

# AGRICULTURE

## VISION

Transforming agriculture sector into a diversified, sustainable, modern and market-driven sector through knowledge based empowerment, efficient resource utilization and revamping existing practices

## GOALS

- Raise the growth rate of agriculture sector from existing 2.1% to 5%
- Transforming Agriculture Department into a strong ICT-led farmer-centric institution
- Improve service delivery to farmers with 75% farmer access to evidence-based and diagnostic-driven extension services
- Mobilize private investment of PKR 75 billion in the sector

## OBJECTIVES

- Paradigm shift from industrial agriculture to diversified agro ecological systems
- Increase the supply and quality of Agricultural Crops
- Improve living standards of small and subsistence farmers
- Contribute towards national food security
- Promote integrated and sustainable use and management of natural resources
- Sufficient market infrastructure to ensure optimal value addition
- Strengthen Research-Extension-Farmer linkage
- Promotion of diversified crops like Olives and Grapes in Pothohar region and Datepalm in Southern Punjab
- Regulatory and Institutional changes

## STRATEGY

- Vertical enhancement in crop productivity through resource and emerging need based oriented innovative technologies
- Emphasis on horticulture, cotton and high value agriculture
  - Encouraging participation of private sector research
  - Favorable horticulture policies
- Development of value chain and establishment of food certification mechanism
- Improvement of infrastructure and capacity building of research and extension
  - Incentives to scientists to deliver
  - International coordination
  - Private sector participation
  - Exploring renewable energy sources in agriculture
- Increase farmers income
  - Diversified agriculture
  - Enhancing cotton and maize productivity
- Increase in national income
- Enhancing Crop Productivity through adoption of new technologies
- Mitigating Climate Change
- Harness the potential of Western Corridor of CPEC
- Eradication of poverty
- Enhancement of fruit & vegetable production and productivity
  - Improve seed quality
  - Introduction of good management practices
  - Extension in shelf life
  - Availability of certified nursery plants
  - Develop value chain by engaging modern super markets
  - Transform supply-based to demand oriented production
  - Establish food certification system

- Efficient use of water by way of precision land leveling and economical use of available water through High Efficiency (Drip/Sprinkler) Irrigation Systems
- Decrease in oil seeds import bills through boosting local production
- Diversification of high value cropping through promotion of Horticulture
- Commissioned Research for Development of Cotton Seed
- Development of efficient marketing infrastructure
- Strengthening of triangle linkages among farmer-Research & Extension

### OUTCOME BASED TARGETS 2017-18

Activities	2016-17		2017-18
	Targets	Achievements	Targets
Improvement of Water courses (No.)	1,200	1,000	1,200
Installation of high efficiency (Sprinkler/Drip) irrigation system (Acres)	10,000	10,000	10,000
Provision of LASER Units to Service Providers/ Farmers (No.)	2,000	3,000	3,000
Training courses on Improved Water Management Practices (No.)	150	150	150
Rehabilitation of Irrigation Schemes in Non- Canal areas (No.)	450	450	450
Demonstration of Plots for Enhancing Vegetable Production (No.)	312	312	-
Demonstration of Plots for Promotion of Pulses Cultivation (No.)	100	100	-
Provision of certified seed of Lentil and Mash to farmers on subsidized rates (Kg)	100,000	17,400	120,000

Activities	2016-17		2017-18
	Targets	Achievements	Targets
Rehabilitation / additional lining of already improved watercourses upto 50% length (No.)	550	250	550
Import & Cultivation of olive plants (No.)	337,500	250,000	2,83,500
Area to be covered with olive plantation (acres)	3,000	2,500	2,100
Collection of soil samples (Nos) from farmers fields for database development	375,000	378,091	6,00,000
No. of soil samples analyzed	300,000	300,000	5,00,000
Development of water storage ponds in canal irrigated areas of the Punjab	-	-	150
Installation of Sprinkler Irrigation System for Gram cultivation (Acres)	-	-	400
No. of acres to be compliant for GAP certifications	-	-	30,000
Installation of weighbridges at Agriculture Produce Markets	-	-	15
No. of Date palm plants to be imported	-	-	5,000
No. of plants of seedless Kinnow to be produced	-	-	5,000

## TREND OF ALLOCATIONS

(Millions PKR)

<b>Sr.No.</b>	<b>Year</b>	<b>Allocation</b>
1.	2013-14	5,230
2.	2014-15	7,900
3.	2015-16	10,725
4.	2016-17	20,000
5.	2017-18	21,005

**MTDF 2017-20**  
**AGRICULTURE: SUMMARY**  
**DEVELOPMENT PROGRAMME 2017-18**

*(Million PKR)*

Sub-Sector	Local	F. Aid	Total
<b>On-going Schemes</b>			
Agriculture Education	1,356.760	0.000	1,356.760
Agriculture Extension	603.904	0.000	603.904
Agriculture Information	24.384	0.000	24.384
Agriculture Mechanization	169.808	0.000	169.808
Agriculture Research	538.401	0.000	538.401
Economics & Marketing	200.000	0.000	200.000
Water Management	2,310.743	2,761.000	5,071.743
<b>Total: On-going Schemes</b>	<b>5,204.000</b>	<b>2,761.000</b>	<b>7,965.000</b>
<b>New Schemes</b>			
Agriculture Education	210.000	0.000	210.000
Agriculture Extension	110.000	0.000	110.000
Agriculture Mechanization	5.000	0.000	5.000
Agriculture Research	235.000	0.000	235.000
Economics & Marketing	80.000	0.000	80.000
Floriculture	50.000	0.000	50.000
Local Development Programme	20.000	0.000	20.000
Prime Minister's SDGs Programme	5.000	0.000	5.000
Punjab Agriculture , Food and Drug Authority (PAFDA)	2,000.000	0.000	2,000.000
Punjab Agriculture Research Board (PARB)	175.000	0.000	175.000
Water Management	50.000	0.000	50.000
<b>Total: New Schemes</b>	<b>2,940.000</b>	<b>0.000</b>	<b>2,940.000</b>
<b>Other Development Program</b>			
ODP	10,100.000	0.000	10,100.000
<b>Total: Other Development Program</b>	<b>10,100.000</b>	<b>0.000</b>	<b>10,100.000</b>
<b>Total (Ongoing + New + ODP)</b>	<b>18,244.000</b>	<b>2,761.000</b>	<b>21,005.000</b>

**DEVELOPMENT PROGRAMME 2018-19**

*(Million PKR)*

Sub-Sector	Local	F. Aid	Total
<b>On-going Schemes</b>			
Agriculture Education	1,492.436	0.000	1,492.436
Agriculture Extension	664.294	0.000	664.294
Agriculture Information	26.822	0.000	26.822
Agriculture Mechanization	186.789	0.000	186.789
Agriculture Research	592.241	0.000	592.241
Economics & Marketing	220.000	0.000	220.000
Water Management	2,541.817	4,000.000	6,541.817
<b>Total: On-going Schemes</b>	<b>5,724.400</b>	<b>4,000.000</b>	<b>9,724.400</b>
<b>New Schemes</b>			
Agriculture Education	231.000	0.000	231.000
Agriculture Extension	121.000	0.000	121.000
Agriculture Mechanization	5.500	0.000	5.500
Agriculture Research	258.500	0.000	258.500
Economics & Marketing	88.000	0.000	88.000
Floriculture	55.000	0.000	55.000
Local Development Programme	22.000	0.000	22.000

**MTDF 2017-20**  
**AGRICULTURE: SUMMARY**

Prime Minister's SDGs Programme	5.500	0.000	5.500
Punjab Agriculture , Food and Drug Authority (PAFDA)	3,000.000	0.000	3,000.000
Punjab Agriculture Research Board (PARB)	192.500	0.000	192.500
Water Management	55.000	0.000	55.000
<b>Total: New Schemes</b>	<b>4,034.000</b>	<b>0.000</b>	<b>4,034.000</b>
<b>Other Development Program</b>			
ODP	11,110.000	0.000	11,110.000
<b>Total: Other Development Program</b>	<b>11,110.000</b>	<b>0.000</b>	<b>11,110.000</b>
<b>Total (Ongoing + New + ODP)</b>	<b>20,868.400</b>	<b>20,868.400</b>	<b>24,868.400</b>

**DEVELOPMENT PROGRAMME 2019-20**

*(Million PKR)*

Sub-Sector	Local	F. Aid	Total
<b>On-going Schemes</b>			
Agriculture Education	1,641.680	0.000	1,641.680
Agriculture Extension	730.724	0.000	730.724
Agriculture Information	29.505	0.000	29.505
Agriculture Mechanization	205.468	0.000	205.468
Agriculture Research	651.465	0.000	651.465
Economics & Marketing	242.000	0.000	242.000
Water Management	2,795.999	5,000.000	7,795.999
<b>Total: On-going Schemes</b>	<b>6,296.840</b>	<b>5,000.000</b>	<b>11,296.840</b>
<b>New Schemes</b>			
Agriculture Education	254.100	0.000	254.100
Agriculture Extension	133.100	0.000	133.100
Agriculture Mechanization	6.050	0.000	6.050
Agriculture Research	284.350	0.000	284.350
Economics & Marketing	96.800	0.000	96.800
Floriculture	60.500	0.000	60.500
Local Development Programme	24.200	0.000	24.200
Prime Minister's SDGs Programme	6.050	0.000	6.050
Punjab Agriculture , Food and Drug Authority (PAFDA)	0.000	0.000	0.000
Punjab Agriculture Research Board (PARB)	211.750	0.000	211.750
Water Management	60.500	0.000	60.500
<b>Total: New Schemes</b>	<b>1,137.400</b>	<b>0.000</b>	<b>1,137.400</b>
<b>Other Development Program</b>			
ODP	12,221.000	0.000	12,221.000
<b>Total: Other Development Program</b>	<b>12,221.000</b>	<b>0.000</b>	<b>12,221.000</b>
<b>Total (Ongoing + New + ODP)</b>	<b>19,655.240</b>	<b>5,000.000</b>	<b>24,655.240</b>

**MTDF 2017-20 : Grand Total**

**70,528.640**

## AGRICULTURE: SUMMARY

(Million PKR.)

Type / Sub Sector	No. of Schemes	Provision for 2017-18				Projection for 2018-19	Projection for 2019-20
		Capital	Revenue	Foreign Aid	G. Total (Cap+Rev)		
<b><u>ON-GOING SCHEMES</u></b>							
Agriculture Education	6	0.000	1,356.760	0.000	1,356.760	1,177.368	149.569
Agriculture Extension	4	0.000	603.904	0.000	603.904	973.522	1,164.216
Agriculture Information	1	0.000	24.384	0.000	24.384	0.000	0.000
Agriculture Mechanization	4	28.000	141.808	0.000	169.808	550.442	955.332
Agriculture Research	12	24.476	513.925	0.000	538.401	919.211	881.394
Economics & Marketing	1	0.000	200.000	0.000	200.000	569.385	581.596
Water Management	6	0.000	2,310.743	2,761.000	5,071.743	9,492.642	7,318.650
<b>Total: ON-GOING SCHEMES</b>	<b>34</b>	<b>52.476</b>	<b>5,151.524</b>	<b>2,761.000</b>	<b>7,965.000</b>	<b>13,682.570</b>	<b>11,050.757</b>
<b><u>NEW SCHEMES</u></b>							
Agriculture Education	5	0.000	210.000	0.000	210.000	750.000	250.000
Agriculture Extension	3	0.000	110.000	0.000	110.000	900.000	0.000
Agriculture Mechanization	1	0.000	5.000	0.000	5.000	0.000	0.000
Agriculture Research	4	130.000	105.000	0.000	235.000	465.000	250.000
Economics & Marketing	2	50.000	30.000	0.000	80.000	300.000	0.000
Floriculture	1	5.000	45.000	0.000	50.000	350.000	0.000
Local Development Programme	2	0.000	20.000	0.000	20.000	33.000	0.000
Prime Minister's SDGs Programme	1	0.000	5.000	0.000	5.000	0.000	0.000
Punjab Agriculture , Food and Drug Authority (PAFDA)	1	1,500.000	500.000	0.000	2,000.000	3,000.000	0.000
Punjab Agriculture Research Board (PARB)	2	0.000	175.000	0.000	175.000	1,500.000	1,000.000
Water Management	1	0.000	50.000	0.000	50.000	125.000	125.000
<b>Total: NEW SCHEMES</b>	<b>23</b>	<b>1,685.000</b>	<b>1,255.000</b>	<b>0.000</b>	<b>2,940.000</b>	<b>7,423.000</b>	<b>1,625.000</b>
<b><u>OTHER DEVELOPMENT PROGRAMME</u></b>							
ODP	2	0.000	10,100.000	0.000	10,100.000	0.000	0.000
<b>Total: OTHER DEVELOPMENT PROGRAMME</b>	<b>2</b>	<b>0.000</b>	<b>10,100.000</b>	<b>0.000</b>	<b>10,100.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Grand Total</b>	<b>59</b>	<b>1,737.476</b>	<b>16,506.524</b>	<b>2,761.000</b>	<b>21,005.000</b>	<b>21,105.570</b>	<b>12,675.757</b>



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(Million PKR.)

GS No	Scheme Information Approval Date / Location	Est. Cost	Accum. Exp June,17	Provision for 2017-18			MTDF Projections		Throw fwd Beyond June, 2020
				Cap	Rev	G. Total (Cap+Rev)	2018-19	2019-20	
1	2	3	4	5	6	7	8	9	10

## ON-GOING SCHEMES

### Agriculture Education

8966	Testing Indigenous Hydroponic Greenhouses for Vegetable Growing at various Locations in Punjab. Approved PDWP 2016/07/15 Rawalpindi	77.571	66.350	0.000	11.221	11.221	0.000	0.000	0.000
8967	Establishment of Sub Campus of PMAS Arid Agriculture University Rawalpindi Attock Approved PDWP 2017/01/25 Attock	879.668	130.000	0.000	200.000	200.000	549.668	0.000	0.000
8968	Scheme for 50 overseas Ph.D. Scholarships for University of Agriculture, Faisalabad. Approved PDWP 2015/08/20 Faisalabad	656.083	187.788	0.000	100.000	100.000	172.155	149.569	46.571
8969	Establishment of Punjab Bio Energy Institute PBI at UAF Approved PDWP 2014/10/2016 Faisalabad	770.473	532.015	0.000	239.614	239.614	0.000	0.000	0.000
8970	Establishment of Sub Campus of University of Agriculture Faisalabad at Depalpur District Okara. Approved PDWP 2015/04/13 Okara	454.960	373.070	0.000	80.000	80.000	0.000	0.000	0.000
8971	Establishment of Muhammad Nawaz Shareef University of Agriculture, Multan (Phase II). Approved PDWP 2017-05-26 Multan	1,510.243	328.773	0.000	725.925	725.925	455.545	0.000	0.000
<b>Sub-Total: Agriculture Education</b>		<b>4,348.998</b>	<b>1,617.996</b>	<b>0.000</b>	<b>1,356.760</b>	<b>1,356.760</b>	<b>1,177.368</b>	<b>149.569</b>	<b>46.571</b>

### Agriculture Extension

8972	Management of fruit fly with special reference to non conventional methods. Approved PDWP 2014/10/20 Punjab	227.610	159.040	0.000	61.642	61.642	0.000	0.000	0.000
8973	Promotion of Pulses Cultivation in Punjab Approved PDWP 2014/03/25 Punjab	127.312	120.673	0.000	6.639	6.639	0.000	0.000	0.000
8974	Extension Service 2.0 Farmer Facilitation Through Modernized Extension. Approved PDWP 2017-05-26 Punjab	4,104.739	1,479.318	0.000	513.193	513.193	948.012	1,164.216	0.000
8975	Community Based Integrated Management of Pink Bollworm and Provision of missing facilities to Pest Warning Wing Approved DDSC 2017/01/13 Punjab	96.232	48.268	0.000	22.430	22.430	25.510	0.000	0.000
<b>Sub-Total: Agriculture Extension</b>		<b>4,555.893</b>	<b>1,807.299</b>	<b>0.000</b>	<b>603.904</b>	<b>603.904</b>	<b>973.522</b>	<b>1,164.216</b>	<b>0.000</b>

### Agriculture Information

8976	Interactive Information Dissemination System through Use of Modern Technologies for Innovative Agriculture Approved DDSC 2016/07/15 Punjab	49.346	23.230	0.000	24.384	24.384	0.000	0.000	0.000
<b>Sub-Total: Agriculture Information</b>		<b>49.346</b>	<b>23.230</b>	<b>0.000</b>	<b>24.384</b>	<b>24.384</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>

### Agriculture Mechanization

# AGRICULTURE

(Million PKR.)

GS No	Scheme Information Approval Date / Location	Est. Cost	Accum. Exp June,17	Provision for 2017-18			MTDF Projections		Throw fwd Beyond June, 2020
				Cap	Rev	G. Total (Cap+Rev)	2018-19	2019-20	
1	2	3	4	5	6	7	8	9	10
8977	Construction of New Agricultural Offices Complex, at Murree Road, and Soil Conservation, Agricultural Engineering Workshops and Offices at Adyala Road, Rawalpindi. Approved DDSC 2013/11/04 Rawalpindi	275.336	247.336	28.000	0.000	28.000	0.000	0.000	0.000
8978	Introduction and promotion of hi tech farm mechanization technologies Approved DDSC 2016/12/01 Multan	61.335	22.923	0.000	26.619	26.619	11.586	0.000	0.000
8979	Provision of GPS & Tracking System in machinery of Field Wing. Approved DDSC 2016/07/15 Punjab	30.671	15.482	0.000	15.189	15.189	0.000	0.000	0.000
8980	Establishment of Hi Tech Mechanization Service Centre in Punjab Approved PDWP 2016/07/01 Punjab	2,019.117	2.986	0.000	100.000	100.000	538.856	955.332	421.943
<b>Sub-Total: Agriculture Mechanization</b>		<b>2,386.459</b>	<b>288.727</b>	<b>28.000</b>	<b>141.808</b>	<b>169.808</b>	<b>550.442</b>	<b>955.332</b>	<b>421.943</b>
<b>Agriculture Research</b>									
8981	Introduction and adaptation of high value crops and fruits in climatic conditions of Punjab. Approved DDSC 2015/08/01 Chakwal	34.565	23.194	0.000	4.657	4.657	3.247	3.467	0.000
8982	Evolution of Sorghum and Corn genotypes for the production of conserved fodders. Approved DDSC 2015/08/01 Sargodha	9.158	6.377	0.000	2.166	2.166	0.000	0.000	0.000
8983	Improvement of Production Technology in Garlic and Ginger Approved DDSC 2016/12/09 Faisalabad	78.863	34.089	0.000	10.624	10.624	11.032	11.298	11.820
8984	Provision of lab and field equipment for Development of Basmati Rice Hybrid Resistant to Bacterial Leaf Blight, Flood and Salinity in Punjab, Approved DDSC 2015/08/01 Sheikhpura	44.010	18.378	0.000	8.740	8.740	7.915	5.655	3.322
8985	Production of Pre Basic / Basic Virus Free Seed of the Approved Potato Variety / Varieties through Tissue Culture Approved DDSC 2016/07/15 Sahiwal	44.816	34.020	0.000	3.320	3.320	3.220	0.000	0.000
8986	Diversification to high value cropping through promotion of horticulture. Approved PDWP 2016/07/01 Punjab	1,000.000	0.000	0.000	100.000	100.000	314.830	314.990	270.180
8987	Accreditation of AARI Laboratories for ISO 17025 Approved DDSC 2017/01/04 Punjab	120.614	69.770	0.000	45.819	45.819	0.000	0.000	0.000
8988	Commissioned Research for development of Cotton Seed. Approved DDSC 2016/07/15 Multan,Rahim Yar Khan,Faisalabad	365.011	0.000	0.000	100.000	100.000	135.254	34.154	95.603
8989	Development of Integrated Management of Citrus Orchards to Enhance the Yield & Improvement of Fruit quality Approved DDSC 2016/07/15 Sargodha,Toba Tek Singh,Faisalabad	28.429	13.860	0.000	9.695	9.695	4.874	0.000	0.000
8990	Improvement of Breeding and Seed Production System of Fodder Crops Approved DDSC 2017/01/18 Multan,Faisalabad	58.298	4.759	24.476	20.644	45.120	8.419	0.000	0.000

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				Cap	Rev	G. Total (Cap+Rev)	2018-19	2019-20	
1	2	3	4	5	6	7	8	9	10
8991	Developing Pothwar into an Olive Valley. Approved PDWP 2015/08/01 Attock,Jhelum,Rawalpindi,Khushab,Chakwal	1,825.000	224.036	0.000	200.000	200.000	427.000	508.200	465.764
8992	Provision of Additional Research Facilities for Development of Heat Resilient Maize Hybrids at Maize & Millet Research Institute Approved DDSC 2015/08/01 Faisalabad,Sahiwal	48.000	27.796	0.000	8.260	8.260	3.420	3.630	4.894
<b>Sub-Total: Agriculture Research</b>		<b>3,656.764</b>	<b>456.279</b>	<b>24.476</b>	<b>513.925</b>	<b>538.401</b>	<b>919.211</b>	<b>881.394</b>	<b>851.583</b>
<b>Economics &amp; Marketing</b>									
8993	Establishment of Model Farms linked with improved Supply Chain and Value Addition Approved PDWP 2016/07/01 Punjab	2,180.343	0.000	0.000	200.000	200.000	569.385	581.596	829.362
<b>Sub-Total: Economics &amp; Marketing</b>		<b>2,180.343</b>	<b>0.000</b>	<b>0.000</b>	<b>200.000</b>	<b>200.000</b>	<b>569.385</b>	<b>581.596</b>	<b>829.362</b>
<b>Water Management</b>									
8994	Construction of watercourses & laser leveling equipment at Chak No 105/ML, District Layyah Approved DDC/DDWP 2017/01/10 Layyah	17.530	7.530	0.000	10.000	10.000	0.000	0.000	0.000
8995	Punjab Irrigated Agriculture Productivity Improvement Project PIPIP World Bank Assisted Approved PDWP 2012/08/2016 Punjab	40,919.705	1,882.800	0.000	3,380.717	3,380.717	5,763.000	5,442.000	24,451.188
			Local:	0.000	619.717				
			Foreign:	0.000	2,761.000				
8996	Optimizing watercourse conveyance efficiency through enhancing lining length. Approved PDWP 2015/08/20 Punjab	6,829.695	1,847.480	0.000	500.000	500.000	1,765.922	1,876.650	839.643
8997	Provision of Laser Land Levellers to the farmers / service providers on subsidized costs. Approved PDWP 2015/08/20 Punjab	1,350.000	681.300	0.000	668.700	668.700	0.000	0.000	0.000
8998	Promotion of High Value Agriculture through Provision of Climate Smart Technology Package Approved PDWP 2017/01/01 Punjab	3,475.000	225.000	0.000	500.000	500.000	1,951.144	0.000	0.000
8999	Rainwater management in cotton fields to Minimize impacts of climate change Approved PDWP 2016/07/01 Punjab	34.835	6.900	0.000	12.326	12.326	12.576	0.000	0.000
<b>Sub-Total: Water Management</b>		<b>52,626.765</b>	<b>4,651.010</b>	<b>0.000</b>	<b>5,071.743</b>	<b>5,071.743</b>	<b>9,492.642</b>	<b>7,318.650</b>	<b>25,290.831</b>
<b>Total: ON-GOING SCHEMES</b>		<b>69,804.568</b>	<b>8,844.541</b>	<b>52.476</b>	<b>7,912.524</b>	<b>7,965.000</b>	<b>13,682.570</b>	<b>11,050.757</b>	<b>27,440.290</b>

## NEW SCHEMES

### Agriculture Education

9000	Construction of student hostels (male+female) at PMAS AAUR Un-Approved Rawalpindi	500.000	0.000	0.000	100.000	100.000	400.000	0.000	0.000
9001	Establishment of commercial plant tissue culture industry for mass propagation of economically important horticultural crops (PPP) Un-Approved Faisalabad	5.000	0.000	0.000	5.000	5.000	0.000	0.000	0.000

# AGRICULTURE

(Million PKR.)

GS No	Scheme Information Approval Date / Location	Est. Cost	Accum. Exp June,17	Provision for 2017-18			MTDF Projections		Throw fwd Beyond June, 2020
				Cap	Rev	G. Total (Cap+Rev)	2018-19	2019-20	
1	2	3	4	5	6	7	8	9	10
9002	Establishment of Agriculture Heritage Museum (AHM) at University of Agriculture Faisalabad Un-Approved Faisalabad	200.000	0.000	0.000	50.000	50.000	150.000	0.000	0.000
9003	Establishment of the Seed Health Testing and Processing Facility under (PPP) Un-Approved Multan	5.000	0.000	0.000	5.000	5.000	0.000	0.000	0.000
9004	Provision of missing infrastructure at Burewala Campus of UAF Un-Approved Vehari	500.000	0.000	0.000	50.000	50.000	200.000	250.000	0.000
<b>Sub-Total: Agriculture Education</b>		<b>1,210.000</b>	<b>0.000</b>	<b>0.000</b>	<b>210.000</b>	<b>210.000</b>	<b>750.000</b>	<b>250.000</b>	<b>0.000</b>
<b>Agriculture Extension</b>									
9005	Rehabilitation of salt affected Soil through Gypsum application Un-Approved Punjab	1,000.000	0.000	0.000	100.000	100.000	900.000	0.000	0.000
9006	Contract farming through Public Private Partnership (PPP) Un-Approved Punjab	5.000	0.000	0.000	5.000	5.000	0.000	0.000	0.000
9007	Privatization of Punjab Seed Corporation for strategic orientation of PSC (PPP) Un-Approved Punjab	5.000	0.000	0.000	5.000	5.000	0.000	0.000	0.000
<b>Sub-Total: Agriculture Extension</b>		<b>1,010.000</b>	<b>0.000</b>	<b>0.000</b>	<b>110.000</b>	<b>110.000</b>	<b>900.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Agriculture Mechanization</b>									
9008	Privatization of Karkhana-e-Aalaat - e - Zarai in Bahawalpur (PPP) Un-Approved Bahawalpur	5.000	0.000	0.000	5.000	5.000	0.000	0.000	0.000
<b>Sub-Total: Agriculture Mechanization</b>		<b>5.000</b>	<b>0.000</b>	<b>0.000</b>	<b>5.000</b>	<b>5.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Agriculture Research</b>									
9009	Upgradation of AARI Infrastructure, Faisalabad Un-Approved Faisalabad	300.000	0.000	100.000	0.000	100.000	200.000	0.000	0.000
9010	Development of hybrid and OPVs in horticulture crops resilient to climate change Un-Approved Faisalabad	1,000.000	0.000	0.000	100.000	100.000	240.000	250.000	410.000
9011	Construction of separate washrooms for female staff Un-Approved Punjab	50.000	0.000	25.000	0.000	25.000	25.000	0.000	0.000
9012	Provision for completion of unfunded and incomplete schemes Un-Approved Punjab	10.000	0.000	5.000	5.000	10.000	0.000	0.000	0.000
<b>Sub-Total: Agriculture Research</b>		<b>1,360.000</b>	<b>0.000</b>	<b>130.000</b>	<b>105.000</b>	<b>235.000</b>	<b>465.000</b>	<b>250.000</b>	<b>410.000</b>
<b>Economics &amp; Marketing</b>									
9013	Establishment of Date Processing Unit in D.G.Khan under PPP Un-Approved Dera Ghazi Khan	5.000	0.000	0.000	5.000	5.000	0.000	0.000	0.000
9014	Improvement / Modernization of Agricultural Produce Markets (Phase-I). Un-Approved Punjab	375.000	0.000	50.000	25.000	75.000	300.000	0.000	0.000

# AGRICULTURE

(Million PKR.)

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				Cap	Rev	G. Total (Cap+Rev)	2018-19	2019-20	
1	2	3	4	5	6	7	8	9	10
<b>Sub-Total: Economics &amp; Marketing</b>		380.000	0.000	50.000	30.000	80.000	300.000	0.000	0.000
<b>Floriculture</b>									
9015	Development of floriculture market in Punjab Un-Approved Lahore	400.000	0.000	5.000	45.000	50.000	350.000	0.000	0.000
<b>Sub-Total: Floriculture</b>		400.000	0.000	5.000	45.000	50.000	350.000	0.000	0.000
<b>Local Development Programme</b>									
9016	Construction of watercourse of Chak No. 393/JB, Khanpur, District T.T. Singh Un-Approved Toba Tek Singh	20.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000
9017	Construction of scheme of watercourses in Bahawalpur Un-Approved Bahawalpur	33.000	0.000	0.000	10.000	10.000	23.000	0.000	0.000
<b>Sub-Total: Local Development Programme</b>		53.000	0.000	0.000	20.000	20.000	33.000	0.000	0.000
<b>Prime Minister's SDGs Programme</b>									
9018	Establishment of Laboratory School, Agriculture University, Mohallah Usman Ghani, Faisalabad in District Faisalabad (PP-65) Un-Approved Faisalabad	5.000	0.000	0.000	5.000	5.000	0.000	0.000	0.000
<b>Sub-Total: Prime Minister's SDGs Programme</b>		5.000	0.000	0.000	5.000	5.000	0.000	0.000	0.000
<b>Punjab Agriculture , Food and Drug Authority (PAFDA)</b>									
9019	Establishment of Punjab Agriculture, Food and Drug Authority (PAFDA) Science Enclave Main Building Premises, Lahore Un-Approved Lahore	5,000.000	0.000	1,500.000	500.000	2,000.000	3,000.000	0.000	0.000
<b>Sub-Total: Punjab Agriculture , Food and Drug Authority (PAFDA)</b>		5,000.000	0.000	1,500.000	500.000	2,000.000	3,000.000	0.000	0.000
<b>Punjab Agriculture Research Board (PARB)</b>									
9020	Transaction advisory services for Punjab Cotton Seed Reforms Project Un-Approved Lahore	75.000	0.000	0.000	75.000	75.000	0.000	0.000	0.000
9021	Cotton seed reform project Un-Approved Punjab	4,000.000	0.000	0.000	100.000	100.000	1,500.000	1,000.000	1,400.000
<b>Sub-Total: Punjab Agriculture Research Board (PARB)</b>		4,075.000	0.000	0.000	175.000	175.000	1,500.000	1,000.000	1,400.000
<b>Water Management</b>									
9022	Promotion of gram cultivation through life saving irrigation and sprinkler system under climate change Un-Approved Punjab	300.000	0.000	0.000	50.000	50.000	125.000	125.000	0.000
<b>Sub-Total: Water Management</b>		300.000	0.000	0.000	50.000	50.000	125.000	125.000	0.000
<b>Total: NEW SCHEMES</b>		13,798.000	0.000	1,605.000	1,255.000	2,940.000	7,423.000	1,625.000	1,810.000

# AGRICULTURE

(Million PKR.)

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				Cap	Rev	G. Total (Cap+Rev)	2018-19	2019-20	
1	2	3	4	5	6	7	8	9	10
<b>OTHER DEVELOPMENT PROGRAMME</b>									
<b>ODP</b>									
9023	Punjab Bio-Energy Company Limited Approved PDWP 2016.07.15 Punjab	827.200	0.000	0.000	100.000	100.000	0.000	0.000	0.000
9024	Khadem-e-Punjab Kissan Package Un-Approved Punjab	10,000.000	0.000	0.000	10,000.000	10,000.000	0.000	0.000	0.000
<b>Sub-Total: ODP</b>		<b>10,827.200</b>	<b>0.000</b>	<b>0.000</b>	<b>10,100.000</b>	<b>10,100.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Total: OTHER DEVELOPMENT PROGRAMME</b>		<b>10,827.200</b>	<b>0.000</b>	<b>0.000</b>	<b>10,100.000</b>	<b>10,100.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Grand Total</b>		<b>94,429.768</b>	<b>8,844.541</b>	<b>1,737.476</b>	<b>19,267.524</b>	<b>21,005.000</b>	<b>21,105.570</b>	<b>12,675.757</b>	<b>29,250.290</b>