaboration of Govt. of Odisha and BAIF Development Research Foundation, Pune with a budget allocation of Rs.24.83 Crore for a period of three years. The programme is being implemented through establishment of 285 Cattle Development Centres (CDC) covering 16 districts of the State such as Angul, Bargarh ,Balangir, Boudh, Cuttack , Ganjam, Jagatsinghpur, Jajpur , Kalahandi , Kendrapara Koraput, Nawarangpur, Nuapada, Puri, Sambalpur and Sonapur. The specific objectives of the programme are:

- I. Creation awareness among farmers, about the socio economic benefits of improving the local animals.
- II. Production of improved animals out of local non descriptive low productive animals.
- III. Generation of employment & income for rural families through Livestock component.

No of Cattle Development Centres in District are as follows.

Sl. No.	Name of District	No. of CDCs
1	Angul	21
2	Bargarh	20
3	Balangir	35
4	Boudh	7
5	Cuttack	15
6	Ganjam	10
7	Jajpur	15
8	Jagatsinghpur	20
9	Kalahandi	10
10	Kendrapara	30
11	Koraput	10
12	Nuapada	10
13	Nawraangpur	20
14	Puri	25
15	Sambalpur	25
16	Sonapur	12
Total		285

The total number of AI done under ILDP programme is 133840 (up to January-2020) and number of calf born is 38254 during 2019-20. (Up to January-2020)

2.8 Risk Management & Livestock Insurance

Govt. of India assisted National Livestock Mission carries the component of Risk Management and Insurance of the Livestock is currently under implementation covering 30 districts of the State of Odisha with OLRDS as the State Implementing Agency. The scheme envisages management of risk and uncertainties by providing protection mechanism to Livestock owners against any eventual loss of their animals due to death along with demonstration of benefit of the insurance of the Livestock. The scheme extends benefit of subsidies to the livestock owners with marginal /nominal reciprocation.

As per the guidelines, benefit of subsidy was 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).

During the year 2019-20 M/s New India Assurance Company Ltd. was selected to take up the Risk Management activities under National Livestock Mission for coverage of different types of livestock under safety net.

The physical achievement made for the year-2019-20 is detailed below.

Number of Large animals insured	Number of Small animals insured	Total animals insured
62952	21231	84183

2.9 Seminars / Workshops:

To sensitize and to develop a common understanding about Bovine breeding activities among the Veterinarians of the State three numbers of Regional Workshops on "Bovine Breeding Activities under RGM" have been organized at Balasore, Sambalpur and Koraput district. Veterinarians from the respective regions attended the workshop. Another Regional Workshop involving the Veterinarians of Cuttack, Dhnkanal, Jagatsingpur, Kendrapada, Kandhamal, Khurdha, Nayagarh and Puri will be organized at Cuttack.



2.10 Strengthening of Dairy Organization:

The scheme envisages supply of breeding inputs to the field Frozen Semen Artificial Insemination centres (5218) of the department for conducting FSAI for production of high pedigree progeny for augmentation of milk production in the state. The logistics like cryo-containers, AI gun, equipments, spares, annual maintenance cost, infrastructure repair and renovation in the semen station, processing units and field institutions are taken up for rendering uninterrupted services to the farmers. To achieve AI target during 2019-20, high pedigree semen straws, supply of liquid nitrogen, AI sheath & other A.I. inputs are ensured by the scheme. The Eight Bovine Breeding Research and Bull Mother Farms of the state maintain 695 heads of animals, 3, 53,625 lits of milk has been produced during 2019-20 & Rs.126 lakhs revenue has been deposited. During the current year 11 nos. of bull calves have been selected by the FSB Cuttack for breeding purpose. The Bovine Breeding Research and Bull Mother Farm of the State are to be strengthened to the full capacity to rear quality bull mothers of both native and crossbred animals for production of pedigreed donor bulls for FSB and conservation of native breeds. Accordingly Infrastructure development, induction of bull mothers of different native breeds/crossbred and their Operational cost of management of these farms are being taken up. Artificial Insemination plays the key role for milk production of the state. Thus this scheme plays an important role in generating farmers income.

2.11 Interest Subvention on Long Term Credit Support to Livestock Farmers

Term loan support to livestock farming: Livestock farmers used to avail term loan from banks for equipments, machineries, shed, procurement of livestock and other activities towards asset creation. State Govt. has extended facility of Interest Subvention of 3% in Dairy Scheme like DEDS. In these cases, Farmers will be benefited 3% slash over the accumulated interest on term loans. Banks have been mobilized to send the database of the farmers for Interest Subvention.

3.0 Small Animal Development:

The small animal development in the state has been emphasized to

enhance the meat production by improving the existing Small Animal Resources of the state through several interventions like genetic up gradation with supply of improved bucks and rams; health care measures including routine deworming & vaccination.

During the year 2019-20, under State plan scheme “Genetic up-gradation programme” there is no Budgetary Provision for strengthening of 7 nos. of Small Animal Farms (Sheep, Goat& Pig) to produce graded male by maintaining pure stock of locally suitable breed like Black Bengal and Ganjam. Critical intervention in small ruminant and Pig farming is availability of quality breeding males at farmers’ levels for up-gradation of the indigenous sheep Goat and Pig for enhancing the production and productivity.

List of the Govt. farm:

SI No	Name of the farm	Name of the District
1	Goat Breeding Farm, Kuaramunda	Sundargarh
2	Goat Breeding Farm, Deogaon	Bolangir
3	Goat Breeding Farm, Dadpaju	Kandhamal
4	Goat Breeding Farm, Jaring	Kalahandi
5	Goat Breeding Farm, Chiplima	Sambalpur
6	Sheep Breeding Farm, Chiplima	Sambalpur
7	Pig Breeding Farm, Chiplima	Sambalpur



Plan under Small Animal Development Sector for the year 2019-20

Small Scale Goat/ Sheep Farming:

During 2018-19, under State Plan Scheme “Small Scale Goat/ Sheep Farming” 4161 farmers would benefited with a subsidy Rs.17,500/-(as subsidy @50%) each to establish goat/sheep units. Rs.768.50 Lakhs has been provisioned

out of which the split over target 1674 Goatery Units would benefited during 2019-20.

Proposed plan under Small Animal Development Sector for the year 2020-21:

As the goats are mostly reared by the small, marginal and landless farming communities of Odisha, it is unviable for farmers to keep breeding buck for breeding purpose. Thus in most of the instances, the farmers breed their does with non descriptive indigenous, old and genetically poor bucks, as a result of which the birth weight as well as body gain of the offspring declines day by day resulting in economic loss to the farmers. In order to overcome this problem Goat AI is the only alternative to produce good quality offspring with high prolificacy.

BAIF Odisha has proposed for Goat AI under Integrated Livestock Development Programme (ILDPP) of Small Animal Development Centre (Goat Development Centre) in 10 nos. of districts of the State for the year 2020-21.

4.0 Poultry Development:

Poultry has been the fastest growing sector in providing employment to a significant number of people in the State. Poultry rearing is done mostly for the egg and meat production.

In order to boost poultry production in the state, the State Govt. have accorded Poultry as Agriculture Status. The State is still lagging behind the national average in per capita availability of eggs. Against the National per capita consumption i.e 79 eggs per Annum during the year 2018-19, in Odisha, it is only 50 eggs. As per the new Odisha Poultry Development Policy 2015 notified by the Government, there is a target to achieve production of 110 lakhs of eggs per day by 2025. As per the policy, various steps are being taken by the department to enhance the egg production in the State.

Odisha with the commercial layer population of 72.00 lakhs in 140 nos. commercial layer farms producing 64 lakhs eggs per day. It is an important state with respect to the poultry farming and poultry related industry. However, to increase the per capita availability of eggs, and to meet the nutritional requirement, the layer poultry farming has to grow substantially.

The following programme have already taken up to enhance the Poultry meat and Egg production of the State during 2019-20.

- Under Encouragement of Commercial Poultry Entrepreneur and Backyard poultry Production Programme, it has been targeted to support 29,000 nos. of landless SC/ST farmers in shape of supplying 50 nos. of LIT birds of 04 weeks old with a temporary night shelter. A sum of Rs. 3000/- per farmer is to be expended and budgetary provision of 878.11 lakh has been sanctioned and the amount has already been allocated to all the districts. The selection process of farmer has been completed and 4 weeks old chicks are being supplied in phase wise through empanelled suppliers

during the year 2019-20. 02 .00 lakh of 4 weeks LIT birds already been supplied to the farmers.

- Through a Livelihood support programme to farmers through Backyard Poultry farming during the year 2019-20, out of targeted 10,500 nos. of individual WSHG members (excluding the members of existing selected WSHG for establishment of Semi-Commercial Layer farming in Deep litter system during 2018-19)with sanctioned amount of Rs.400.00 lakh. The selection process is now continuing.
- A sum of Rs.1012.00 lakh has been sanctioned to support farmers through Layer farming in Deep Litter system in SHG mode. Around 1600 WSHG of State are to be supported under this project. Each WSHG will be supported with 200 sexed layer birds with a project cost of 0.90 lakh with 60% subsidy. The selection process of WSHG has already completed, 30 nos. District level ToT (Training of Trainers) & 99 nos. Block level training against the target nos. of 120 nos has already been completed. 39 nos of Poultry shed has already been constructed in Balasore and Bhadrak districts during the year 2018-19 to be under taken during 2019-20.
- A sum of Rs.11.99 lakh has been sanctioned to support farmers through layer farming in Deep Litter system through SHG mode in Nayagad & Mayurbhanj districts to support 22 WSHGs and the selection has already been completed during the 2019-20.
- During 2019-20, 48 number of district poultry hatcheries are in operation to produce day old chicks to meet the demand of backward poultry rearing scheme in the State and 5.46 lakhs of chicks have been produced and supplied to farmers till Dec, 2019.
- 4 nos. of Chicken Fresh outlets are established and operational at OUAT, IRC Village, Saheed Nagar, Chandrasekharapur through OPOLFED and 5 nos. of Chicken Fresh outlets are functioning through PPP mode in Jagatsinghpur, Khordha, Kandhamal, Bhawanipatna & Jaipur.



Commercial Poultry Farm



Rural Backyard Poultry

5.0 Fodder Development:

Introduction:

The fodder plays a vital role in economic development of the State. The Feed and Fodder comprises the daily ration as well as production ration of the livestock. The economic development through livestock can only be possible where there is availability of feed and fodder. Cultivation & feeding of nutritious fodder has not yet been fully adopted by the farmers of the State to exploit the production potential of Cross Breed (C.B) animals. There is wide gap between demand and supply of fodder in our state. In order to reduce the gap and create the awareness among the livestock rearers of State, various fodder development programme has been taken up by the Department in collaboration with ILRI.

Fodder Development Programmes in the State:

- i) Seasonal fodder cultivation Programme
- ii) Perennial fodder cultivation Programme
- iii) Distribution of Hand operated chaff cutter
- iv) Fodder Seed Production Programme (Farm).
- v) Fodder Production & Demonstration Programme (Farm).

5.1 Seasonal Fodder Minikit Programme:

Under this programme, fodder seed minikits are distributed free of cost to the farmer to take up seasonal fodder production. The minikits are supplied by Govt. of Odisha out of its own production at Departmental farms and procured from Govt. agency across the Country. During this year, 19753 Nos. of minikits have been supplied to the farmers of the State under State plan and 590 Nos of minikits have been supplied out of the production from departmental fodder seed production farms. Also 4700 Nos of minikits have been supplied out of state plan. 33333 nos of minikits out of RKVY and 400Nos of minikits out of departmental farm produce are distributed during Rabi season . The target of area of 14634 Ac have been covered by seasonal fodder cultivation.



Oat cultivation during



Distribution of Minikit

5.2 Perennial Fodder Production:

Perennial fodder can be viable for three to four years and production as compared to seasonal is much more in case of hybrid Napier crop. The perennial fodder cultivation require assured irrigation and fertilisation for higher yield. During 2017-18, there is proposal for cultivation of perennial fodder crop over an area of 4904.5 Ac. Out of which 1826.00 Ac has been achieved till 31.3.2019 and 814.25 Ac has been covered till 31.01.2020.

5.3 Distribution of hand operated chaff cutter:

Under RKVY, it has been targeted for distribution of 5300 Nos. hand operated chaff cutter in the State. As per requirement placed by Chief District Veterinary Officers 2771 Nos. of chaff cutter has been indented for supply to different district. Out of 2771, 1999 nos of chaff cutter have been distributed to different districts.

5.4 Fodder Seed Production Farms in the State:

Under the aegis of Director of Animal Husbandry & Veterinary Services, there are eight (8) numbers of fodder seed production farms which are located in different Agro-climatic zones of Odisha. The seed production farms were established with an objective to ensure supply of quality fodder seeds to the farmers for enhancing the productivity of fodder crops. The fodder seeds produced are being utilized for demonstration programme (minikits), fodder production in the Departmental dairy farms. Besides these, the fodder/pasture seeds produced in these farms are being sold to Soil Conservation Department, Forest Department and public for undertaking fodder /pasture development programme in the State. For production of certified fodder seed funds has been allocated from non plan scheme. Towards production of fodder seeds Rs 2.633 lakhs has been allotted to seed production farm Kuanrunda farms to cover an area of 10 Acres for fodder seed production and in other five seed farms like Panmahala, Salapada, Tarbod, Randapali & Kathapala targeted area of total 251.02 Acres out of left over funds from previous year out of RKVY are to be covered. As on 31.01.2020, 145200 numbers of roots/slips and 37.00 qtl. of fodder seed and 620.40 qtl. of green fodder have been produced by the Seed production farms in the state.

5.5 Fodder Demonstration Farms:

The state has 13 fodder farms where fodder & root slips of different fodder crops are produced. The green fodder and root slips produced in these farms are sold to dairy farmers and other agencies of the State. To maintain these farms funds are allocated from plan scheme. At present 468390 Nos. of root/slip and 9119.24 Qtl. of green fodder have been produced. An amount of Rs. 30.64464

lakhs have been allotted to different farms to produce fodder and planting materials and infrastructure development. Besides the 38870.23 Qtl. of green fodder has been produced in 8 nos. of BBR&BM Farms and fed to the farm animals during 2019-20 up to 31.01.2020

6.0 Livestock Health Care Service Delivery:

Optimum health management of the livestock resources of the State is one of the important programmes being taken up by the department. The department with its strong network of service delivery system in form of Livestock Aid Centers, Veterinary Hospitals and Dispensaries do exist for rendering the desired services to the livestock farmers. In addition, there are institutions like one Animal Disease Research Institute (ADRI) at Phulnakhara, Cuttack, One State Veterinary Laboratory (SVL) at Chipilima, Sambalpur, 26 Disease Diagnostic Laboratories (DDL) and 3 Clinical Investigation Laboratories(CIL) located at district and regional headquarters to assist the field institutions to take up the investigation and diagnostic measures for treatment and control of animal diseases.

6.1 Mobile Veterinary Unit (MVU):

The scheme Mobile Veterinary Unit has been implemented in all the Blocks of the state to reach the different areas of the block with a team of one Veterinary Asst Surgeon and one Para-vet for providing doorstep service to the farmers in order to ensure effective veterinary service delivery. This scheme has registered a huge success due to the overwhelming response of the farming community in the remotest part of the State.



Name of the Scheme	No. of MVU Days till Jan 2020	No. Village Covered on Repetition	No. of Livestock covered under Treatment, castration, operation	No. of Livestock covered under vaccination
Mobile Veterinary Unit	74074	139017	3660222	5329290
Total	74074	139017	3660222	5329290

The following achievement has been made under this programme.

Performance of Mobile Veterinary Units during 2019-20

6.2 National Animal Disease Reporting System (NADRS):

The NADRS involves a computerized network integrating MIS and GIS linking each Block, District & the State headquarters to the Central Disease Reporting & Monitoring Unit at DADF, Newdelhi. All the 314 blocks, 30 CDVO offices, Animal Disease Research Institute, Phulnakhara and the Directorate of AH&VS, Odisha, Mangalabag, Cuttack have been provided with Broadband connectivity for immediate disease reporting to the state and to Govt of India. The network connectivity is available in 346 nodes. The regular disease reporting status stands at 250 nodes.

6.3 Assistance to State for Control of Animal Diseases (ASCAD):

This is a continuing CSS scheme with funding pattern of 60:40 as CS: SS from the year 2017-18 (earlier it was 75:25 as CS: SS). The scheme is implemented to control economically important diseases of livestock & poultry by way of immunization.

Achievement under ASCAD during the year 2019-20:

Sl. No	Activities	Phy Target	Achievement till 18-01-2020
	Immunisation against economically important disease		
1			
2			
3			
4	Goat Pox Vaccine	4017200	3150770
5	ARV Vaccine	60000	5579

Under ASCAD Scheme ,70 NUMBERS OF REFRIGERATOR are supplied to field institutions for cold maintainance of biologicals and vaccines. For control and containment of Avian Influenza 900 PPE KIT and 900 N 95 MASKS are procured and supplied to field institutions. Also 20 lakhs syringe and needles are procured for Goat pox vaccination.

6.4 Control Programme_(C.P.):

In order to control most economically important & contagious diseases of animals in the State like PPR, Theileriosis , FMD & Anthrax following control programmes have been included under C.P. during 2018-19.

Control Programmes (C.P):

Sl. No.	Activities	Achievements till 18-01-2020
1	Immunisation against economically important disease	
i	Theileriosis Vaccine	113320 doses utilized
ii	PPR Vaccine	4110450 doses of vaccine utilized
iii.	FMD	7349210 doses of vaccine utilized
iv	Anthrax	1737260 doses of vaccine utilized

6.5 Vaccine Production and Preventive Vaccination in Livestock and Poultry:

The Odisha Biological Products Institute, Bhubaneswar, an ISO 9001:2008 certified institute had produced different life saving bacterial and viral vaccines for protecting the livestock wealth in the state. One Satellite Unit OBPI, Berhampur is also functioning to produce the Anthrax Spore Vaccine (ASV) and Enterotoxaemia vaccine (ENTV). The details of production of different vaccines are enumerated at Table below.

Vaccine Production during 2019 -20

Sl No.	Name of the Vaccines	Target (in lakh doses)	Name of the Manufacturing Unit	Total Production till Jan-20 (in lakh doses)
1	2	3	4	5
1	H.S.V. (Alum)	94.00	O.B.P.I.BBSR	57.57
2.	B.Q.V.	73.30	O.B.P.I.BBSR	39.33
3	RD (R ₂ B)V	40.00	O.B.P.I.BBSR	21.826
4	ASV	22.00	OBPI (SU) BAM	12.288
5	ENT	14.00	OBPI (SU) BAM	10.507
	Total	243.30		141.521

6.6 Society for Prevention of Animal Diseases(SPAD):

The Department gives focus on service delivery through mass vaccination, deworming, skill up gradation and awareness campaign on preventive & animal health care measures. To achieve this goal the Society for Prevention of Animal Diseases (SPAD) was registered under Society Registration act 1860 (Act XXI) on 18.05.2007 and presently functioning at the Directorate of Animal Husbandry & Veterinary Services, Odisha, Cuttack.

Aim and Objective of SPAD:

The major objectives of the society are as follows.

1. To co-ordinate with the other Departments & agencies in organizing trainings, seminars, workshop & animal health improvement activities.
2. To raise public awareness and community participation through appropriate social mobilization for improvement of Livestock Health Status of Odisha.
3. To mobilize resources from all possible sources with the approval of Governing Body to foster the cause of Livestock Development through proper restoration of animal health.
4. Generate subsistence income and gainful employment by providing training to field veterinary staff for control and prevention of Bacterial and viral diseases.
5. To Improve & maintain standard quality of Veterinary Biological products in production & marketing keeping pace with the changing trends.
6. To facilitate the process for complying with GMP & GLP norm and acquiring for ISO -9002 certification. (Total Quality management).

7. To facilitate appropriate Research Work for proper improvement of animal health & to provide specific extension pertaining to Livestock healthcare and management.
8. To ensure Proper Disease Surveillance, Epidemiological survey and forecasting to combat contagious diseases of Livestock and Poultry.
9. To provide the quality vaccine at village level farmer's doorstep.
10. Recycling of funds generated by sale of Inputs and services for sustainability of animal health activities.
11. To disseminate appropriate technology by undertaking proper investigation and study for prevention & control of diseases through seeking co-operation from farmers.
12. To protect farmers interest of reducing environmental pollution.
13. To facilitate expert potentialities of Biological by establishing contact with similar institutions in India and abroad for securing services & expertise to obtain requisite equipments & instruments for the purpose.

The society assists during emergency to procure vaccine, medicines as well as mobility during natural calamities. Besides, the funds of the Society is utilized for strengthening OBPI, DDL, CIL & ADRI, for training & awareness Programme, animal health control programme and mass deworming of breedable Cows etc.

6.7 Establishment of Animal Help Line with Veterinary Ambulance:

In the urban areas, Helpline addresses any emergency help required for stray Animals like Dogs, Cow, bulls etc. On receipt of help line call, the Ambulance reaches to the place of incident with team of Veterinary Doctor & Compounder to treat the animal right on the spot. Any types of dressing and stitches are done on the spot. Five Number of such Ambulance for Bhubaneswar, Cuttack & Berhampur, Sambalpur and Puri Municipality area are in function.

6.8 Support to Private Goshalas:

Stray animals lead a miserable life due to lack of proper feeding, health care measures. Few private Gaushals provide shelter to these animals & provides feeding, health care measures etc. But these facilities are insufficient. There are 41 registered Gaushals functioning in our State. These registered private Goushals are supported with financial assistance to meet feeding cost so as to increase their activities towards rehabilitation of old, sick & abandoned animals.

6.9 Animal Disease Research Institute (ADRI)

The Animal Disease Research Institute, Phulnakhara is a state level referral laboratory of the department dealing with research and diagnosis of different livestock diseases as well as disease monitoring & surveillance in the state. The institute further imparts training to the field functionaries working in different capacities of this department for up-gradation of their scientific know-how. The institute also renders expertise service during the phase of different natural calamities like flood, cyclone, outbreaks of avian influenza & Japanese encephalitis etc.



Different Divisions / Projects functioning at ADRI:

As of now, the Animal Disease Research Institute is functioning with the synergistic effect of following key laboratories (Divisions) and Projects/Schemes.

1. PCR Laboratory
2. Pathology Division
3. Parasitology Division
4. Bacteriology Division
5. Virology Division
6. Bio Safety Level - II Laboratory
7. Projects / Scheme such as
 - (i) Strengthening of Disease Surveillance by ADRI
 - (ii) AICRP on ADMAS
 - (iii) NADCP for FMD and Brucellosis
 - (iv) Training Programmes

1. Polymerase Chain Reaction (PCR) Laboratory

For diagnosis of the various viral, bacterial and parasitic diseases of livestock and poultry, recently one PCR laboratory is set up at ADRI under the Theileriosis Control Programme. PCR is an important modern confirmatory Molecular Diagnostic tool that identify the causal Pathogens at its Gene level. During the recent Episode of Lumpy Skin Disease (LSD) outbreak in Odisha , 29 samples were diagnosed by PCR at PCR lab. Besides these 83 nos of Bovine samples were testd for detection of Theileria Organism. In coming days the other animal diseases like PPR, Goat Pox, Brucella and Haemorrhagic Septicaemia etc. will be detected by PCR technique.



2. Activities of Pathology Division

- ❖ Regular and Routine hematological study and urine analysis.
- ❖ Post-mortem examination of livestock and poultry.
- ❖ Histo-pathological examination of tissue samples
- ❖ To maintain a data bank on the epidemiology of economically important diseases.
- ❖ Beside outbreaks, screening of serum samples from all species of apparently healthy animals to ascertain prevalence of different contagious and zoonotic diseases.

Pathological Sample tested for the year 2019-20 (Upto January, 2020)

Sl. No.	Parameters	No. of samples tested		
		ADRI	CILs, SVL & DDLs	Total
1	No. of blood samples tested for hematological study (Hb%, DC)	11347	16359	27706
2	No. of urine samples analyzed for different bio-chemical study.	1918	2034	3952
3	No. of Post-mortem conducted	899	9287	10186

3. Activities of Parasitology Division –

- ❖ Regular and routine testing of blood samples for blood protozoan diseases. Faecal samples / skin scrapings for endo and ecto- parasitic diseases.

Samples tested for the year 2019-20 (Upto January, 2020)

Sl. No.	Parameters	No. of samples tested		
		ADRI	CILs, SVL & DDLs	Total
1	No. of F/S examined in different species	1665	12580	14245
2	No. of blood smears examined for blood protozoa	5675	8280	13955
	Sample +ve for Theileria	5450	4086	9536
	Sample +ve for Babesia	5	80	85
	Sample +ve for Trypanosoma	4	1696	1700
	Sample +ve for Anaplasma	56	49	105

4. Activities of Bacteriology Division

- ❖ Isolation and identification of bacteria, mycoplasma and fungi along with antibiotic sensitivity study.

Samples tested for the year 2019-20 (Upto January, 2020)

Sl. No.	Name of the samples tested	No. of Samples Tested		
		ADRI	CILs, SVL & DDLs	Total
1	No. of milk samples tested for MCMT	500	1878	2378
2	No. of culture and antibiogram tests conducted for milk, blood and other samples	1005	919	1924

5. Activities of Virology Division & NADCP for Foot and Mouth diseases

- ❖ Surveillance and Diagnosis of Foot and Mouth Disease (FMD) to develop a complete picture of the prevalence of the disease in the State.

Report on Activities on FMD CP from 01.04.2019 to 31.01.2020

A.	(i) Number of Pre-Vac serum samples collected	-	
	4940		
	(ii) Number of Post-Vac serum samples collected	-	
	5220		
	(iii) Number of random serum samples collected (Bovine)	-	
	1709		
	(iv) Number of random serum samples collected (Sheep & Goat)	-	_____
	<u>447</u>		
		Total -	12316
B.	(i) No. of Pre-vac serum samples tested for FMD by SPC ELISA Test- 5 th Round – 2026		
	(ii) No. of Post-vac serum samples tested for FMD by SPC ELISA Test-5 th Round – 2000		

Report on Activities on PPR-CP from 01.04.2019 to 31.01.2020

(i)	Number of serum samples collected from sheep & goats	-	1513
(ii)	Number of serum samples collected from PPR outbreak area__	-	32
(iii)	Number of serum samples tested by ELISA test	-	1040
(iv)	Number of serum samples found +ve (PPR antibody)	-	615

6. Activities of Bio-Safety Level-II Laboratory & State Plan Scheme "Strengthening of Disease Surveillance by ADRI"

(a) Avian Influenza Surveillance Programme

A.D.R.I. team have been proactively engaged for surveillance of Avian Influenza both in domestic and migratory birds.

Tracheal swabs, Cloacal swabs, serum samples and environmental samples are collected from poultry birds, wild birds and migratory birds of water bodies like, Chilika Lake (Nalabana), Bhitarkanika bird Sanctuary etc.. Details of swab & serum samples tested at BSL – II Laboratory of ADRI by Rapid kit & ELISA and the samples despatched to different referral laboratories for screening against A.I. as detailed in the table.



Samples collected and tested for screening against A.I for the year 2019-20 (Upto January, 2020)

Total samples collected	samples tested BSL-II Lab. of ADRI		Samples tested at NIHSAD, Bhopal					Samples tested at RDDDL, Kolkata			
	Serum	Swab	Serum	Swabs	Dead birds	F/S & Env. Samples	Total	Serum	Swabs	F/S & Env. Samples	Total
16697	1778	10	821	778	07	94	1700	3262	8021	1926	13209

(b) NADCP for Brucellosis

Brucellosis causes abortion storm in productive dairy animals and having zoonotic importance. To assess the prevalence of Brucellosis in animals of our state surveillance is carried out. Brucellosis Control Programme was already lunched in the State with an aim to collect random bovine serum samples covering all the 30 districts to be screened by MRT / RBPT & ELISA test.

Samples collected and tested for screening against brucellosis for the year 2019-20 (Upto January, 2020)

Sl. No.	Disease	No. of samples received / collected	No. of samples / animals tested	No. found +ve	+ve Percentage
1	Brucellosis	951	951	11	1.15

(c) Anthrax C.P.

19 Districts out of 30 are prone to Anthrax outbreak in Odisha. Out of them Koraput, Rayagada, Sundargarh & Bargarh are mostly affected. Tissue, blood and blood soaked soil (as much as possible) are collected only from suspected case of Anthrax.

Sl. No.	Disease	No. of samples collected & tested at NIVEDI
1	Anthrax	15 (+ve cases - 1)

(d) Surveillance on Bovine Spongiform Encephalopathy (BSE)

To achieve negligible status on BSE for the state, Brain samples are collected from the dead animals such as Cattle & Buffalo showing the nervous symptoms prior to their death from various villages and different slaughter houses for its screening against BSE at RDDDL, Kolkatta.

Samples collected and tested for screening against BSE for the year 2019-20

Sl. No.	Year	No. of Brain samples collected and tested
1	2019-20 (Upto January, 2020)	10 (All -ve)

(e) Surveillance on John's Disease (JD) & Tuberculosis (TB)

Govt. farm animals as well as Bull calves and mother cows selected for purchase are screened against TB and JD.

Samples collected and tested for screening against TB & JD for the year 2019-20

Sl. No.	Disease	No. of samples / animals tested	No. found +ve	+ve Percentage
1	JD	86	0	0
2	TB	86	0	0

(f) Surveillance on Salmonellosis in Poultry birds

Sl. No.	No. of samples / animals tested	No. found +ve	+ve Percentage
1	2240	0	0

(g) Disease Outbreak Investigation

In order to strengthen the Early Warning Signal (EWS) in shape of Animal Disease Surveillance, a State Plan Scheme is being successfully implemented on proactive basis for control and containment of unprecedented disease outbreak and economic loss. All DDL/ CILs/ SVL are engaged in surveillance work to cover all the districts uniformly at a time. In addition, all animal and poultry disease outbreaks are attended instantly in every nook and corner of the state for prompt diagnosis and providing effective treatment for its control/ containment.

The occurrence of different outbreaks in the State are enlisted below for the year 2019-20 (Upto January, 2020)

Sl. No.	Name of the disease	No. of outbreaks reported	No. of animals / birds affected	No. of animals / birds died	No. of district affected
1	Anthrax	1	2	2	1
2	Black Quarter	3	25	21	2
3	H.S.	2	31	15	1
4	CSF	1	28	15	1
5	PPR	2	116	91	2
6	Avian Influenza	1 Epicentre	-	1024 birds culled	1
7	CCPP	2	99	86	1
8	Goat Pox	1	81	48	1
9	Capripox Virus infection (LSD)	5454	58783	11	24

7. Training Programmes of ADRI

Resource persons of this institute are imparting refresher training to in service Veterinarians and Para-Veterinarians of the State under different disease control programme to augment their technical-know-how.



Different types of Training Programmes on disease control are conducted in this Institute as follows.

Particulars	No. of Trainees
No. of Vets. trained on disease control programmes	225
No. of Vets.(I/c DDLs) imparted hands on training programme for Laboratory basic tests procedures	15
Nos. of Farmers benefited under awareness programme at ADRI	1527

7.0 National Livestock Mission:

National Livestock Mission (NLM), a Centrally Sponsored Scheme (CSS) was started during 2014-15 to achieve sustainable growth and development of Livestock sector. The Mission is designed to cover all the activities required to ensure quantitative and qualitative improvement in livestock production systems and capacity building of all stakeholder.

Three submission viz. Livestock Development, Feed and Fodder Development and skilled Development, Technology transfer and extension pertaining to state perspective have been proposed under this programme, to germane for improvement of Livestock productivity and initiatives under this programme.

Role of National Livestock Mission (NLM)

- Disseminate urgent letter of SLM to block level through of CDVO.
- Collection of feedback for onward transmission to NLM.
- Organisation of Vets/ Paravets/ Farmers training for dissemination latest technology knowhow for better productivity.
- Timely supply of inputs under NLM.
- Maintenance of all records/ reports on NLM.
- Identify critical gaps on Livestock based livelihood.
- Identify with banks/ Insurance Company and other stake holders.
- Liaison with banks/ insurance company and other stake holders.
- Converge with ATMA/KVK/ Local bodies for implementation of all Livestock development activities.

- Organisation of awareness camps.
- Project planning (area Specific) and impact study.
- Prepare extra aids and IEC campaign for district.
- Collection and compilation of success stories/ documentation.
- Identify user groups/ Lead farmers/ Contact person.
- Facilitate the process of organising producer group.
- Orientation of all AH staff on NLM.
- Block Micro plan for each component at district.
- Assist district team for achieving objectives.
- Maintaining of data base.
- Visit farmers' Field.
- Liaison with KVK to organise DFT
- Organise field trial and validate

During the year 2019-20 the following activities in ARD sector have been taken up in our State under National Livestock Mission. An amount of Rs. 1249.33 Lakhs (CS:749.60 Lakh::SS:499.73 Lakh) have been allotted by the Gol and under State plan for implementation of various component activities under NLM as mentioned below.

A. Sub-Mission: Livestock Development:

1. Innovative Poultry Productivity Project (IPPP)- Broiler birds (CS:SS:60:40):-

A new scheme on Innovative Poultry Productivity Project (IPPP) for economic and nutritional support to the farmers, IPPP(Broiler) Birds have been established in sixteen blocks of 3 FANI affected districts of the State i.e. Puri, Khordha and Cuttack

a. IPPP- Broiler (CS:SS:60:40)

Eight hundred fifteen farmers in 16 blocks in 3 districts namely Baliana & Balipatna block of Khordha district, Pipili, Delanga, Satyabadi, Nimapada, Gop, K.Prasad, Brahmagiri, Kanas, Kakatpur, Astaranga & Puri block of Puri district, Baranga, Kantapada & Niali block of Cuttack district have been assisted for establishment of broiler units under the programme. Six hundred hybrid broiler chicks are being supplied to each farmer in 4 batches (150 per batch) during the year for their economic support including assistance towards construction of poultry shed and feed cost. An amount of Rs. 916.88 lakh has been placed to the CDVO, Puri, Khordha and Cuttack, for establishment of 815 small broiler units @ Rs. 1,12,500/- per unit.

b .Risk Management & Livestock Insurance

Under the programme, the livestock (both Small & Large animals) of the farmers are being covered under Insurance to provide a safety net to the farmers and protect against un- eventual death of animals. As per the guideline of Gol under NLM the livestock farmers are provided with a subsidy of 50 to 80% towards premium cost for insuring their animals. The Physical and Financial achievement made under this programme is as follows.

Abstract of Physical and Financial outlay under NLM- 2019-20					
(Rs. In Lakh)					
Sl. No.	Planned Activities	Physical	Financial		
			Central Share	State Share	Total
A.	Livestock Development				
1	Innovative Poultry Productivity Project for Broiler in FANI affected districts (CS:SS::60:40)	815 Beneficiaries	550.13	366.75	916.88
2	Risk Management & Insurance coverage for Animal Including Small Animals (CS: SS:60:40)	80,000	199.47	132.98	332.45
		Animals			
Total			749.6	499.73	1249.33

8.0 Training & Capacity Building:

8.1 In-service Training and Exposure Visit:

The Department duly acknowledges capacity development of its human resources and good investment is made for building their competency. There are seven numbers of training institutes functioning in the department to provide different types of training program for different levels of in-service personals. Moreover, apart from utilizing the existing training institutes and trainers of the Department, there is always a scope to send departmental personnel to different reputed national institutes or farms as per the need to undergo training programmes.

One Veterinary Officer's Training Institute (Bhubaneswar), 3 Livestock Inspector Training Centre (Chipilima, Bolangir, Bhanjanagar), one Frozen Semen Artificial Insemination Training Centre (Cuttack), one Animal Disease Training Centre (Phulnakhara, Cuttack), one Fodder Training Centre (Pipili) are catering to the capacity building needs of the Veterinary field staff. The Department has given priority to human resource development and established a training system to impart need based training to AHD staff working at different levels. Technical, methodological and management training received priority focus.

Training of Veterinary Officers at VOTI (Upto January, 2020)

Sl. No.	Name of Training	Period	No. of Participants	Source of Fund
1	Training Programme on Small Animal & Poultry management	02.04.19 - 06.04.19	18	NLM
2	Training Programme on Small Animal & Poultry management	08.04.19 - 12.04.19	19	NLM
3	Training Programme on Small Animal & Poultry management	15.04.19 - 19.04.19	18	NLM
4	Training Programme on Small Animal & Poultry management	29.04.19 - 03.05.19	14	NLM
5	Training Programme on Small Animal & Poultry management	18.06.19 - 22.06.19	20	NLM
6	Training Programme on Small Animal & Poultry management	25.06.19 - 29.06.19	19	NLM
7	Internship Training Programme	07.07.19 - 11.07.19	22	
8	Training on Livestock Health Care and Disease Management	08.07.19 - 12.07.19	25	PED (CVE)
9	Internship Training Programme	12.07.19 - 16.07.19	20	
10	Training on Livestock Health Care and Disease Management	15.07.19 - 19.07.19	23	PED (CVE)
11	Training on Livestock Health Care and Disease Management	22.07.19 - 26.07.19	23	PED (CVE)
12	Training on Livestock Health Care and Disease Management	29.07.19 - 02.08.19	24	PED (CVE)
13	Training on Livestock Health Care and Disease Management	05.08.19 - 09.08.19	24	PED (CVE)
14	Training on Livestock Health Care and Disease Management	19.08.19 - 23.08.19	24	PED (CVE)
15	Training on Livestock Health Care and Disease Management	26.08.19 - 30.08.19	21	PED (CVE)
16	Training on Livestock Health Care and Disease Management	16.09.19 - 20.09.19	22	PED (CVE)
17	Training on Livestock Health Care and Disease Management	23.09.19 - 27.09.19	25	PED (CVE)
18	Training on Pet Care & Management	29.10.19 - 02.11.19	16	State Plan
19	Training on Pet Care & Management	04.11.19 - 08.11.19	20	State Plan
20	Training on Management of High Yielding Dairy Cows	18.11.19 - 22.11.19	19	State Plan
21	Training on Management of High Yielding Dairy Cows	25.11.19 - 29.11.19	19	State Plan

22	Training on Extension Management	02.12.19 - 06.12.19	20	State Plan
23	Training on Accounts and Administration	09.12.19 - 13.12.19	18	State Plan
24	Training on Accounts and Administration	17.12.19 - 21.12.19	19	State Plan
25	Training on Livestock Management in the Context of Climate Change and Natural Disasters	06.01.20 - 10.01.20	17	State Plan
26	Training of Trainers (ToT) on the "Vaccination Lite" and "Android" Animal Health Module of INAPH for the district level officers under NADCP for FMD & Brucellosis	08.01.20	35	Central Plan
27	3 days Training Programme of in-charge of DDL for Proper Functioning of District Diagnostic Laboratory	14.01.20 - 16.01.20	15	State Plan
TOTAL			559	

Exposure Visit by Veterinary Officers to outside the State under Rastriya Gokul Mission - (upto January, 2020)

Sl. No.	Name of Institution	Period	No of Participants	Source of Fund
1	Uttarakhand Livestock Development Board (ULDB), Deheradun	07.11.2019 – 10.11.2019	20	RGM
2				
3	BAIF – CRS, Urulikanchan, Pune, Maharastra	12.11.2019 – 14.11.2019	10	RGM
4	BAIF – CRS, Urulikanchan, Pune, Maharastra	09.12.2019 – 11.12.2019	10	RGM
5	National Dairy Development Board (NDDB), Anand, Gijurat	20.01.2020 – 24.01.2020	10	RGM
6	Kerala Livestock Development Board, (KLDB), Thiruvananthapuram, Kerala	28.01.2020 – 30.01.2020	10	RGM
7	National Dairy Research Institute (ICAR – NDRI), Karnal, Hariyana	27.01.2020 – 30.01.2020	10	RGM
Total			70	

Training at VOTI, Laxmisagar, Bhubaneswar :-



Training on Livestock Health Care and Disease Management



Training Programme on Pet Care and Management



Training on Livestock Management in the Context of Climate Change and Natural Disasters



Training on Extension Management

Exposure Visit conducted by VOTI, Laxmisagar, Bhubaneswar:-



KLDB, Mattupatti, Kerala



ICAR – NDRI, Karnal, Hariyana



BAIF – CRS, Urulikanchan, Maharashtra

ULDB, Rishikesh, Uttarakhand

8.2 Society for Management of Information, Learning & Extension (SMILE):

The Society for Management of Information, Learning and Extension (SMILE) is constituted in the year 2007 and has shouldered the responsibility for Capacity Building of the entire Veterinary workforce working at the different level. The organization is also taking care of the Capacity Building of both technical, non technical and ministerial staff working under the Department. It is also providing scientific knowledge and skill for livestock rearing.

During the year, the society collaborated with Soil Conservation and Watershed Mission for organising training at VOTI, Bhubaneswar for WMT members. SMILE has facilitated various trainings at Veterinary Officers Training Institute, Livestock Inspectors Training Institutes and District Training Centres.

Livestock owners are also trained at block and District level. Under various schemes, livestock farmers are trained on Animal Husbandry subjects. The details of Farmer Training conducted in the year 2019-20 are as follows.

Sl. No.	Name of Event	Duration	No of Batches	No of Participants Trained	Name of Scheme
1	Skill Up-gradation Training on Dairy farming	5 days	89	1780	State Plan – Up-gradation of skill in self-employment under ARD sector
2	Training on Fodder cultivation	2 days	37	740	State Plan – “Feed and Fodder Production in Different Agro-Climatic Zones and Utilization for Livestock of Odisha”

3	Training to Fodder Cooperative members	2 days	19	570	- Do -
4	Training on Broiler Management	3 days	3	60	NLM
5	Training on Management of Low Input Technology Birds	3 days	9	180	NLM
6	Training on Small Animal Management	3 days	37	740	NLM
7	Training on Perennial Fodder Production	1 day	14	280	NLM
8	Orientation Training for Women SHG regarding Layer farming in Deep Litter System(State Plan) @ 40 per batch	1 day	37	1480	State Plan
9	Fodder production	3 days	12	240	NLM
10	Awareness on Livestock insurance	1 day	43	1290	NLM
11	Infertility Management	1 day	1341	40230	RGM/Central Plan
12	Block -Officials of ARD Dept & Mission DLS	2 days	42	840	State plan
13	Training of Others Stake holders on AH Schemes and Programs	1 day	7	210	Central Plan
14	Block level Vaccinator NADCP	1 day	136	3400	Central Plan
15	Awareness cum AHC under Anthrax CP	1 day	17	170	Central Plan
16	IPPP broiler farming	3 days	17	340	
	Other Farmer Training	1 day		1828	DRDA/ ATMA/ RGM/LHDC/etc.
	Total		1860	54378	

The detailed training program conducted for Livestock Inspectors and Private AI Workers (Gomitra) in the year 2019-20 are as follows.

Sl. No.	Name of Event	No of Batches	No of Participants attended	Name of Institute	Name of Scheme
1	5 days refresher training of AI workers (Para-vets: LI/VT)	2	50	LITC, Bolangir	NPBB
2	5 days refresher training of AI workers	4	100	LITC, Bhanjanagar	NPBB

	(Para-vets: LI/VT)				
3	5 days refresher training of AI workers (Para-vets: LI/VT)	8	200	FSB, Cuttack	NPBB
4	Two Years basic LI Training	1	82	LITC, Bolangir	State Plan
5	Two Years basic LI Training	1	41	LITC, Bhanjanagar	State Plan
6	5 days refresher training of Gomitras	1	20	RTC, Balasore	NPBB
	Total	18	493		

8.3 Information, Education and Communication Programme:

This programme plays a very important role for creation of awareness among people, especially the livestock owners of the State in order to make them ready to take up modern livestock practices. This will also help them to overcome panic situation during occurrence of various emerging diseases like Bird Flu, Swine Flu, Rabies, Anthrax, etc. which are having zoonotic importance and public health problems. IEC programme contributes a lot by providing timely advice about the care and management, feeding and disease control aspects of animals during natural disaster/calamities like flood, heat wave, cyclone etc.





Table-1 IEC activities under Electronic Media 2019-20
(As on 31.01.2020)

Sl. No.	Name of Event	Number/ Figure
1	No. of programmes broadcast in AIR & audio spots	78
2	Duration of broadcast in AIR & audio spots	38,000 Sec.
3	No. of programmes telecast in TV media	18
4	No. of TV spots telecast in Doordarshan	75
5	Audio visual materials prepared for telecast	21
6	No. of Departmental website maintained	1

Table-2 IEC activities under Print Media 2019-20
(As on 31.01.2020)

Sl. No.	Name of Event	Number
1	No. of advertisements/advisories floated in newspapers and periodicals	74
2	No. of articles published in different newspapers and periodicals	8
3	Pieces of news published in various news papers	80

Table-3 Other IEC activities 2019-20
(As on 31.01.2020)

Sl. No.	Name of Event	Number/ Figure
1	No. of Wall Paintings	300
2	No. of Folk Media Programmes organized	90
3	Livestock Exhibition in State Level Agriculture Fair (KRUSHI ODISHA-2020)	1
4	State Level Livestock Exhibition (Go-Sambardhana Utsav)	1
5	State Level Livestock Exhibition (Gamha Purnima Utsav)	1

6	Workshop organized in interest of Farmers at State Level (Dairy Development Workshop)	1
7	Workshop organized in interest of Farmers at State Level (Poultry Development Workshop-World Egg Day)	1
8	Exhibition in District Level Fairs	30
9	District Level Livestock Exhibition (Go-Sambardhana Utsav)	30
10	District Level Livestock Exhibition (Gamha Purnima Utsav)	1



Animal Husbandry Extension Service through Mobile Advisories

The state plan scheme "Animal Husbandry Extension Service through Mobile Advisories" is being implemented in inter-telecom-network-compatibility format, as approved by Govt. Under this, 1.25 lakh farmers have been enrolled yet against a target of 1.85 lakh.

Table-4

Sl. No.	Name of Event/Work	Number
1	Number of farmers enrolled	1,25,000
2	No. of Voice Messages sent per day	6,25,000
3	Average no. of calls received at the Call Centre (Toll Free Helpline)	130
4	No. of Regional Workshops organized	3

Organization of exhibition for buyer-seller meet and transfer of technical know-how to the farmers:

The Buyer-Seller Meet is organized to acquaint the farmers with different breeds of Livestock & Poultry and its rearing practices for their economic benefits. This establishes direct contact between producer, buying agents, processor and users. Cattle exhibition is organized in the districts and state level

during Gosambardhana Week to make the people aware on Livestock production management and for scientific interaction between the farmers and the scientists for transfer of technical knowhow on milk, meat and egg production and organized marketing. In order to convey the technical knowhow in livestock farming , to aware the people on ongoing schemes in ARD sector district level Krushi Mohastav is also organized in each district.



State Level Gamha Purnima Festival/ Mahotsav-2019

Our Department organised the state Level Gamha Purnima Festival/ Mahostav-2019 which was held on 15.08.2019 at Badagada of Khordha district to celebrate the birth day of Lord Sri Balabhadra Dev with the show casing of Go-Pujan, cattle show, animal health camp and farmers training etc. Further a Fodder training programme and Cattle show was also organized at Ghatgaon of Keonjhar District on the occasion of Gamha Purnima Festival.



Observation of 68th Gosambardhana Week-2019:

68th Gosambardhana Week-2019 was observed from 29.10.2019 to 04.11.2019 and celebrated throughout the state. Both state level and district level functions were organized at different places where various activities such as cattle worship, cattle shows, exhibitions, meetings, prize distributions, farmers' trainings etc. were organized. Similarly a state level function has been organized at Mandasahi of Jagatsinghpur District on 04.11.2019.

9.0 Animal Welfare Activities:

State SPCA Odisha:

The Prevention of Cruelty to Animals Act 59 of 1960 (Central Act) has been enforced in our State for welfare of animals. Government of Odisha vide Notification No.15545/FYAH.dated 3.8.1976 have authorized the Inspectors of

State Society for the Prevention of Cruelty to Animals (SPCA), Odisha to exercise power under the said Act. The Inspector of SPCA in the field of animal welfare are conducting mobile courts with help of Police and Judiciary to check animal cruelty cases in different part of the State as well as programmes in educational Institutions, public places, religious places, cattle markets to rouse public consciousness towards kindness and compassion to animals. Besides, Animal Birth Control Programme (ABC), Relief and Rescue operation during natural calamity, T.V. & Radio Programme, Training Programme on animal welfare are being organized by SPCA to develop animal welfare activities throughout the State.

Animal Welfare activities undertaken through SPCA

Sl. No.	Activities	2019-20 (up to January 2020)
1.	No. of cases prosecuted under PCA Act, 1960	507
2.	No. warning cases issued to offenders	705
3.	No. of cases convicted	409
4.	Fine money imposed on cases convicted and deposited to Govt. account by court concerned.	Rs.55,570/-
5.	No. of awareness programme in educational institutes, public places, training programme on legal aspects & welfare of animals by involvement of SHG/PRI members/NGO personnel/ Slaughter House people/ Cattle traders/ Teachers/ Advocate/ Police & Forest personnel/ L.I., Gomitra & Sanitary Inspector to create consciousness about animal welfare	60
6	No. of dogs neutered under ABC & Rabies control programme in the State..	4197

10.0 Other Sister Organizations:

Utkal Gomangal Samiti (UGS):

Utkal Gomangal Samiti was established in the year 1936. The aim and objective of the Samiti is to bring all round development of the livestock through up-gradation of local indigenous stock by providing improved bulls & Buffalo Bulls etc. and to propagate different types of fodder cultivation & encourage public for the same.

There are 3 farms one at Patha near C.R.R.I., Bidyadharpur, Cuttack an area of 15 Acres, Bhogara near Khuntuni an area of 17 Acres and at Tirtol an area of 5

Acres in Jagatsinghpur District. Buffalo Bull calves for Natural Service are being maintained at Patha .

Natural Breeding Programme:

During the year 2019-20, this organisation has supplied 8 Nos. of Murrah Buffalo bulls will be supplied during this month of February- 2020.

During last 84 years, A Great number of stud centres have been increased and Utkal Go-mangal Samiti has also supplied huge numbers of different breeds of improved varieties of animals throughout the State for up-gradation of local stock. There is no doubt that the Utkal Gomangal Samiti has played a major role in economic growth of the State in Agricultural Sector by providing

improved bulls of Hariyana & Murrah Buffalo Bulls. After introduction A.I. through the Frozen Semen Technology, the activities of Natural Breeding programme have been squeezed. However this programme is being continued in-accessible areas in the State.

In the financial year 2019-20 Government has sanctioned Rs.42.00 lakhs only as Grant-in-aid to implement the Programme and management of Office as well as Bull Rearing and Fodder cultivation farms at Patha in a area of 10 ACs of land for feeding to the animals rearing at Patha. Presently, During the month of January2020, 24 Nos of Murrah Buffaalo Bull Calves have been purchased from Central Cattle Breeding Farm, Alamadhi, Avadi, Chennai. So presently 34 Nos. of M.B. bull/ bull calves are being reared at Patha Farm of Utkal Gomangal Samiti for supply to rural areas after attending the sexual maturity.

The Abstract on Achievement of the U.G.S., Cuttack.

Year	No. Of Buffalo Bull & Hariana bull stations	No. Of Service done	Progeny Born	
			Male	Female
2019-2020	188	4528	866	726

11.0 Odisha State Poultry Products Co- operative Marketing Federation Ltd (OPOLFED):

Odisha State Poultry Products Co- operative Marketing Federation Ltd (OPOLFED) is a state level apex co- operative organization registered as a society on 29-03-1976 and declared as an Apex Co-operative Federation on 22-3-1984. OPOLFED operates in two tier system i.e., Poultry Producers Co-operative Society (PPCS) & Women Poultry Co-operative Society (WPCS) at grass root level and the Federation at the apex level. Till date, 35 PPCS/WPCSs, Govt. of Odisha & OSCSTDFCC are members of this Federation. OPOLOFED's marketing activities like supply of eggs, packet eggs, dressed chicken meat to the consumers of Bhubaneswar and Cuttack is continuing through the authorised sales booth agents as well as the Chicken Fresh outlet established at SDVO campus

Sahidnagar, IRC Village, OUAT Campus , Chandrasekharpur and Sambalpur. Three nos of chicken fresh outlets on PPP mode has already been established at Jagatsinghpur , Phulabani & Khurdha Dist.

In addition to the above, two nos of OPOLFED Chicken Fresh outlet on PPP mode has been established at VD, Campus, Jeypore, Koraput Dist and New Bus stand, Bhawanipatna, Kalahandi Dist. during the financial year 2019-20.



(Chicken Fresh Outlet at VD Campus, Jeypore, Koraput)

Activities taken up by OPOLFED during 2019-20:

- OPOLFED has marketed around 28.00 lakhs of eggs and 102.0 MT of chicken meat and 238 MT
- OPOLFED has been supplying four weeks old LIT birds in Gajapati, Koraput, Kalahandi, Dehkanal, Malkangiri & Puri districts under TITLI, Drought & Pest affected areas and Rural Backyard Poultry project of the State. Till date, OPOLFED has supplied 2,75,203 nos. of LIT birds successfully.



୨୨୨ ପରିବାରକୁ କୁକୁଡ଼ା ଛୁଆ ବଣ୍ଟନ

ଓପୋଲଫେଡ୍ ନିଜର ଉପକାରଣ କ୍ଷମତାକୁ ପ୍ରଦର୍ଶିତ କରି ଓଡ଼ିଶା ସରକାରଙ୍କ ଅଧୀନରେ ଥିବା ଓପୋଲଫେଡ୍ କର୍ମସୂଚୀ ଅନୁଯାୟୀ ଓଡ଼ିଶା ରାଜ୍ୟର ବିଭିନ୍ନ ଜିଲ୍ଲାରେ ଥିବା ଗ୍ରାମାଞ୍ଚଳରେ ଥିବା ଗରିବ ଲୋକଙ୍କୁ ଛୁଆ ବଣ୍ଟନ କରିବା ପାଇଁ ଉଦ୍ଦେଶ୍ୟରେ କାର୍ଯ୍ୟକ୍ରମ ଆରମ୍ଭ କରିଛନ୍ତି । ଓଡ଼ିଶା ସରକାରଙ୍କ ଅଧୀନରେ ଥିବା ଓପୋଲଫେଡ୍ କର୍ମସୂଚୀ ଅନୁଯାୟୀ ଓଡ଼ିଶା ରାଜ୍ୟର ବିଭିନ୍ନ ଜିଲ୍ଲାରେ ଥିବା ଗ୍ରାମାଞ୍ଚଳରେ ଥିବା ଗରିବ ଲୋକଙ୍କୁ ଛୁଆ ବଣ୍ଟନ କରିବା ପାଇଁ ଉଦ୍ଦେଶ୍ୟରେ କାର୍ଯ୍ୟକ୍ରମ ଆରମ୍ଭ କରିଛନ୍ତି । ଓଡ଼ିଶା ସରକାରଙ୍କ ଅଧୀନରେ ଥିବା ଓପୋଲଫେଡ୍ କର୍ମସୂଚୀ ଅନୁଯାୟୀ ଓଡ଼ିଶା ରାଜ୍ୟର ବିଭିନ୍ନ ଜିଲ୍ଲାରେ ଥିବା ଗ୍ରାମାଞ୍ଚଳରେ ଥିବା ଗରିବ ଲୋକଙ୍କୁ ଛୁଆ ବଣ୍ଟନ କରିବା ପାଇଁ ଉଦ୍ଦେଶ୍ୟରେ କାର୍ଯ୍ୟକ୍ରମ ଆରମ୍ଭ କରିଛନ୍ତି ।

Distribution of four weeks old Layer birds on FANI affected areas of Puri Dist. through OLM , PR&DW Deptt., Govt. of Odisha

- OPOLFED has supplied 1177184 nos of four weeks old Layer birds, 126.850 MT poultry feed , 7800 kit poultry medicine to the 12656 house hold under FANI affected areas of Puri and khurdha District through Odisha Livelihoods Mission (OLM) under the Panchayati Raj & Drinking Water Department, Govt. of Odisha.
- OPOLFED has supplied 142.275 MT poultry feed, 5000 nos of Drinker & Feeder and 7800 kit of Medicine to the different GPLFs of Gajapati , Khurdha and Puri Dist. through OLM , PR&DW Deptt.,Govt. of Odisha .
- OPOLFED has supplied 28days old LIT birds , poultry feed, Drinker and feeder to the different Govt. Institution like: ATMA, KVK,OUAT(Research) etc.of the state.
- OPOLFED has taken up the integration of poultry bird programme in Nayagarh , Ganjam and Bhadrak districts under IPPP.
- State Govt. in F & ARD Department is requested to allocate funds to OPOLFED for establishment of Chicken fresh outlets by OPOLFED in Bhubaneswar, Cuttack, Jatni & Ranapur and 50 nos. of Chicken fresh outlets on PPP mode in potential marketing places across the State.

12.0 The Odisha State Cooperative Milk Producers' Federation Ltd.(OMFED):

Activity Report for the year 2019 -20:

The Odisha State Cooperative Milk Producers Federation was started during the year 1980 under Operation Flood-II programme and Registered under Society Act with Registration No- 6/BBSRDtd. 28.01.1980.Omfed is headed by elected Board of Directors represented by Chairman and Managing Director as CEO. The functions of OMFED are carried out through the affiliated Thirteen District Milk Unions (Cuttack, Puri, Dhenkanal, Sambalpur, Keonjhar, Balasore, Mayurbhanj, KMNR, BKN, Boudh, Kandhamal, Sundargarh & Mayurbhanja). Omfed has its own Eleven Dairies (Bhubaneswar, Balasore, Sambalpur, Keonjhar, Rourkela, Jeypore, Berhampur, Bhawanipatana, Dhenkanal, Slapada and Anugul) and other two Dairies i.e at Tirtol 20,000 LPD &Tangi 10,000 LPD maintained by Cuttack & Puri Milk Union respectively. Three new Dairies are coming up, One 5 Lakh LPD at Govindpur-Arilo near Baranga, 50000 LPD at Sonapur and 20000 LPD at Kendupatna, Cuttack. In addition to this two Cattle Feed plants one is situated at Radhadamodarpur in Cuttack district and another is at Jagannathapur in Khurda District. State Level Apex Cooperative Socceity having its brand name OMFED, has taken the responsibility to increase the Dairy Development activities in the State like Milk Procurement, Processing &Milk marketing.

Every financial year Omfed has prepared a budget for its turn over including all units in order to carry out its activities from Milk Procurement to Milk

Marketing and developmental works. That Budget is duly approved by the Board and after completion of the financial year, the achievements made against the budgetary allocation was reviewed once again by the Board.

During the year 2019-20, Omfed has budgeted turnover of Rs. 766.02 Crore and achieved Rs. 542.19 Crore (up to Dec'2019) in different fields such as Milk Procurement & Marketing.

Milk Procurement:

- OMFED is procuring around 4.55 lakh litres of milk per day from all the 30 districts of the State. As of now, 6044 societies have been organized in which 2.82 lakh farmers have been enrolled, out of which 1.13 lakh are enrolled as women members. Federation has recorded highest Milk Procurement i.e. 6.42 lakh litre of milk on 4th July, 2018. The farmers are also assured to procure all the marketable surplus milk in the societies without imposing any restriction. About 95% of farmers are getting their milk bill payment through their bank transfer.
- Omfed has organized 261 nos of Tribal Women Dairy Society and enrolled 9579 nos of farmer members and collecting 9012 Ltrs of milk daily. There is a provision to give subsidy on cattle feed, mineral mixture, SS Milk Can, De-worming medicines and different kinds of training programme to tribal women farmer members.
- In order to maintain transparency in milk procurement quality test and price payment to farmers, 1350 no. of Automatic Milk Collection Units (AMCU) have been installed at MPCs.
- Chilling infrastructure of 403 Bulk Milk Cooler with capacity of 8.75 lakh litres is available.
- Milk processing capacity of OMFED reaches to 6.70 lakh litres per day.
- Milk Powder Plant is made operational for conversion of 30000-35000 ltrs of milk to Milk Powder at Bhubaneswar Dairy daily.
- Farmers are provided with incentive of Rs. 6.96 crores towards cattle feed expenditure incurred during the lean period (Sept'19-Dec'19).
- Under RIDF a project for establishment of fully automated 5lakhs litres Dairy plant at Arilo, Govindpur, of Baranga Tahsil has been sanctioned in favour of Omfed. As against the estimated project cost of Rs.244.24 crore, NABARD sanctioned Rs. 244.34 crore out of which Rs. 232.12 crore as RIDF loan and State Govt. share of Rs.12.21 crore.
- It is pertinent to mention here that, agreement to this effect has already been materialized on 28.04.2018 with NDDDB for Tender execution of the project work within 33 months.
- During 2019-20, 22 lakh litre of milk has been sold as bulk sale and 40 lakh litre of milk has been converted to milk powder and ghee.

Milk & Milk Product Marketing:

- OMFED is supplying 5.0 lakh litres Milk & Milk Products to the customers through retail outlets/ distributors in the State.
- Due to purity of OMFED Ghee, on demand of Lord Jagannath Temple and Lingaraj Temple, Federation is supplying OMFED Ghee.
- Federation has launched Fat rich Gold Premium Milk & new Milk Products such as Sugar Free Ice cream/Sweet curd, Sugar Free Vanilla Ice cream & Probiotic Curd, fortified milk with vitamin A& D for lakhs of customers in the State.
- OMFED has started online marketing and home delivery system through M/s. Gozip.com
- OMFED has appointed Distributors for enhancing distribution network to market milk & milk products and Ice cream in new areas, townships and virgin clusters having low penetration in different Dairy operational areas. OMFED has appointed 48 Milk Distributors, 212 Product Distributors and 44 Ice cream Distributors for enhancing distribution network.
- OMFED has appointed 4306 nos. retailers to sell milk and milk products in the State during 2019-20
- OMFED has opened Sales Counters in special Jail Jharpada, Bhubaneswar Circle Jail, Choudwar, Berhampur, Baripada & Balasore.
- OMFED has tied up with reputed departmental stores such as modern trade super stores to market its value added products in organized retail & chain of retail stores on long term basis.
- Already 50 nos of e-cart is running successfully for distribution of Ice cream and other milk products.

Cattle Feed:

Premium cattle feed at Radhadamodarpur and Pallet Cattle feed having 20% crude proteins (Nutrigold) at Jagannathpur, Khordha are produced and supplied to the farmers at subsidized rate @ Rs.23.00/Kg & Rs.23.50 /kg respectively. The total capacity of both the plants is 350 MT /day.