



Section B

Animal Resources Development Sector

Highlights of the Year 2022-23: ARD Sector

Launch of Sex Sorted Semen (SSS) Programme for Artificial Insemination (AI) in Cattle

Artificial Insemination programme in cattle through use of Sex Sorted Semen technology has been launched in the State on 6th April 2022 for genetic improvement of cattle and enhancement of milk production in the state. Sex Sorted Semen technology is ensuring up to 90% chance of production of female calves with high genetic merit to enhance milk production along with reduction of male progeny, thereby reducing the burden of farmers to manage male calves & reduce stray cattle population in the state. Sex Sorted Semen of improved breeds such as Gir, Sahiwal, Cross Bred Jersey & Cross Bred Holstein Friesian are being made available for farmers. A total of 9 lakh Artificial Inseminations through Sex Sorted Semen is targeted for 3 years to cover 3.60 lakh animals in the state.



Statewide Animal Help Line: 24x7 helpline for emergency healthcare services to stray animals with Toll Free No.1962



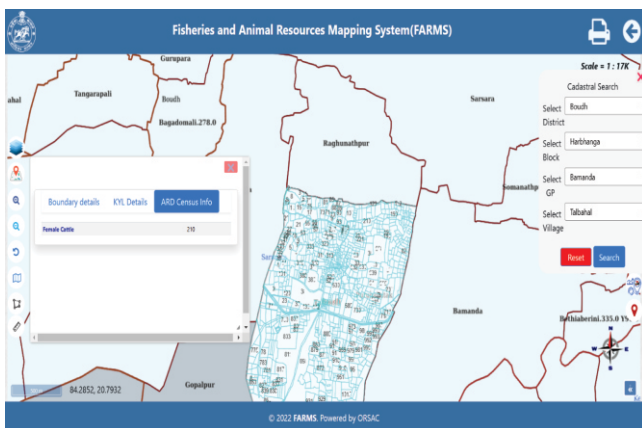
A dedicated 24x7 Animal Help Line Toll Free Number: 1962 has been launched in the state on 7th June 2022 to provide emergency animal healthcare services to stray and destitute animals across the state. On receiving a call from the citizens seeking emergency veterinary care for the stray animals which are sick or injured, the call centre immediately passes information to the respective Animal Helpline/Animal Ambulance/ABC center/MVU for further action. The veterinary team reaches the spot as early as possible and provides necessary health care to the sick animal.

Tele Veterinary Services: Livestock healthcare & advisory services through Toll Free Numbers 1962 & 155333

TeleVeterinary Services have been launched in the state by the Hon'ble Chief Minister on 7th June 2022 to provide advisory services to livestock farmers through telephonic discussions in order to enhance production & productivity of their livestock and support them in carrying out first aid measures for common ailments of livestock & poultry. Farmers and pet owners are able to access the facility by dialing the Animal Helpline Toll Free No.-1962 or AmaKrushi Toll Free No. – 155333



Fisheries & Animal Resources Mapping System (FARMS): Online GIS Mapping platform for animal husbandry and fisheries assets



Transparency and technology are core principles of the 5T commitment of the State Government. As a part of the 5T charter, F&ARD Department with support from ORSAC has developed an online WEB-GIS, Fisheries & Animal Resources Mapping System (FARMS) wherein each government asset of the Department and farm unit established is geo tagged,

mapped and made visible. All assets in ARD sector along with projects and schemes executed and implemented across the state can be visible and can also be eventually seen from remote sensing satellite images. FARMS portal also provides GIS based information on livestock population for each village in the state. It is a transformational initiative which will ensure transparency and accountability in scheme implementation along with facilitating planning process in ARD sector.

MOU with BAIF (Bharatiya Agro Industries Foundation) Livelihoods: Deployment of 1500 trained youth for Artificial Insemination and basic animal health care

An MoU has been inked between Odisha Livestock Resources Development Society (OLRDS) and BAIF Institute for Sustainable Livelihoods and Development, Pune on 7th June 2022 to select 1500 educated rural youth as Multipurpose Artificial Insemination Technicians in Rural India (MAITRI) to support livestock farmers of the state through providing services like artificial insemination and veterinary first aid measures.



Recruitment & Orientation of 146 new Veterinary Assistant Surgeons & 588 new Livestock Inspectors



The State Government has recruited 146 Veterinary Assistant Surgeons and 588 Livestock Inspectors as a measure towards strengthening livestock healthcare service delivery in the state. Role of Veterinary Assistant Surgeons is important in livestock health care & livelihood creation for rural people. Livestock Inspectors are the key personnel at grassroots who act as facilitators for the farmers. Handing over appointment orders, the Hon'ble Chief Minister, Odisha has expressed hope that the newly recruited personnel in F&ARD Department shall work with much of dedication, maintain transparency and

bring in smile & transformation in the lives of livestock farmers of the state.

Empowering Women Self Help Groups through Goat Rearing in Rural Areas of the State

As a measure towards empowering women in rural areas of the state, 2600 Women Self Help Groups (WSHG) have been supported by Fisheries & Animal Resources Development Department in collaboration with Mission Shakti Department for rearing of 30 female and 2 male goats each. It helps towards



promoting goat farming as a profitable enterprise, increasing meat production, supporting nutritional requirement of rural folk through consumption of animal protein besides generating employment for rural household along with economic uplift of rural women.

Empowering Women Self Help Groups through Broiler Poultry Farming in Rural Areas of the State



Poultry plays an important role in terms of providing instant income to the farmers and bringing substantial changes in their economic condition. In order to uplift the economic condition of rural women in the state and provide them a chunk of disposable income, Fisheries &

Animal Resources Development Department in collaboration with Mission Shakti Department has targeted to support 2500 Women Self Help Groups (WSHG) during 2022-23 with 40% of the unit cost as subsidy for establishing broiler farms in deep litter system with 1000 birds capacity.

Launch of Artificial Insemination Programme in Goats for genetic improvement & provide substantial benefits to goat farmers

Artificial Insemination Programme in goats has been launched in the state by the Hon'ble Minister, Agriculture & Farmers' Empowerment and Fisheries & Animal Resources Development on 7th December 2022. Under this programme, 147 Artificial Insemination centers across the State are providing Goat AI services to the farmers. As goats are mostly reared by small, marginal and landless farmers with an average flock size of 3- 5, it is economically unviable to keep a breeding buck for a small flock. The State Government has introduced AI in goats by using local germplasm like Black Bengal and Ganjam breeds for their genetic improvement and higher productivity.



Odisha Livestock Master Plan (OLMP)-2022



To encourage public and private investment with allocation of more budget for livestock sector, International Livestock Research Institute (ILRI) has developed 5 and 15 year investment plans for livestock sector in collaboration with Directorate of Animal Husbandry and Veterinary Services (DAH&VS). Demand for milk and milk production under BAU

(Business As Usual) scenario are anticipated to be increased annually by 8.3 percent and 2 percent respectively during the period from 2020-21 to 2035-36. It is expected that any additional investment in egg production will facilitate self-sufficiency in egg production, which can even generate income through export of surplus eggs. In case of chicken meat, the projected consumption will increase by 67 percent over the 15 years horizon (2020-21 to 2035-36).

Award & Recognition: Sri Gopal Rana has bagged 'Gopal Ratna Award' as the Best AI Technician in the Country

'Gopal Ratna Award' is one of the highest national awards in the field of livestock and dairy sector which aims to recognize and encourage individuals like farmers rearing indigenous animals, Artificial Insemination (AI) Technicians and dairy cooperative societies/milk producer companies/dairy farmers' producer organizations. Odisha's Gopal Rana bagged the 1st prize as Best Artificial Insemination Technician (AIT) under prestigious Gopal Ratna Award -2022 of Govt. of India. The award consists of a certificate of merit, a memento & an amount of Rs.5 lakh for Shri Gopal Rana who is a private Artificial Insemination Technician working in Balangir district.



National Level Dairy Summit at Balangir:



The District Administration, Balangir in collaboration with OMFED and Fisheries & Animal Resources Development Department has organized a mega event “National Dairy Summit” at Balangir. Balangir is now being emerged as a milk production & processing hub of the state with 3,18,000 litres of milk being produced per day in the district. Dignitaries & participants from around the country have attended the summit with enthusiasm, participated in the deliberations and shared their valuable

ideas for betterment of dairying in the state.

Introduction

Livestock sector plays an important role in rural economy of the State. The growth rate of livestock sector is steady. This is the sector where the poor get benefits directly. This sector has the highest potential for rural employment generation at the lowest possible investment per unit. Unlike land resources, ownership of livestock in the State is egalitarian with landless laborers and marginal farmers owning majority of livestock. Odisha produces 2402.06 Thousand Metric Tons of milk, 216.20 Thousand Metric Tons of meat and 3078.5 million eggs annually. Livestock sector's share in state's GVA (Gross Value Added) is 3.37% in 2021-22 while the growth of GSVA in livestock sector stood at 12.51%, which is higher than other primary sectors.

Twentieth Quinquennial Livestock Census-2019 statistics

Sl.No.	Species		20 th Livestock Census-2019 (Population in lakhs)
1	Cattle	Indigenous	83.23
		Crossbreed	15.80
		Total Cattle	99.03
		Indigenous Female	44.96
		Crossbreed Female	13.44
2	Buffalo		4.58
3	Goat		63.93
4	Sheep		12.79
5	Pig		1.35
6	Poultry		274



The State recorded a substantial increase in cross-bred cattle population. The cross-bred cattle population has increased from 13.06 lakh in 2012 to 15.8 lakhs in 2019. Crossbred female cattle population in the State has increased by 44 percent from 8.97 lakh in 2012 to 13.44 lakh in 2019.

Budget Provision (Administrative) in Lakh Rupees.

Sl. No	Year	Provision	Expenditure
1	2011-12	17,669.98	17,525.02
2	2012-13	18,683.23	17,873.73
3	2013-14	19,852.56	18,511.71
4	2014-15	20,669.39	20,311.35
5	2015-16	23,978.23	23,230.57
6	2016-17	26,820.59	24,733.16
7	2017-18	32,560.21	27,682.55
8	2018-19	36,272.32	28,885.57
9	2019-20	36,849.82	30,794.52
10	2020-21	37,051.63	29,935.26
11	2021-22	38,861.78	32,307.06
12	2022-23 (Up to Jan 23)	39923.49	30150.80

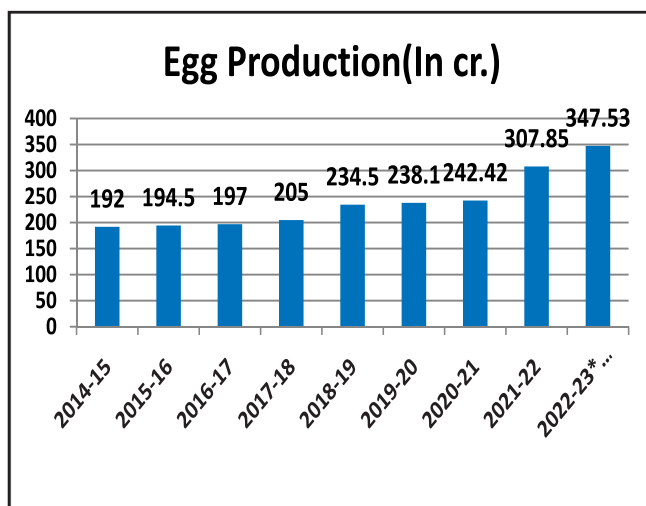
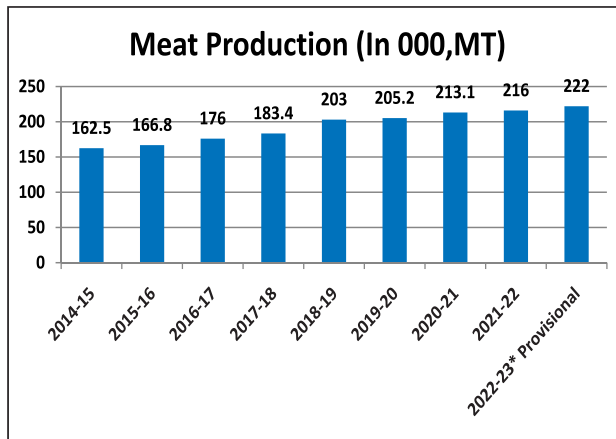
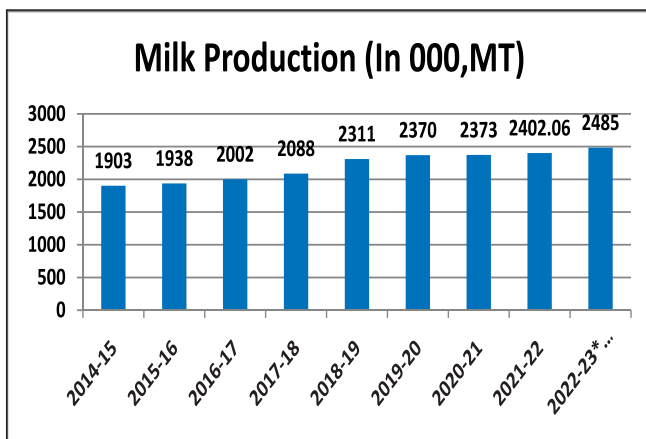
Budget Provision & Expenditure (Programme) in Lakh Rupees.

Programme Budget Provision & Expenditure (in Lakh Rs.)										
Sl.No.	Year	State Plan			Central Plan			Centrally Sponsored Plan		
		Provision	Sanctioned	Expend.	Provision	Sanctioned	Expend.	Provision	Sanctioned	Expend.
1	2011-12	6238.00	5838.17	4311.91	1597.94	5.00	5.00	1604.75	1101.03	1059.30
2	2012-13	6235.00	4498.52	4432.72	1648.19	914.97	899.67	1891.00	608.96	577.52
3	2013-14	8310.40	7755.36	7523.27	1010.06	268.77	268.77	2169.12	892.29	862.54
4	2014-15	12244.96	11589.15	10728.52	3891.56	1163.20	1163.20	4560.48	3010.97	2944.96
5	2015-16	17308.97	15662.29	15325.00	376.25	5.00	5.00	5620.75	2142.14	2128.82
6	2016-17	17578.68	11850.72	11773.49	0.00	0.00	0.00	6147.16	2568.24	2556.08
7	2017-18	14143.26	12793.27	12735.71	0.01	0.00	0.00	11313.95	2846.45	2811.79
8	2018-19	23037.87	22410.45	22332.76	0.00	0.00	0.00	9133.11	3230.32	3081.04
9	2019-20	22128.01	22127.82	22106.20	0.00	0.00	0.00	7127.53	3226.78	3221.56
10	2020-21	36366.36	32524.97	32524.97	0.00	1654.294	671.904	10340.30	3882.61	3866.79
11	2021-22	42192.29	40759.32	40759.32	0.00	5524.65	2153.78	10513.05	895.70	872.33
12	2022-23 (Up to Jan 23)	50996.34	45919.97	40377.71	0	0	0	11564.36	0*	275.87

Major Outputs from Livestock Sector:

Livestock sector produces milk, meat & egg. Milk production in the State has increased from 1718 TMT during the year 2011-12 to 2402.06 TMT in 2021-22. Meat and egg production have increased from 138.00 TMT to 216.20 TMT and 2301 million to 3078.5 million respectively in the same period. The year wise production and per capita availability of milk, meat and egg in the state are mentioned below.

Year	Production of milk(TMT)	Per Capita Availability of Milk(gram/day)	Production of Meat(TMT)	Per Capita availability of Meat(kg/annum)	Production of Egg (million numbers)	Per Capita availability of Eggs(numbers/annum)
2011-12	1718.00	112	138.00	3.29	2301	55
2012-13	1784.00	113	141.83	3.24	2323	54
2013-14	1861.00	117	153.82	3.29	2361	54
2014-15	1903.00	118	162.50	3.52	1924	43
2015-16	1938.00	118	167.00	3.66	1927	43
2016-17	2002.00	120	176.00	3.71	1974	46
2017-18	2087.00	124	183.42	3.86	2062	48
2018-19	2310.00	135	201.50	3.96	2345	50
2019-20	2370.27	136	205.18	4.29	2381	50
2020-21	2372.81	135	213.10	4.41	2424.2	54
2021-22	2402.06	134.43	216.20	4.42	3078.5	63
2022-23	2485.00	137.12	222.00	4.47	3475.3	70
*Provisional						



Dairy Development

For production of high pedigree progenies and augmentation of milk production in the state, breeding inputs are being supplied to 4680 field level frozen semen artificial insemination centres (Department:3433+Gomitra:282+BAIF:285+OMFED:680). Logistics involving cryo-containers, LN₂, AI guns, equipment, spares, and works like repair and renovation of semen station, processing units and field institutions are taken up for rendering uninterrupted services to the farmers.



Nationwide Artificial Insemination Programme (NAIP):

The NAIP under "Rashtriya Gokul Mission" was launched in the State on 15th September 2019 with an objective of enhancing milk production and productivity of bovine population along with focus on conservation and development of indigenous breeds. The scheme was in operation in the state for three phases as NAIP-I, NAIP-II & NAIP-III. Further, NAIP Phase-IV is under progress. A total of 6.6 lakh animals were covered under NAIP-I & a targeted population of nine lakh animals are being covered in NAIP-IV.



Conservation and Improvement of Native Breeds

- National Bureau of Animal Genetic Resources (NBAGR) has recognized Manda buffalo, found in the Eastern Ghats and plateau of Koraput region of Odisha, as the 19th unique breed of buffaloes found in India.



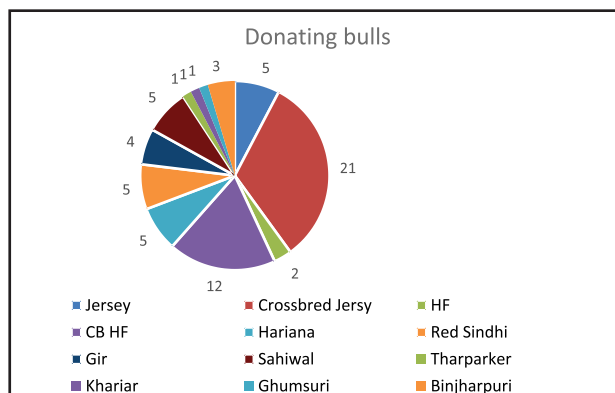
Engagement of MAITRIs (Multipurpose Artificial Insemination Technicians in Rural India) under RGM

- 1286 number of MAITRIs have been selected and training of 602 number of MAITRIs has been started at different Accredited Training Institutions (i.e. RTC, Balasore, LITC, Chiplima, LITC Bolangir, LITC, Bhanjanagar & OMTDC, Khordha) for

providing breeding services to dairy farmers of the state.

Frozen Semen Bank (FSB), Cuttack

- Frozen Semen Bank, Cuttack has been modernized and bull stations strengthened by availing assistance under Rashtriya Gokul Mission (RGM). Presently, it has a herd strength of 65 bulls for regular semen collection comprising imported Jersey, Cross-bred Jersey, Red Sindhi, Hariana, Gir, HF, Cross-bred HF, Sahiwal, Tharparker, Binjharipuri, Ghumsuri and Khariar breeds.
- A total of 1,19,173 doses of sex sorted semen have been distributed to 30 districts under ABIP-SSS project under RGM.



Small Animal Development

Goat rearing is a primary source of livelihood for poor people and a significant contribution to animal protein is being met through goat meat. Goat farming is increasingly becoming popular in the State due to rising demand for chevon and the suitability of the region for goat husbandry, particularly by the small, marginal, landless and agricultural labourers. Educated unemployed youth are also showing interest to rear goats in entrepreneurship mode.

Goat Development and Scientific Breeding through goat AI

Goat AI aims to genetically improve the local goat population of the State by adopting advanced scientific breeding technology. The programme was launched by the Hon'ble Minister, Agriculture & Farmers' Empowerment and F&ARD on 07.12.2022. Under the scheme, 147 AI centers across the state are providing Goat AI services and aim to cover around 25,000 number of inseminations during the year 2022-23.



Goat Farming through WSHGs

During the year 2022-23, under State Plan- "ILDP- Small Animal Development Center", a sum of Rs. 2990.00 lakhs has been provided for establishment of 2600 number of 30+2 goat units through Women Self Help Groups (WSHGs) with 50% subsidy.



Semi Commercial Pig Farming

During the year 2022-23, under State Plan- "ILDP- Small Animal Development Center", a sum of Rs. 160.00 lakhs have been provided. Under this new State Plan Scheme, the entrepreneurs are being supported with 40% subsidy for establishment of semi-commercial pig units (10 sows and 1 boar).



Small Scale Goat Farming under OMBADC

During the year 2021-22, a sum of Rs. 295.78 lakhs has been provided for providing livelihood support to 429 farmers of seven mineral bearing districts of Odisha through Small Scale Goat (10+1) Farming. Moreover, the Project Proposal for establishment of 336 number of (10+1) Goat units and 30 number of (5+1) pig units for the financial year 2022-23 has been approved and beneficiary selection is under progress.



Interaction with Goat Development Agencies

For Goat Development in the State, agencies like BAIF, Heifer International, Goat Trust were invited and various discussions were made in the presence of Principal Secretary, F & ARD and Director, AH & VS. The agencies were requested to come up with proposals for development of goat sector and better implementation, monitoring and issues relating to the livelihood scheme- “Goat Farming Through WSHGs (30+2)” being implemented in the state from 2021-22.

Meeting with IFAD, OPELIP - Mission Shakti Dept. - led to change in guidelines of goatary project

After the visit of IFAD Supervision Mission, a meeting was held with OPELIP and need based revision of “Goat Farming Through WSHGs (30+2)” has been made for successful implementation of the scheme in PVTG areas of the state. Also, a meeting was held with Department of Mission Shakti for early completion of selection of interested WSHGs.

Poultry Development

Poultry Development in the State has seen a remarkable change in the last decade. The sector has also uplifted the socio-economic status of rural people by providing opportunity for livelihood generation, self employment and income to the rural and unemployed youth. The state is self sufficient in terms of chicken meat production. However, the state has a steady growth in egg production sector. Department of Fisheries and Animal Resources Development has targeted to produce 120 lakh eggs per day by 2025. Commercial layer units as well as semi commercial units in the state have played a major role in bridging the demand- supply gap. Introduction of egg in Mid Day Meals program further increases the scope of small and medium commercial layer farming in the State.

Till 2022-23, Odisha has a commercial layer population of around 1 crore in 147 commercial layer farms and is producing 87.8 lakh eggs per day. From backyard poultry sector and semi commercial layer units established under state plan schemes, 8.73 lakh eggs are produced per day leading to a total production of 96.53 lakh eggs per day in the state. The per capita availability of eggs in the state is 70 (2022-23 provisional). In order to increase the per capita availability of eggs, the Govt. is encouraging the rural mass, unemployed youth, women to establish more no. of layer farms and to become poultry entrepreneurs.

Name of the Item	2018-19	2019-20	2020-21	2021-22	2022-23
Egg Production in million no.	2345	2381	2381	3078	3475 (provisional)

Name of the Item	2018-19	2019-20	2020-21	2021-22	2022-23
Meat Production in TMT	97	101.97	110	119	123 (provisional)



Livelihood Packages in Poultry

In order to provide livelihood support to the rural poor, women and unemployed youth, Govt has implemented the following schemes in poultry sector.

- ♦ Livelihood support to farmers belonging to destitute, transgenders, Persons with Disability, SC & ST categories through rural back yard poultry rearing with supply of 50 numbers of 04 weeks old LIT birds to each beneficiary with unit cost of Rs. 3750.00 (Rs 3250.00 towards bird cost and Rs 500.00 towards night shelter(100%subsidy).



- ♦ Livelihood Support to Particularly Vulnerable Tribal Group (PVTG) households through Rural Back Yard Poultry rearing with supply of 40 numbers (i.e 20 no.s of 04 weeks old LIT birds in 1st phase and 20 no. of Deshi Aseel birds in 2nd phase with a gap of 3 months of age) to each beneficiary with unit cost of Rs

3750.00 (Rs 3250.00 towards bird cost , Rs 500.00 towards night shelter and Rs 325.00 towards cost of poultry feed for 20 no.s of LIT birds).

- ♦ Support to farmers for Broiler farming (500 bird capacity) under Deep Litter System in individual mode with unit cost of Rs 1.80 lakh and subsidy of Rs 0.72 lakh(40% subsidy of the unit cost)
- ♦ Support to farmers for Broiler farming (1000 bird capacity) under Deep Litter System in WSHG mode with unit cost of Rs 3.60 lakh and subsidy of Rs 1.44 lakh(40% subsidy of the unit cost)



- ♦ Support to farmers for layer farming (1000 bird capacity) in cage system in individual mode with unit cost of Rs 7.592 lakh and subsidy of Rs 3,03,680.00 (40% subsidy of the unit cost)



- ♦ Livelihood support to farmers through duck farming with supply of 50 numbers of 02 weeks old ducklings with unit cost of Rs 4000.00 (Rs 3000.00 towards cost of duckling and Rs 1000.00 towards night shelter). to each farmer in convergence with farmpond plus scheme(50% subsidy of the unit cost)
- ♦ Semi- Commercial Duck Farming in Deep litter system in individual mode with unit cost of 3.75 lakh and subsidy of Rs 1.50 lakh(40% subsidy of the unit cost.



- ♦ Establishment of Mini Poultry Feed Mill with unit cost of 2.80 lakhs with subsidy of Rs 1.12 lakh for each beneficiary(40% subsidy of the unit cost).
- ♦ Establishment of Small Scale Poultry Hatchery for rearing day old chicks to supply different Govt. schemes with unit cost of Rs 6.60 lakh

and subsidy of Rs 2.64 lakh (40% subsidy of the unit cost).

- ♦ Establishment of Chick Rearing Unit through individual mode with unit cost of Rs 2.54 lakh and subsidy of Rs 1.016 lakh(40% subsidy of the unit cost).

Mukhyamantri Krushi Udyog Yojana

Mukhyamantri Krushi Udyog Yojana – is a State funded scheme for establishment of more number of commercially viable Agri Enterprises in the State in a simple, online, transparent & timebound manner. An agri entrepreneur has to apply online through a user friendly web portal www.sugam.odisha.gov.in . MKUY has been launched on 01.06.2018 for ensuring efficient service delivery for agri entrepreneurs by way of ease of doing agribusiness under State Agriculture Policy. APICOL is designated as the State Nodal Agency and Line Departments are implementing MKUY in the state.

Portals		Go-aheads	Credit linked	Self finance	Project grounded/ project in - progress	Projects completed
Go sugam	Numbers	1340	677	663	1326	14
	Amount	471.68	404.31	67.37	466.39	5.29
NIC	Numbers	133	129	4	83	50
	Amount	53.21	52.81	0.39	36.29	16.91
Total	Numbers	1473	806	667	1409	64
	Amount	524.89	457.12	67.76	502.68	22.40



Fodder Development

The existing trend in livestock feeding system in Orissa, a “Low input Low output” system is practiced. Almost all the livestock species in Odisha depend on seasonal occurrence of natural grass, crop residue, crop by products and grazing on the common property resource such as village Gochar land, forest floor, village waste land and along the irrigation canal where ever available. Only less no. of elite farmers/ dairy entrepreneurs grow cultivated fodder species that are cut and carried to the shed but again not to the nutritional accomplishment of production requirement. Further, small ruminants survive entirely on grazing.

Thus, enhancement of fodder production is quite inevitable for the State of Odisha for economic milk and meat production. Millions of tiny livestock enterprise scattered around the State, suffer from inadequacy in green fodder for which they are compelled to shut down their enterprise.

Seasonal Fodder Minikit Programme

Farmers are encouraged to cultivate seasonal fodder in their own land and Government is providing the most critical input i.e. Fodder Seed during Kharif and Rabi season in the form of Minikit containing both cereal & legume fodder seed at the farmer's door step free of cost to cover an area of 0.25 Ac.

Minikit Supplied for the last 3 years:

Year	No of Minikits Supplied
2020-21	39,436
2021-22	29580
2022-23	30133
Total	99,149



5.2 Perennial Fodder Production:

The main aim of this scheme is to create a permanent green resource base in the farmer's field for their milch animals or small animals. The selection of perennial fodder crop species depends on the category of land, availability of irrigation facility and type of animal maintained by the farmer. Most of the perennial fodder crops are propagated through stem cuttings or rooted slips and Government has fodder farms in district level for production and supply of planting materials to the farmers and supporting the beneficiaries to establish perennial fodder plot.

	Year	Target in acre	Achievement in acre
1	2020-21	2150.75	2150.75
2	2021-22	2500	2500
3	2022-23	2400	2197
Total		7050.75	6847.75



Azolla unit:

Support to women farmers for establishment of Azolla units is being implemented in all blocks of the State. In 314 blocks, 7850 no. of Azolla units are being established @ 25 Units per block during the year 2022-23. This programme is especially meant for women farmers for production of Azolla in their backyard for feeding the milch animals to increase the profit margin on milk production by reducing the consumption of the concentrated feed.



Crop Residue Enrichment Programme

Government is extending support exclusively to the women dairy farmers through supply of required inputs like Urea, Common salt, Di-Calcium Phosphate powder, Ground maize and Jagerry/



Molasses and technical knowhow for enriching crop residue i.e. paddy straw to feed the dairy animals for better productivity and consumptive use of paddy straw.

Conservation & Development of Gochar land for fodder cultivation

During the year 2021-22, it is targeted to conserve & develop 100 Gochar sites through 100 Nos of WSHGs. Till January, 2023, 82 Gochar sites are already identified and 43 WSHGs have been selected for implementation of the programme i.e. conservation & development of Gochar land for fodder cultivation in convergence with Mission Shakti and PR & DW Department.



Health Care Service

Animal husbandry next to agriculture is the major source of supplementary income of rural households. Livestock population has always been an integral part of the rural livelihood systems in Odisha, all through the known history of the state. Prevalence of animal diseases is a serious impediment to the growth of the Livestock and Poultry Sector in the State. Ailments in animal health not only lead to decrease in meat, milk and egg production but seriously impact the livelihoods of millions of farmers in the State. In order to cater to the livestock health care, the Animal Husbandry Department offers veterinary services throughout the State by dedicated Veterinary institutions.



Veterinary Service Delivery Institutions

Veterinary Service is being delivered to the livestock farmers of the state through veterinary hospitals, veterinary dispensaries and livestock aid centres. A Veterinary Hospital/Dispensary (VD) is the unit of Veterinary and Animal Husbandry service delivery mechanism. There is a basket of services provided by the Veterinary Hospital/Dispensary (VD) viz. Animal health care services, organisation of health camps, Artificial Insemination, Pregnancy Diagnosis, Castration, Extension Services, Livestock

Insurance, Fodder Related Services, Nutritional Management Services and Advisory Services etc. A VD is the major unit of service delivery in Veterinary Department.

A Livestock Aid Centre (LAC) is the unit of Veterinary and Animal Husbandry service delivery mechanism at Gram Panchayat level. An LAC may comprise of more than one Gram Panchayat. The LAC is headed by a Livestock Inspector/ Veterinary Technician and at times has an attendant to assist in the Animal Husbandry services.



Mobile Veterinary Unit (MVU): (Mukhyamantri Bhramyamana Prani Chikitsa Seva)

Mobile Veterinary Unit is funded under the State Plan Scheme through which farmers can get health care, breeding & advisory services for their livestock at their door step in the interior villages where veterinary institutions are far away. It is also helpful for providing services during natural calamity, outbreaks & public emergency.

MVUs are currently functioning in all the 314 blocks of the State with a vehicle hired for the purpose. A Veterinary Doctor in the rank of Veterinary Assistant Surgeon (VAS)/ Additional Veterinary Assistant Surgeon (AVAS) is managing the MVU. To support the VAS/AVAS of the MVU, there is provision of a Livestock Assistant and an MVU Attendant.



Achievements under MVU during 2022-23:

Sl. No.	Activities	Target	Achievement
1	No. of MVU days conducted	69080	72810
2	No. of villages covered	138160	144101
3	No. of livestock covered under treatment, castration	3454000	3754498
4	No. livestock covered under vaccination	6908000	5519492
5	No. of pathological sample examination	276320	179608
6	No. of Pathological sample send to DDL/CIL/SVL/ADRI	138160	29013
7	No. of awareness camps conducted	34540	43865

Bio-Medical Waste Management:

58 Sub Divisional Veterinary Hospitals have been tagged with Bio-Medical Waste Management agency for lifting of bio-medical waste of hospitals. It is also planned to tag rest 483 veterinary dispensaries with the respective Bio-Medical Waste Management agencies of nearest CHC/PHC of Health & Family Welfare Department.

National Animal Disease Control Programme for FMD & Brucellosis:

NADCP-FMD Control Programme

The NADCP for Foot and Mouth Disease (FMD) is a Central Sector Scheme launched on 11th Sept. 2019 (2019-20) for control/eradication of Foot and Mouth Disease (FMD) and Brucellosis. The implementation of the programme (1st Round, vaccination of large animals) started in the State during Jan, 2020. The FMD round-II vaccination has been completed in 31st January-2023. Brucella round-II has been started on 15 th February, 2023. A total of 8397172 doses of FMD vaccination have been done against a bovine population of 10362294 with 81% achievement.

NADCP-Brucellosis Control Programme

Intensive Brucellosis Control Programme in animals is targeted for controlling Brucellosis which will result in effective management of the disease. A total of 4.49 lakh doses of vaccine have been received during 2022-23 and supplied to the districts for vaccination; 4.49 lakh calves have been vaccinated up to January 2023 & data of 4.41 lakh animals have been uploaded.

Assistance to States for Control of Animal Diseases (ASCAD)

Under ASCAD assistance is provided to Odisha for control of economically important and zoonotic diseases of livestock and poultry through immunization, strengthening of existing State Veterinary Biological Production Units & State Disease Diagnostic Laboratories, for holding of workshops/seminars & training of Veterinarians and Para-veterinarians.

Peste des Petits Ruminants Eradication Programme (PPR-EP):

It is a component of the Centrally Sponsored Scheme “Livestock Health and Disease Control” with 100% central share implemented in the State with the objective of mass vaccination of all susceptible goats & sheep and

their three subsequent generations to control the disease in the country in a time-bound manner. In our state, 69.05 lakh doses of PPR vaccine have been supplied in the month of January-23.



Odisha Biological Products Institute (OBPI)

“Odisha Biological Products Institute (OBPI)” is a premier institute of Fisheries & Animal Resource Development Department, Government of Odisha. OBPI formerly known as Orissa Serum Institute was established at Cuttack in the year 1946 and happens to be one of the oldest of its kind in the country. Later it was shifted to Bhubaneswar in 1961 keeping in view its future expansion programme for production of vaccines against different infectious diseases of livestock & poultry. There are 2 Biological Products Institute in Odisha, one at Bhubaneswar and another at Berhampur.

Vaccine Production & Distribution during the year 2022-23 (In lakhs):

	Name of the Vaccines	Name of the Manufacturing Unit	Total Production (doses in lakhs)	Vaccine supplied (doses in lakhs)
1	HSV(Alum)	O.B.P.I.BBSR	77.18	72.87
2.	BQV	O.B.P.I.BBSR	62.80	59.68
3.	FDRDVF1	O.B.P.I.BBSR	5.37	5.35
3	RD (R ₂ B)V	O.B.P.I.BBSR	41.89	35.68
4	ASV	OBPI (SU) BAM	20.40	18.48
5	ENTV	OBPI (SU) BAM	13.04	13.04
	Total		220.68	205.1

Good Manufacturing Practice Laboratory:

Good Manufacturing Practice (GMP) compatible bacterial Vaccine production laboratory for HSV & BQV production (as per the Drug and Cosmetic Act 1940 of India and G.O.I. Notification No.



G.S.R.864(E) dt.11.12.2001) using fermentation technology has already been established at OBPI, Bhubaneswar by which the future demand of the state can be fulfilled. Trial batches were run successfully in the GMP Laboratory. Six trial batches were conducted (HSV-3 batches & BQV-3 batches) with additional 4 batches of HSV with production of around 52 lakh doses of Vaccines.

Animal Disease Research Institute (ADRI)

Animal Disease Research Institute (ADRI) 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.

Achievement of ADRI

Sl. No.	Particulars of Work Done	2020-21		2021-22		2022-23	
		Target	Achiev.	Target	Achiev.	Target	Achiev
1	No. of Pathological samples examined in ADRI	90000	104309	90000	109605	90000	99321
2	No. of samples collected/tested for routine disease surveillance by DDLs, CILs, SVL & ADRI	50000	67008	50000	59724	50000	43061



Disease Diagnostic laboratories (DDLs):

Disease Diagnostic laboratories (DDLs) are functioning at district headquarters to provide need based diagnostic services of livestock & poultry diseases. There are 26 DDLs and 4 Regional Laboratories functioning in the State viz. one - State Veterinary Laboratory (SVL) at Chiplima, Sambalpur, three - Clinical Investigation Laboratories (CIL) functioning at Cuttack, Bhawanipatna and Berhampur & 26 - DDLs in rest of the districts.

Strengthening Infrastructure Facilities of ARD Sector:

For the year 2022-23, 10 District Veterinary Hospitals, 23 Sub Divisional Veterinary Hospitals, 66 Block Veterinary Dispensaries & 65 Sub Block Veterinary Dispensaries are being strengthened with modern diagnostic facilities with a budget provision of Rs. 103.27 Crores. Apart from these facilities, construction of 10 Modular Operation Theaters are under progress for catering to emergency surgical requirement of pets & livestock of the state.

National Livestock Mission

National Livestock Mission is designed to cover all the activities required to ensure qualitative and quantitative improvement in Livestock production Systems and capacity building of all stakeholders.

The realigned National Livestock Mission has three Sub-Missions:

- Sub-mission on Breed Development of Livestock and Poultry.
- Sub-mission on Feed and Fodder Development.
- Sub-mission on Innovation and Extension.

Livestock Insurance:

To manage the life risk and uncertainties by providing protection mechanism to the farmers against any eventual loss of animals due to death; livestock like milch animals, bullocks, breeding bulls, goat, sheep, pigs, rabbit etc. will be under the purview of livestock insurance. A total of 2,50,666 number of livestock were insured (Large Animals:- 176897 & Small Animals : 73769) from 1.4.2021 to 30.9.2022.



Capacity Building

Training & Capacity Building is an integral part of human resources development in Animal Resources Development sector. Trainings are being imparted for capacity building of veterinarians, paravets and farmers/entrepreneurs. Trainings in ARD sector are being imparted in Veterinary Officers' Training Institute, District Training centres and other departmental training centres. Majority of the training programmes are being conducted at VOTI for veterinary officers and entrepreneurs. Training programmes for farmers are being conducted at district/block levels monitored by VOTI.

Orientation Training program for newly posted OVS officers Orientation Training Programme for newly posted OVS Officers were conducted in seven batches under State Plan scheme. Every batch consisted 7 (seven) days duration with 20 participants in each batch. This training program was started (1st batch) from 07.12.2022 to 13.12.2022 and the seventh batch was conducted from 25.01.2023 to 31.01.2023. In total 138 participants attended the training program.



Training of Veterinarians on wildlife health and disease control with special emphasis on wild elephant treatments.

This training program was organised by Veterinary Officers' Training Institute and supported by Office of the Principal Chief Conservator of Forest (Wild life) and Chief wild life warden. This training program was scheduled for 10 nos of batches of 3 days duration with 20 participants in each batch.



Online training programs

Six batches of online training programmes have been organised for veterinarians at VOTI. The faculty members from VOTI & experts in specific fields were invited to act as resource persons for this training Programme. The participants joined through their mobile phones/Laptops and interacted in a lively manner with giving constructive feedback to further improve the online training programmes.



Exposure Visit of Veterinary Officers to ULDB, Uttarakhand.

An exposure visit was organised for field veterinary officers to ULDB, Uttarakhand under RGM for 4 days training on "Implementation & handling of Sex Sorted Semen".

The participants got lot of ideas from Dr. Punit Bhat who is the brain child behind SSS station establishment highlighted the advantages and the process of manufacturing SSS.



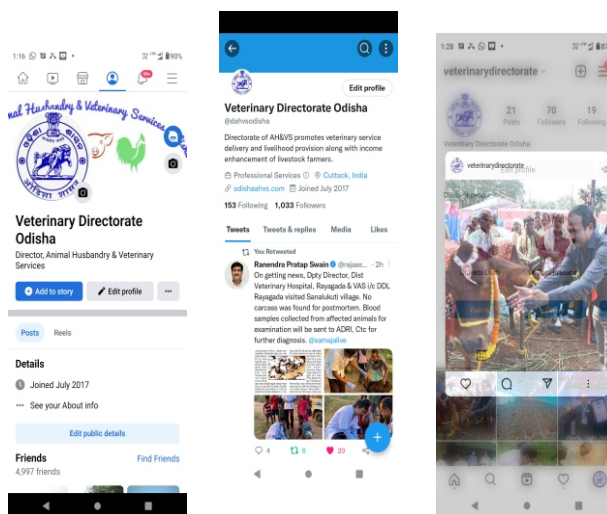
Sl. No.	Type of Training	No. of batches	Duration (In days)	No. of participants trained
1	Rotational Internship Training for C.V. Sc Student	2	5	33
2	Management of High yielding dairy cows	2	5	39
3	TOT Dairy Entrepreneurship Training (Online)	1	5	20
4	TOT Poultry (Layer) Entrepreneurship Training (Online)	2	5	39
5	TOT Poultry (Broiler) Entrepreneurship Training (Online)	1	5	18
6	Accounts and Administration for senior level Veterinary Officers	3	5	58
7	Orientation training program for newly posted OVS officers	7	7	138
8	Training of Veterinarians on wild life health and disease control with special emphasis on wild elephant treatment	3	3	60
		21		405

Sl. No.	Type of Training	No. of batches	Duration (In days)	Venue	No. of participants trained
1	Skill up- gradation training				
a	Entrepreneurship development training on Dairy farming	10	3	District level	200
b	Entrepreneurship development training on Poultry(Broiler) farming	31	3	District level	620
c	Entrepreneurship development training on Poultry(Layer) farming	7	3	District level	140
d	Entrepreneurship development training on Goat farming	8	3	District level	160
		56			1120

Information, Education & Communication Programme (IEC)

“Information, Education & Communication (IEC)” under State Plan has been in implementation for the past few years. It envisages creation of awareness among the livestock farmers on different Government schemes and programmes, disease control measures, immunisation programmes, production and productivity enhancement and the like. It also aims to provide hassle free services to the livestock farmers of the state by taking measures regarding online service delivery under different schemes. “Information, Education and Communication” intends to educate the livestock farmers of the state so that they can take up livestock farming in a better way in order to increase the production and productivity.

Name of Event	Number
Programmes broadcast in AIR & audio spots	78
Duration of broadcast in AIR & audio spots	15,000 Sec.
Programmes telecast in TV media	6
TV spots telecast in Doordarshan	28
Audio visual materials prepared for telecast	16
Advertisements/advisories floated in numbers of newspapers and periodicals	48
No. of articles published in different newspapers and periodicals	6
Pieces of news published in various newspapers	32
No. of website maintained	1
Postings in Facebook	86
Tweets in Twitter	86
Videos uploaded in You-tube	16
Templates, videos, audio clips shared through WhatsApp Groups	22
Postings in Instagram	18



Exhibitions & Buyer-Seller Meets

Folk Media play the pivotal role in creating awareness among people living in rural areas. As majority of livestock farmers stay in villages, they like to watch folk performances and get impressed by the way folk media disseminates messages. It acts as a strong communication medium for the village folk. Exhibitions act as folk media in terms of visual depictions and participation of a range of people from rural pockets. Exhibitions have been organized and occasions celebrated in ARD sector viz. World Egg Day, World Veterinary Day, Go Sambardhana Utsav etc. Exhibition places also act conducive for organization of buyer-seller meets as these places have footfalls of people from industry, cooperative, marketing management, value addition experts, large producers, farmers & entrepreneurs.



Krusha Odisha

Stalls in internal hanger and live animal demonstration in open space have been organized in a decent way at the state level agriculture fair Krushi-Odisha to attract people to come, see and understand tit-bits of Animal Husbandry along with modern day poultry farming. During the 3 days programme organized at Bijun Patnaik Playground, Baramunda, Bhubaneswar, visitors were being made aware about scientific dairying, poultry, small animal production, fodder production and value addition in dairying.



Visual Print Materials for Livestock Farmers & General Public:

Besides using print media in the form of advertisement of templates in newspapers for creation of mass awareness among farmers, visual print materials like leaflets, posters and pocket book have been printed and distributed to the farmers.

Seminars on Dairying and Small Animal Production at Krushi Odisha-2023

Two Seminars, each one on 'Value Addition in Dairying as a Profitable Enterprise' and 'Role of Small Animal Sector for Growth of Agri-allied Business' have been successfully organized at Krushi Odisha-2023 involving 150 entrepreneurs in each seminar from across the state.



Animal Welfare Activities

The SAWB, Odisha is registered under Societies Registration Act, 1860 bearing registration number 21823 of 2004-05. The Hon'ble Minister, F&ARD, Odisha is the Ex-officio Chairman and APC-cum-ACS, Odisha is the Vice-chairman of the Board with Principal Secretary, F & ARD Dept., four Hon'ble MLAs, representatives of Municipalities, Goshalas, other line departments and animal welfare division of India as members. The Director, AH&VS, Odisha acts as the Member Secretary of the SAWB. The tenure of the Board is 5 years from the date of official notification. To promote animal welfare and animal law across the state is the main aim of the Board. The Department has taken up following major activities for welfare of animals.

- A. Prevention of Cruelty to Animals
- B. Support to Private Goshalas
- C. Expansion of Animal Helpline facility
- D. Supporting Animal Birth Control Programme
- E. Infrastructure Support to NGOs involved in Animal welfare Activities

Celebration of Jiva Jantu Kalayan Diwas

Vasant Panchaami as celebrated as Jiva Jantu Kalyan Diwas in the country. As per the instruction of the Animal Welfare Board of India, this year Jiva Jantu Kalyan Diwas was celebrated across the state. Different awareness programme was organised at District level. Similarly, in some districts organised Anti Rabies Programme and training programme at Goshala.



Support to Private Goshalas

An amount of Rs.16,000/- is provided as annual assistance to each adult cattle unit (one ACU is considered as 350 kg body weight) for maintenance/ Care and management of animals towards expenditure on feed & fodder, medicines and vaccines in existing private Goshalas.

Assistance shall be given to the eligible NGOs for taking construction of new Goshalas to the tune of Rs. 20.00 – Rs. 52.00 lakh for unit size of 50 animals to 150 animals. Any Non Government Organisation having one year of experience in the field of animal welfare is eligible to apply for the new Goshalas. Till date 27 no. of Go- ahead letters have already been issued to different NGOs by the District level committee from 17 no. of districts.

Animal Help Line (AHL) facility with Veterinary Ambulance Services

Fisheries and ARD Department, Govt. of Odisha under the State Sector Scheme has introduced services for ailing stray animals in eleven districts with Animal helpline (AHL) facility along with provision of well-equipped animal ambulances having the unified call number 1962. During the year 2022-23, the Animal Helpline with Veterinary Ambulance is being implemented in 11 urban location i.e. Bhubaneswar, Cuttack, Puri, Sambalpur, Angul, Jagatsinghpur, Baripada,



Berhampur, Balasore, Bhawanipatna and Rourkela. The objective of programme is to take emergency health care of the stray and abandoned animals during road accidents, etc. Rs.559.84 lakhs has been sanctioned for the manpower and infrastructure component in Animal Helpline scheme.

On receiving a call/any communication about a sick/injured animal, the AHL ambulance with the team will reach the spot as early as possible to provide necessary First-Aid/ health care.

Achievements made under AHL

No. of cases treated for the year 2022-23		
Sl. No.	Name of the Centre	No. of Cases treated
1	Bhubaneswar	3358
2	Baripada	1929
3	Cuttack	1620
4	Rourkela	1510
5	Sambalpur	1296
6	Jagatsinghpur	1133
7	Berhampur	897
8	Balasore	582
9	Angul	540
10	Puri	505
11	Bhawanipatna	386
Total		13756

Animal Birth Control (ABC) programme

The aim of the programme is to expand and streamline Animal Birth Control Program in **12 urban locations** i.e. Bhubaneswar, Cuttack, Puri, Sambalpur, Angul, Jagatsinghpur, Baripada, Berhampur, Balasore, Bhawanipatna, Rourkela and Jajpur. The Fisheries and ARD Department supports the said 12

Urban Local Authorities (Municipal Corporations, Municipalities, NACs) in implementation of the ABC program by providing requisite budget to onboard the veterinary staff.

Achievements of ABC Centres

Total no. of dogs sterilized (2022-23)					
SL No.	Name of the Municipality/Municipal Corporation	Male	Female	Grand Total	Remarks
1	Bhubaneswar	1183	912	2095	
2	Cuttack	544	305	849	
3	Puri	100	440	540	
4	Baripada	191	235	426	
5	Sambalpur	80	188	268	
6	Rourkela	61	206	267	
7	Jagatsinghpur	138	5	143	
8	Berhampur	5	12	17	
9	Angul	0	0	0	Construction of kennel is in process
10	Balasore	0	0	0	OT room, electric, water supply etc. yet to be done
11	Bhawanipatna	0	0	0	OT and Kennel have been completed
12	Jajpur	0	0	0	Visited site
Total		2302	2303	4605	



Provision of Infrastructure Support to Voluntary Organisation engaged in Animal Welfare

The objectives of the programme is to strengthen the infrastructural facilities of the Voluntary Non Government Organisations working in the field of Animal Welfare in order to provide Veterinary Health services and shelter homes for stray, abandoned and destitute animals. The scheme will be implemented by the State Animal Welfare Board, Odisha through District SPCA.

The scheme will provide finance Assistance to the eligible organisations/ institutes for setting up capital infrastructure for welfare of stray, abandoned and destitute animals. Funds is being provided for the following components under the scheme.

- i. Veterinary Hospital, Clinics, Health Infrastructure including building.
- ii. Operation Theatre and equipments.
- iii. Vehicle for transportation of animals
- iv. Construction of Kennels, and shelter houses for stray and abandoned animals.
- v. Any other essential infrastructure/equipments or implement as per the assessment of the SAWB.



Odisha Livestock Resources Development Society (OLRDS)

The Odisha Livestock Resources Development Society (OLRDS) was formed in the year 2000 under the Societies Registration Act to streamline & strengthen the breeding operations in cattle and buffalo of Odisha. This has been formed vide Government Notification No. 10220-3V (D)-7/99/FARD dt.29.05.1999. OLRDS is the State Implementing Agency for all bovine breeding activities of the State.

Some of the key functions being performed by OLRDS

1. Under the initiative of Scientific bovine breeding services through artificial insemination, a total of 12.38 lakh artificial inseminations have been done and 4.41 lakh calves were born.

2. Nationwide Artificial Insemination Programme (NAIP):

NAIP under “Rashtriya Gokul Mission” was launched in the State on 15th September 2019 with an objective of enhancing milk production and productivity of bovine population along with focus on conservation and development of indigenous breeds. Keeping on success of the scheme, the scheme was continued as NAIP-II, NAIP-III & NAIP phase IV is under progress. The progressive achievement under NAIP-III & NAIP –IV are as follows.



3. The State plan scheme “Use of Sex Sorted Semen for enhancing Milk Production “ was implemented from 6.4.2022 in 247 blocks & “ Use of Sex Sorted Semen for genetic improvement of Cattle” under OMBADC was implemented in 67 blocks with objectives to produce 90% female calves of high genetic merit over total progeny born for more milk production, enhancing farmer’s income & to eliminate unwanted male calves to reduce extra burden on farmers.

Sl. No.	Name of the scheme	Sex Sorted semen doses procured	Sex Sorted semen doses utilised	No. of animals covered	No. of farmers benefitted
1.	Use of Sex Sorted Semen for enhancing Milk Production	64880	33359	29913	27113
2.	Use of Sex Sorted Semen for genetic improvement of Cattle	49620	29759	25753	25178
Total		114500	63118	55666	52291

Odisha State Poultry Producers Co-operative Marketing Federation Ltd (OPOLFED)

Activities taken up by OPOLFED during 2022-23

- OPOLFED has marketed around 8.88 lakh eggs and 97.158 MT of chicken meat and 1453.164 MT FEED.
- OPOLFED has been supplying 244213 nos of four weeks' old LIT birds, Layer birds, 14weeks old Pullet in different Govt. activities through out the state.
- OPOLFED has established two chicken Fresh Outlets at OPOLFED's Zonal Office, Laxmisagar, Bhubaneswar & Khapuria, Cuttack for marketing of poultry & poultry products.
- OPOLFED has also established one Chicken Fresh outlet on PPP mode at Sunabeda, Koraput Dist.



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

- As of now, 6641 societies have been organized in which 3.17 lakh farmers have been enrolled, out of which 1.18 lakh are enrolled as women members. In the year 2022-23 (April 22 to March 23), OMFED has procured around 4.18 lakh litres of milk/day from all the 30 districts of the State. The farmers are also assured to procure all the marketable surplus milk in the societies without imposing any restriction.
- During the year 2022-23, 7.92 lakh litre of milk has been sold as bulk sale.



Natural Disaster Management

Animal Resources Development sector in the State is working towards management of natural disasters to save the livestock resources and provide livelihood to the farmers. Preparedness, Relief and Reconstruction activities during natural disasters like cyclone (FANI, TITLI, AMPHAN, Yaas etc.), flood, cold wave, heat wave etc. are being taken up by the Department for protection of livestock resources. Veterinary staff had braved the flood situations and toured to the marooned villages by boats in order to provide livestock health care services and carry out relief and reconstruction measures. Every care had been taken to immunize animals in the flood affected areas to protect them from various contagious diseases. Animal Health Camps were conducted regularly in the flood and cyclone affected areas of the State. Cattle feed and green fodder were distributed to the affected farmers to feed their livestock during flood and cyclone.

Disaster Management Activities during 2022-23

Due to heavy rain fall in 2nd week of August, 2022 in coastal Odisha, 13 districts were flooded. Around 6.84 lakh livestock were affected during that period. F&ARD Department took immediate steps by opening control room (24 *7), mobilizing teams of veterinary professionals to the flood affected districts to provide livestock health care measures, taking up preventative vaccination & supply of cattle feed etc. As a relief measure, 1465.86 MT of cattle feed and 352.4 qtl fodder were distributed in affected districts of Angul, Baragada, Bhadrak, Baleswar, Boudh, Khordha, Mayurbhanj, Nayagad, Jagatsinghpur, Cuttack, Kendrapada, Jajpur & Puri.



Disaster Management Activities

Sl. No.	Activities	Achievement
1	No. of Veterinary RRT Teams engaged	193
2	No. of camps organized	1681
3	No of Animals Treated	99631
4	Quantity of Cattle Feed distributed (in MT)	1465.86
5	Quantity of fodder distributed (in Qtl.)	352.4
6	No.of vaccination done	295655
7	No. of carcasses disposed	Large Animal- 18 Small Animal- 19 Poultry- 4005



Digital Initiatives

GO-SUGAM

GO-SUGAM portal was introduced as end-to-end digital platform for submission of online applications under subsidy oriented schemes of livestock sector. Proactive notification of beneficiaries, application processing, approval by DLC, tracking and monitoring till release of final subsidy amount was done through the portal to reduce public interface with Govt officials. It also reduces processing time, maintains transparency and brings accountability of Government officials and beneficiaries. Out of total target of 6877 units under seven number of beneficiary oriented schemes in Go-Sugam portal, 20,106 applications have been received from beneficiaries out of which 6,961 go-aheads have been issued. Subsidy has already been released to 3,397 beneficiaries till 17.03.2023.

Ama Krushi

For strengthening existing extension machinery as a measure of improving farmers' livelihood, "Ama Krushi" services have been established to provide customized advisory services to livestock owners for improving livestock practices through technical advisories by Veterinary experts. It mainly focuses on communicating advisories, counseling, resolving queries, messaging, grievance redressal and farmer feedbacks for all schemes and services in ARD sector. Livestock advisories are sent thrice in a week. Four livestock experts and 20 call representatives are currently engaged for attending farmer queries. Till now, 9,87,266 livestock farmers are registered under "Ama Krushi". A total of 14,04,72,678 livestock advisories have been sent till date. On an average 60 live call answers and 10 recorded answers are given through IVR on daily basis.

DSS Portal

To ease the process of decision making in F&ARD Department in order to provide better services to the citizens and provide them livelihood, Decision Support System (DSS) portal has been introduced. It captures real time data from the field institutions which helps for scheme monitoring at district and state level. The reports and returns from field institutions in ARD sector have now become digitised and the monitoring authorities are seeing the progress of various schematic and other works for proper monitoring of the field level work. It saves time and helps in good governance. Online Decision Support System (DSS) captures data of all schemes and services implemented by the Department and enable submission of Digital MPRs from all Districts. Monthly review meeting of progress and achievements under different livelihood schemes are conducted on the basis of Data generated from DSS Portal.

FARMS

As a part of the 5T charter, F&ARD Department with support from ORSAC has developed an online WEB-GIS, Fisheries & Animal Resources Mapping System (FARMS) wherein each government asset of the Department and farm unit established is geo tagged, mapped and made visible. All assets in ARD sector along with projects and schemes executed and implemented, in each and every corner of the state, can be visible and can also be eventually seen from remote sensing satellite images. FARMS portal also provides GIS based information on livestock population for each village in the state. It is a transformational initiative which will ensure transparency and accountability in scheme implementation along with facilitating planning process in ARD sector. Until now, 4406 assets have been mapped in ARD sector in FARMS portal.

Contribution to SDG Workshops & Reports

The State level workshop for localization of Sustainable Development Goals (17 Goals in 9 themes) through Panchayat Development Plan and People's Plan Campaign was conducted under the chairmanship of the Additional Secretary, Ministry of Panchayati Raj; Government of India on 5th December 2022. It was decided for systematic planning focusing different sectors such as Women and Children education, Health, Agriculture, Fisheries & Animal Resource



Development. PPC (People's Plan Campaign) is an effective strategy for ensuring preparation of Participatory Panchayat Development Plan in campaign mode (1st October 2022 to 31st January 2023).

MO Sarkar

Mo Sarkar is a feedback based-governance model as part of which the CM, ministers and senior officials seek the feedback of people directly over phone about the kind of services they receive from various government offices. Based on their feedback, the state government takes the necessary steps to improve its service delivery system. F&ARD Department has been covered under the purview of Mo Sarkar. This initiative is helping to instill people's faith in the government and government offices, while it has also helped bring about behavioral changes in government officials towards providing various services.

Progress of 5 T Charter in ARD Sector

1. Egg production has increased from 84.34 lakhs eggs per day in 2021-22 to 96.57 lakhs eggs per day in 2022-23.
2. Online Decision Support System (DSS) captures data of all schemes and services implemented by the Department and enable submission of Digital MPRs from all Districts.
3. Three referral Hospital at Bhubaneswar, Cuttack and Sambalpur are upgraded with Modern OT, Ultrasound , X-ray and other diagnostic facilities.
4. All 26 DDLs , 3CILs and 1 SVL are well equipped and functional to provide diagnostic services to livestock owners. Human resources have been Strengthened in these laboratories.
5. There was strengthening of human resources pool by recruitment of 146 VAS/AVAS /MVU VAS (Grade-I), 427 Livestock Inspectors in the current FY 2022-23.
6. Basing on their performance, Vets (all categories), Para vets and leading entrepreneurs were felicitated on the occasion of World Veterinary Day on 30th April 2022 by Hon'ble Minister A & FE , F & ARD Department , Govt of Odisha in presence of the Chief Secretary, Govt of Odisha and Principal Secretary , F & ARD Department.







ବିଭାଗର ବୈଠକରେ ମନ୍ତ୍ରୀ
 ଯେ, କୃଷି ,ମତ୍ସ୍ୟ ଓ ପ୍ରାଣୀସଂ
 ଦ୍ୱାରା ଚାଷୀଙ୍କୁ ସର୍ବାଧିକ ଲାଭ ଓ
 ଅନେକଗୁଡ଼ିଏ ଯୋଜନା ଏକତ୍ର କାରି
 । ମାସକୁ ଅନ୍ତତଃ ପକ୍ଷେ ଅରେ ଏହି
 ପ୍ରମୁଖ ଶାସନ ସଚିବଙ୍କ ସମେତ ନିର୍ଦ୍ଦେଶ
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 କରି ବିଭିନ୍ନ ଯୋଜନାର ଅଗ୍ରଗତି ସଂପର୍କ
 କରାଯିବା ଆବଶ୍ୟକ । ଏହାଦ୍ୱାରା କୃଷି ଉତ୍ପାଦନ

ସଶିକ୍ରାକରଣ ଏବଂ ମତ୍ସ୍ୟ ଓ ପ୍ରାଣୀସଂପଦ ବିକାଶ

[illegible]

1/10(ଜମିନ):

ବିଷମତାକୁ ମଧ୍ୟ ଏବଂ ପଞ୍ଚୁ ରାୟଗଡ଼ା
ପରଜାତର ମଧ୍ୟ ଏବଂ ପଞ୍ଚୁ ରାୟଗଡ଼ା
ପରିବେଶ ସୁରକ୍ଷା କୁମାର ବଣିକ୍ଷ ରାୟଗଡ଼ା
ଦିନିଆ ଗ୍ରନ୍ଥ ଅବସରରେ ଆଜି ବିଷମତାକୁ ନିଜ
ଏକ କରନ୍ତି। ତାଙ୍କ ସହ ରାୟଗଡ଼ା ଜିଲ୍ଲାପାଳ ସୁଧାକର ନ

[illegible]

ସପକ୍ଷ କାହାଣୀର ନାୟକା ଚାଟୁଲତା

ମହଳା ଚାଷୀଙ୍କ ପାଇଁ ପ୍ରେରଣାର ଉତ୍ସ

ପ୍ରାୟତଃ, ଗ୍ରାମ୍ୟ ଗଣ ଜନମାନଙ୍କର ସ୍ୱାସ୍ଥ୍ୟ ଉପରେ ଗୁରୁତ୍ୱ ଦେବା ପାଇଁ ଗୋଟିଏ ନିଉ ଇନିଆଟିଭ ଲୋକ ଉଦ୍ଦେଶ୍ୟ ଗଠନ କରାଯାଇଛି । ଏହା ଗୋଟିଏ ଗ୍ରାମ୍ୟ ଉଦ୍ଦେଶ୍ୟ ଗଠନ କରାଯାଇଛି । ଏହା ଗୋଟିଏ ଗ୍ରାମ୍ୟ ଉଦ୍ଦେଶ୍ୟ ଗଠନ କରାଯାଇଛି ।



ଏହା ଗୋଟିଏ ଗ୍ରାମ୍ୟ ଉଦ୍ଦେଶ୍ୟ ଗଠନ କରାଯାଇଛି । ଏହା ଗୋଟିଏ ଗ୍ରାମ୍ୟ ଉଦ୍ଦେଶ୍ୟ ଗଠନ କରାଯାଇଛି । ଏହା ଗୋଟିଏ ଗ୍ରାମ୍ୟ ଉଦ୍ଦେଶ୍ୟ ଗଠନ କରାଯାଇଛି ।



ODISHA

"A novel initiative towards women led enterprise development in Odisha"

ଗୋଟିଏ ନିଉ ଇନିଆଟିଭ ଲୋକ ଉଦ୍ଦେଶ୍ୟ ଗଠନ କରାଯାଇଛି । ଏହା ଗୋଟିଏ ଗ୍ରାମ୍ୟ ଉଦ୍ଦେଶ୍ୟ ଗଠନ କରାଯାଇଛି । ଏହା ଗୋଟିଏ ଗ୍ରାମ୍ୟ ଉଦ୍ଦେଶ୍ୟ ଗଠନ କରାଯାଇଛି ।



ଏହା ଗୋଟିଏ ଗ୍ରାମ୍ୟ ଉଦ୍ଦେଶ୍ୟ ଗଠନ କରାଯାଇଛି । ଏହା ଗୋଟିଏ ଗ୍ରାମ୍ୟ ଉଦ୍ଦେଶ୍ୟ ଗଠନ କରାଯାଇଛି । ଏହା ଗୋଟିଏ ଗ୍ରାମ୍ୟ ଉଦ୍ଦେଶ୍ୟ ଗଠନ କରାଯାଇଛି ।

ପ୍ରଥମ ପ୍ରଶ୍ନର ଉତ୍ତର =

[illegible]

■ କୁବେନଶ୍ୱର, ଚାଟାଏଠା(ସିଏସ୍‌ସି)
କୃଷି ସହିତ ପ୍ରାଣୀ ପାଳନ ଅଙ୍ଗାଙ୍ଗୀ ଭାବରେ
ଜଡ଼ିତ । ପ୍ରାଣୀପାଳନ ଚାଷୀମାନଙ୍କର ଆୟକୃଷି ଓ
ଗ୍ରାମାଞ୍ଚଳର ଆର୍ଥିକ ବିକାଶ ସହାୟକ ହୋଇଥିବାରୁ
ରାଜ୍ୟ ସରକାର ବିଭିନ୍ନ ରିହାତି ପ୍ରଦାନ ମାଧ୍ୟମରେ
ପ୍ରାଣୀ ପାଳନକୁ ପ୍ରୋତ୍ସାହିତ କରୁଛନ୍ତି ବୋଲି କୃଷି ଓ
କୃଷକ ସଶକ୍ତିକରଣ, ମତ୍ସ୍ୟ ଓ ପ୍ରାଣୀ ସମ୍ପଦ ବିକାଶ
ମନ୍ତ୍ରୀ ରଣେଶ୍ୱର ପ୍ରତାପ ସାହୁ କହିଛନ୍ତି ।
ଶନିବାର କୃଷି ଭବନଠାରେ ଆୟୋଜିତ
ବୈଠକରେ ମନ୍ତ୍ରୀ ଶ୍ରୀ ସାହୁ ପ୍ରାଣୀ ସମ୍ପଦ
ବିକାଶର ବିଭିନ୍ନ ଯୋଜନାର ଅଗ୍ରଗତି ସମ୍ବନ୍ଧରେ
ସମୀକ୍ଷା କରି କହିଥିଲେ ଯେ, ରାଜ୍ୟରେ ଉଚ୍ଚ
ପ୍ରାଣୀର ପ୍ରାଣୀ ପାଳନ ନିମନ୍ତେ ଆକର୍ଷଣୀୟ
ରିହାତି ପ୍ରଦାନର ବ୍ୟବସ୍ଥା କରାଯିବ ।

କୃତ୍ରିମ ପ୍ରଜନନ ସହ କାର୍ତ୍ତାୟ ପ୍ରାଣାଚାର ନିୟନ୍ତ୍ରଣ
କାର୍ଯ୍ୟକ୍ରମ ରାଜଶ୍ରୀ-୩ରେ ଓଡ଼ିଶାରେ ଡରାନ୍ତି
କରିବା ଉପରେ ମନ୍ତ୍ରା ଶ୍ରୀ ସ୍ବାଇଁ ଗୁରୁଦେବଜୀ
ରାଜ୍ୟରେ ଗୋ ପାଳନ କ୍ଷେତ୍ରର ବିକାଶ ନିମନ୍ତେ
ଗୋଖାଦ୍ୟ ଜପାଦନ ବ୍ୟବସ୍ଥାକୁ ସୁଦୃଢ଼
କରିବା ଉପରେ ମନ୍ତ୍ରା ଶ୍ରୀ ସ୍ବାଇଁ ଗୁରୁଦେବଜୀ
କରିଥିବାବେଳେ ଗୋ-ମହିଷାଦିକ ବନ୍ଧ୍ୟା
ଦୂରୀକରଣ ନିମନ୍ତେ ପଲପ୍ରସୂ ଯୋଜନା ପ୍ରସ୍ତୁତ
କରିବା ପାଇଁ ବିଭାଗୀୟ ଅଧିକାରୀଙ୍କୁ ପରାମର୍ଶ
ଦେଇଥିଲେ । ସେହିପରି ମିଶନଶକ୍ତି ବିଭାଗ ସହ
ବେଇଥିଲେ । ସେହିପରି ରାଜ୍ୟରେ ଅତଳ
ବୈଠକ ମାଧ୍ୟମରେ ରାଜ୍ୟରେ ଗୁଡ଼ିକ ମହିଳା

ପ୍ରଗତିବାଦୀ

ପ୍ରତିଷ୍ଠାତା ପ୍ରଫୁଲ୍ଲ ବର • FOUNDER PRADYUMNA BAI

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● ମହ୍ୟ ଓ ପ୍ରାଣୀସଂପଦ ବକାଶ ବଜାରର ସମୀକ୍ଷା ବେଠା

ପ୍ରାଣସଂପଦ ଗ୍ରାମାଞ୍ଚଳର ଆର୍ଥିକ ବକାଶର ପ୍ରମୁଖ

[illegible]

