

LIVESTOCK

POLICY

Sustainable livestock sector development to ensure food security, enhanced competitiveness, quality life of stakeholders with exportable surplus

OBJECTIVES

- To promote productivity by improving genetic potential of livestock
- To encourage the livestock farmers and demonstrate greater efficiency and better returns for adoption of improved methods of animal husbandry;
- To enhance the quantity and nutritional quality of feed and fodder supplies;
- To transform livestock business from subsistence to the commercial venture;
- To ensure food security through competitiveness with generation of exportable surplus;
- To reformulate regulatory regime to attract private investment;

STRATEGIC INTERVENTIONS

- Enhancing Beef Production through save the calve & feedlot Fattening in Punjab
- Meet nutritional deficiencies through Propagation of Rural Poultry
- Establishment of center for zoonotic infectious diseases in Lahore.
- Strengthening of Veterinary Services at Union Council Level in Districts Lodhran, Rajanpur, and D.G. Khan.
- Maximum utilization of locally available feeds and fodder to meet nutritional deficiencies in animals (Hay, Silage).
- Breed improvement through Progeny Testing Program (PTP) and In-vitro Fertilization technology.
- Production Enhancement through Rehabilitation and modernization of Govt. Livestock Farms
- Establishment of Foot and Mouth Disease Free Zones / Compartments in Cholistan and Bahawalpur Division
- Strengthening of Disease Diagnosis , Reporting, Surveillance System and ISO Certification of Provincial Diagnostic Labs

- Development of Buffalo Milk Value Change in Punjab under PPP Mode.

ACHIEVEMENTS DURING FINANCIAL YEAR 2018-19

1- Policy Reforms

Transformation of role of Livestock & Dairy Development Department Punjab from Disease Attendant to Livestock Asset Manager of the Province with associated Paradigm Shift from curative to preventive side of sector management.

2- Institutional Reforms

Restructuring, rationalization and merger of various functional units leading to enhance performance many folds and reduction in operational expenses.

- Vaccine production capacity enhanced 300 times.
- Quality FMD Vaccine prepared from local strains
- State of the Art Cold chain facility for effective Vaccination is in place from production to inoculation with 24/7 monitoring.
- Booster dose of Vaccines is being administered with Post Vaccination evaluation of anti body titer of vaccinated animals.
- Revamping of the all progeny testing programs under one umbrella with DNA Guarantee to farmers.
- Import of best exotic semen in line with the standards of Punjab livestock breeding Act for breeding of non-descript cattle first time ever.
- Revitalization of diagnostic facilities in all districts under one window (poultry as well as livestock) and strengthening of diagnostic facilities for camel diseases in three districts.
- Re-aligning Government livestock farms as per their actual mandate.
- Re-activation of training institute through eradication of redundancies.
- Establishment of reference laboratories at Divisional level

3- Regulatory Reforms

- Enactment of Punjab Livestock Breeding Act
- Enactment of Punjab Poultry Production Act.

- Enactment of Punjab Animal Slaughter Control Act (Amended)
- Formulation of Punjab Animal Health Act

4- Human Resource Development/Management

- Re-activation of training Institutes with branding
- Training of 7000 private AITs.
- Trainings of more than 4500 newly recruited human resource
- Training of more than 1500 Officers.

5- Service Delivery Reforms

- Implemented paradigm shift from curative to preventive with 70% reduction in medicines budget, which has been diverted towards purchase of de-wormer/Anthelmintic.
- Admirable trend setting for the culture heritage for the public entertainment via Horse and cattle Show, Milk competitions and Animals Breed show etc.
- Introduction of customized mobile fully equipped training units.

QUANTIFIABLE TARGETS FOR FINANCIAL YEAR 2019-20

Sr. No.	Components	Targets 2019-20
1.	Save the Calf	40,000
2.	Feed Lot Fattening	30,000
3.	Distribution of properly vaccinated Rural Poultry Units: 06 birds, 5F:1M or 12 male birds	5,00,000
4.	Conservation and Propagation of Indigenous Breeds (Cattle & Buffalo) under PTP program	15,000 Buffalo & 15,000 Sahiwal Cattle
5.	Hay & Silage Production	24,000 & 37,200 (Ton)
6.	Skill Development & Capacity Building of Livestock Farmers	850 Farmers
7.	Establishment of Foot and Mouth Disease Free Zones	Bahawalpur & Cholistan Division

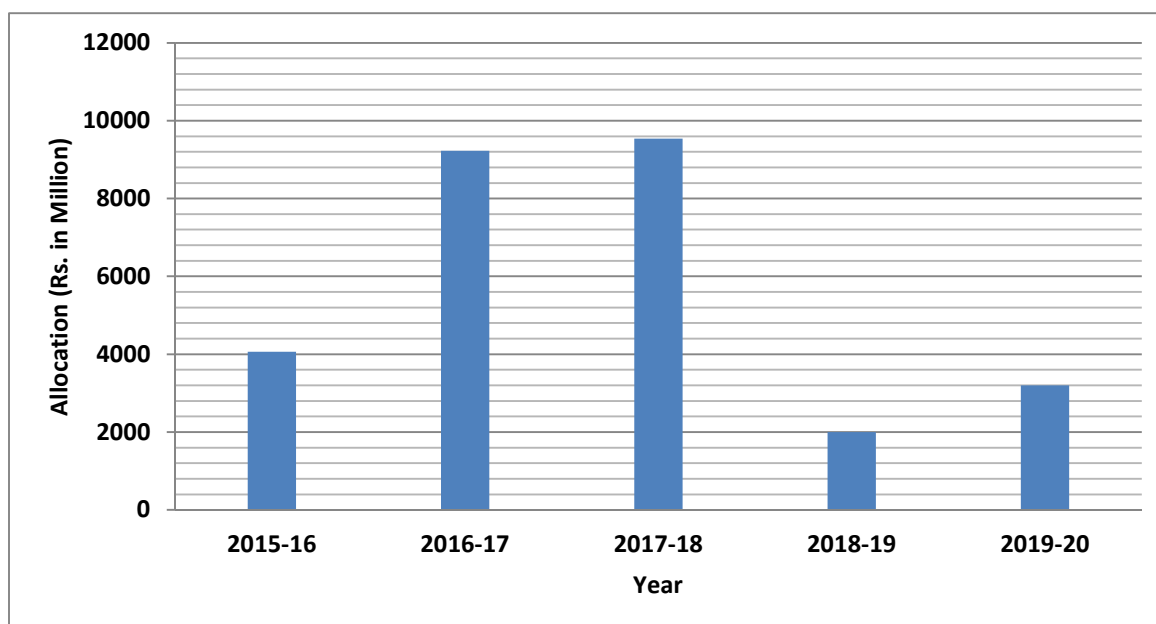
NEW INITIATIVES:

1. Propagation of backyard poultry for increased availability of animal protein to counter stunted growth- Prime Minister Initiatives (Cost: Rs. 458.080 million)
2. Enhancing Beef Production Through Save the Buffalo Calves and Feedlot Fattening- Prime Minister Initiatives (Cost: Rs. 1471.200 million)
3. Strengthening of Veterinary Services at Union Council Level in Districts Lodhran (Cost: Rs. 300 Million)
4. Provision of Veterinary Services and Capacity Building in District Rajanpur (Cost: Rs. 300 Million)
5. Provision of Veterinary Dispensaries in District Dera Ghazi Khan (Cost: Rs. 117 Million)
6. Development of Buffalo Milk Value Chain in Punjab under PPP Mode.

TRENDS OF ALLOCATIONS

(Rs. in million)

Sr. No	Year	Allocation
1.	2015-16	4,065
2.	2016-17	9,227
3.	2017-18	9,542
4.	2018-19	2,000
5.	2019-20	3,500



LIVESTOCK & DAIRY DEVELOPMENT: SUMMARY

(PKR Million)

Type / Sub Sector	No. of Schemes	Provision for 2019-20				Projection for 2020-21	Projection for 2021-22
		Capital	Revenue	Foreign Aid	G. Total (Cap + Rev)		
<u>ON-GOING SCHEMES</u>							
Regular	8	144.360	1,183.545	0.000	1,327.905	0.000	0.000
Total: ON-GOING SCHEMES	8	144.360	1,183.545	0.000	1,327.905	0.000	0.000
<u>NEW SCHEMES</u>							
Agriculture Extension	20	780.000	930.915	0.000	1,710.915	1,082.085	407.000
PM's Package	2	0.000	460.180	0.000	460.180	614.234	1,337.186
Total: NEW SCHEMES	22	780.000	1,391.095	0.000	2,171.095	1,696.319	1,744.186
<u>PPP PROJECT</u>							
PPP	1	0.000	1.000	0.000	1.000	0.000	0.000
Total: PPP PROJECT	1	0.000	1.000	0.000	1.000	0.000	0.000
Grand Total	31	924.360	2,575.640	0.000	3,500.000	1,696.319	1,744.186

Livestock & Dairy Development

(PKR Million)

GS No	Scheme Information Scheme ID / Approval Date / Location	Est. Cost	Accum. Exp. June, 19	Provision for 2019-20			MTDF Projections		Throw fwd Beyond June, 2022
				Cap.	Rev.	G.Total (Cap.+Rev.)	2020-21	2021-22	
1	2	3	4	5	6	7	8	9	10

ON-GOING SCHEMES

Regular

4933	In-service training facility of advance veterinary education and professional development for veterinary professionals (SMART, DLI-2) 01191700177 / 01-07-2017 / Lahore	176.670	95.632	0.000	81.038	81.038	0.000	0.000	0.000
4934	Establishment of state of the art labs at VRI and FMD Research Center to meet the international standards of biologics production and R&D (Smart, DLI-2) 01191700341 / 01-07-2017 / Lahore	242.500	200.500	22.000	20.000	42.000	0.000	0.000	0.000
4935	Establishment of training centre for biologics at UVAS ,Ravi Campus Pattoki (SMART, DLI-2) 01181601928 / 01-07-2016 / Kasur	398.920	336.140	0.000	62.780	62.780	0.000	0.000	0.000
4936	Genetic Improvement of nucleus herds of Nili Ravi buffalo at LESs and CRC under BRI, Pattoki District Kasur (SMART, DLI-2) 01181700167 / 01-07-2017 / Kasur	196.260	134.704	20.000	41.556	61.556	0.000	0.000	0.000
4937	Revamping of Semen Production Units Qadirabad & karaniwala 01361604479 / 01-10-2018 / Sahiwal	250.188	242.688	7.500	0.000	7.500	0.000	0.000	0.000
4938	Establishment of University of Veterinary and Animal Sciences at Bahawalpur (SMART, DLI-2) 01021400043 / 01-07-2014 / Bahawalpur	3,290.000	2,631.738	0.000	658.262	658.262	0.000	0.000	0.000
4939	Production enhancement through rehabilitation & modernization of livestock farms, (Jahangirabad, Rakh Mahni & 205 TDA) District Bahawalnagar. 01011700160 / 01-07-2017 / Bahawalnagar	202.710	46.474	94.860	61.376	156.236	0.000	0.000	0.000
4940	Revamping and Rehabilitation of Veterinary Hospitals/ Dispensaries in District Vehari, Khanewal, Multan and Faisalabad 01381700184 / 01-07-2017 / Faisalabad,Khanewal,Multan	376.180	117.647	0.000	258.533	258.533	0.000	0.000	0.000
Total: Regular		5,133.428	3,805.523	144.360	1,183.545	1,327.905	0.000	0.000	0.000
Total: ON-GOING SCHEMES		5,133.428	3,805.523	144.360	1,183.545	1,327.905	0.000	0.000	0.000

NEW SCHEMES

Agriculture Extension

4941	Strengthening of Training Facilities at BLPRI Kherimurat 01261900409 / Un-Approved / Attock	50.000	0.000	40.000	10.000	50.000	0.000	0.000	0.000
4942	Establishment Of Veterinary Dispensary At Moza Jusa, Tehsil Peer Mahal District Toba Tek Singh 01111902481 / Un-Approved / Toba Tek Singh	7.000	0.000	4.000	3.000	7.000	0.000	0.000	0.000

Livestock & Dairy Development

(PKR Million)

GS No	Scheme Information Scheme ID / Approval Date / Location	Est. Cost	Accum. Exp. June, 19	Provision for 2019-20			MTDF Projections		Throw fwd Beyond June, 2022
				Cap.	Rev.	G.Total (Cap.+Rev.)	2020-21	2021-22	
1	2	3	4	5	6	7	8	9	10
4943	Reconstruction of Civil Veterinary Hospital and Artificial insemination Centre at Dinga Tehsil Kharian District Gujrat (Un-Funded Scheme) 01131902213 / Un-Approved / Gujrat	14.000	0.000	14.000	0.000	14.000	0.000	0.000	0.000
4944	Establishment of Civil Veterinary Hospital at Jaggu Head Tehsil Sarai Alamgeer Distric Gujrat (Un-funded Scheme) 01131902214 / Un-Approved / Gujrat	18.000	0.000	18.000	0.000	18.000	0.000	0.000	0.000
4945	Construction of Office of Additional Director Livestock, Narowal Including Deputy Director Livestock Office , Tehsil and District Narowal 01161900900 / Un-Approved / Narowal	43.000	0.000	43.000	0.000	43.000	0.000	0.000	0.000
4946	Rehabilitation of infrastructure and upgradation of Research & Development Facilities at Foot and Mouth Disease Research Centre (SMART, DLI-2) 01191900407 / Un-Approved / Lahore	150.000	0.000	60.000	15.000	75.000	75.000	0.000	0.000
4947	Feasibility Study for the Establishment of Centre for Advanced Reproductive Technology In Livestock (SMART, DLI-2) 01181900249 / Un-Approved / Kasur	20.000	0.000	0.000	20.000	20.000	0.000	0.000	0.000
4948	Provision of Urgently Needed Male and Female Hostel Facilities at University of Veterinary and Animal Sciences at Ravi Campus.Pattoki 01181900253 / Un-Approved / Kasur	213.000	0.000	0.000	73.000	73.000	140.000	0.000	0.000
4949	Strengthening of Veterinary Services at Union Council Level in Districts Lodhran 01231900892 / Un-Approved / Lodhran	300.000	0.000	200.000	100.000	300.000	0.000	0.000	0.000
4950	Strengthening of Veterinary Services Network in Tribal Areas of DG Khan 01041900404 / Un-Approved / Dera Ghazi Khan	108.000	0.000	0.000	108.000	108.000	0.000	0.000	0.000
4951	Establishment of Civil Veterinary Dispensaries in District Dera Ghazi Khan 01041901956 / Un-Approved / Dera Ghazi Khan	117.000	0.000	91.000	26.000	117.000	0.000	0.000	0.000
4952	Provision of Veterinary Services and Capacity Biilding in District Rajanpur 01071900406 / Un-Approved / Rajanpur	300.000	0.000	200.000	100.000	300.000	0.000	0.000	0.000
4953	Quality Assurance of SPU Karaniwal & Quality Control Lab through ISO Certification 01021900414 / Un-Approved / Bahawalpur	35.000	0.000	0.000	35.000	35.000	0.000	0.000	0.000
4954	Strengthening of Disease Diagnosis , Reporting, Surveillance System and ISO Certification of Provincial Diagnostic Labs Lahore. 01371800433 / Un-Approved / Punjab	100.000	0.000	0.000	20.000	20.000	80.000	0.000	0.000
4955	Productivity Enhancement through Improved feeding techniques at Govt. Livestock Farms 01371900397 / Un-Approved / Punjab	200.000	0.000	10.000	40.000	50.000	150.000	0.000	0.000

Livestock & Dairy Development

(PKR Million)

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				Cap.	Rev.	G.Total (Cap.+Rev.)	2020-21	2021-22	
1	2	3	4	5	6	7	8	9	10
4956	Conservation and Propagation of Indigenous Breeds (Cattle & Buffalo) through Progeny Testing Programme (PTP) in Punjab (SMART, DLI-3b) 01371900888 / Un-Approved / Punjab	150.000	0.000	0.000	50.000	50.000	50.000	50.000	0.000
4957	Revamping of Directorate of Planning and Evaluation, L&DD, Punjab (SMART, DLI-2) 01371900897 / Un-Approved / Punjab	40.000	0.000	0.000	40.000	40.000	0.000	0.000	0.000
4958	Establishment of Foot and Mouth Disease Free Zones / Compartments in Cholistan and Bahawalpur Division 01371900936 / Un-Approved / Punjab	1,135.000	0.000	100.000	190.915	290.915	487.085	357.000	0.000
4959	Productivity Enhancement of Non Descript Cattles in Punjab 01371902239 / Un-Approved / Punjab	170.000	0.000	0.000	70.000	70.000	100.000	0.000	0.000
4960	Feasibility Study for Establishment of Model Livestock Farms Linked with Improved Supply Chain and Value Addition 01371902483 / Un-Approved / Punjab	30.000	0.000	0.000	30.000	30.000	0.000	0.000	0.000
Total: Agriculture Extension		3,200.000	0.000	780.000	930.915	1,710.915	1,082.085	407.000	0.000
PM's Package									
4961	Propagation of backyard poultry for increased availability of animal protein to counter stunted growth- Prime Minister Initiatives 01371900196 / 01-07-2019 / Punjab	458.080	0.000	0.000	114.820	114.820	145.250	312.530	0.000
4962	Enhancing Beef Production Through Save the Buffalo Calves and Feedlot Fattening- Prime Minister Initiatives (SMART, DLI-2) 01371900926 / 01-07-2019 / Punjab	1,471.200	0.000	0.000	345.360	345.360	468.984	1,024.656	0.000
Total: PM's Package		1,929.280	0.000	0.000	460.180	460.180	614.234	1,337.186	0.000
Total: NEW SCHEMES		5,129.280	0.000	780.000	1,391.095	2,171.095	1,696.319	1,744.186	0.000
PPP PROJECT									
PPP									
4963	Development of Buffalo Milk Value Chain in Punjab under Public-Private Partnership Mode (PPP Mode) 01371902482 / Un-Approved / Punjab	1.000	0.000	0.000	1.000	1.000	0.000	0.000	0.000
Total: PPP		1.000	0.000	0.000	1.000	1.000	0.000	0.000	0.000
Total: PPP PROJECT		1.000	0.000	0.000	1.000	1.000	0.000	0.000	0.000
Grand Total		10,263.708	3,805.523	924.360	2,575.640	3,500.000	1,696.319	1,744.186	0.000