

1 1	Number of correspondence / meetings arranged to Foster Provincial Agricultural Research System's collaboration with national and international research institutions and with private sector (24)	Planned	• 3 National. • 3 International.	• 3 National. • 3 International.	• 3 National. • 3 International.	• 3 National. • 3 International.									
	Source of verification: Minutes of the meeting. • Official correspondence.	Achieved													

BUDGET DETAILS- CONSOLIDATED																
Type	Historical Data				2017-18 Quarter 1			2017-18 Quarter 2			2017-18 Quarter 3			2017-18 Quarter 4		
	2016 /17- Allocated	2016 /17 Consumed	%age Utilization	Total Allocation for 2017-18	Allocation	Consumed	Comments	Allocation	Consumed	Comments	Allocation	Consumed	Comments	Allocation	Consumed	Comments
Operational	45.295	45.230	99.86	65.984 M		32.177	32.177		-	-		33.228	33.228		-	-
CGS Projects (Non Development)	159.600	159.599	0.00	159.60 M		35.910	35.910		39.900	39.900		39.900	39.900		39.900	39.900
CGS Projects (Development)	-	-	-	500 M		100.000	100.000		200.000	200.000		150.000	150.000		50.000	50.000
TOTAL	204.895	204.829	99.97			168.087	168.087		239.900	239.900		223.128	223.128		89.900	89.900

Note: The details of new projects are enclosed as Annexure-1.

A. Projects Approved by Board

Sr. No.	Project No.	Project Title	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
1	645	Production of Foot & Mouth Disease (FMD) Recombinant Vaccine	15.84	4.71	4.13	4.25	3.53	32.46
2	650	Development, Evaluation and Promotion of Straw Based Pelleted TMR for Enhancing Quality Mutton Production	10.19	5.63	5.98	6.27	-	28.07
3	799	Growing vegetables hydroponically under conventional high tunnels	4.06	0.93	-	-	-	4.99
4	851	Development of New Herbicide Trait and its Transformation in Wheat and Cotton	17.94	9.94	6.91	7.02	3.48	45.30
5	890	Training of Agri. Extension Wing, Federal Seed Certification & Registration Department and Private sector personnel in detection, identification & quantification of Bt cotton	11.00	-	-	-	-	11.00
		Sub Total	59.03	21.21	17.02	17.54	7.01	121.82

B. Projects Approved by Executive Committee

Sr. No.	Project No.	Project Title	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
6	599	Pre and Post Management of Aflatoxin Contamination in Groundnut	16.22	9.22	8.14	7.72	-	41.30
7	638	Development of inactivated polyvalent vaccine for the control of mastitis in dairy cattle	5.75	3.69	-	-	-	9.44
8	753	Development and dissemination of mechanical cotton hand picker in Punjab	6.71	4.24	6.02	-	-	16.96
9	770	Development and dissemination of rice and wheat varieties suitable for irrigated rice-wheat cropping system in the climate change scenario RRI, KSK	14.88	8.12	8.26	8.29	9.00	48.55
10	830	Breeding Soybean for adaptation and high yield in Agro ecological Zones of Punjab	5.48	2.87	2.69	3.50	4.21	18.75
11	888	A comparative integrated scientific approach for the development of sustainable management strategies of pink bollworm (<i>Pectinophora gossypiellaa</i>)	31.93	16.27	15.82	-	-	64.02

12	889	Management of Whitefly by integrated strategies and development of resistant cotton germplasm through genetic engineering	11.29	5.97	6.14	4.55	4.66	32.61
13	891	Integrated crop residue management for organic agriculture and bioenergy production	14.56	13.63	6.83	-	-	35.03
		Sub Total	106.81	64.01	53.91	24.06	17.87	266.66

C. Projects under TWG Recommended

Sr. No.	Project No.	Project Title	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
14	637	Development and evaluation of cost effective feeding and ambient management system for Holstein Friesian cattle under subtropical conditions of central Punjab	6.59	6.44	5.61	-	-	18.64
15	656	Improving efficiency of reproduction and fecundity in Sipli sheep through selection, appropriate breeding plan and exploitation of potential through improved feeding and management	9.20	4.48	3.23	-	-	16.91
16	689	Brackish water aquaculture survival, rearing and growth performance of different age groups of fresh water fish in saline and brackish water of Cholistan desert (IUB)	9.36	2.21	2.21	2.21	-	15.98
17	784	Genetic Barcoding of superior sugarcane lines for increased yield and sugar recovery (UAF)	5.72	6.49	2.93	3.41	0.91	19.45
18	802	Screening and management of indigenous date palm resources against <i>Fusarium Wilt</i> and red palm weevil and their conservation (UAF)	14.68	8.95	9.45	6.07	-	39.14
19	804	Development and demonstration of socially and economically acceptable IPM approach for the control of mango fruit fly in mango orchards of Multan Distt. (UAF)	7.26	7.04	7.04	-	-	21.34
20	900	Acceleration of maize breeding through inducer line mediated double haploid inbred line for development of climate smart, high yielding maize (AARI)	22.22	10.24	4.49	5.84	6.09	48.88
		Sub Total	75.02	45.84	34.95	17.52	7.00	180.33

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D. Projects under TWG Process

Sr. No.	Project No.	Project Title	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total
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21	648	Selection of Superior Beetal Goat/Bucks for Increasing Milk Productivity	5.09	3.12	3.68	4.07	-	15.96
22	695	Interactive Effect of The Genetics And Feed on The Growth Performance and Nutrients Utilization Efficiencies of Channa spp	6.61	6.46	2.88	-	-	15.94
23	752	Enhancement of oil content in cotton varieties through selection and breeding strategies	6.90	2.96	3.48	3.98	4.28	21.60
24	755	Genetic improvement of desi cotton for better fibre, boll shedding and herbicide and bollworm tolerance	4.90	3.30	3.02	3.35	3.80	18.37
25	793	Producing disease free seedlings of naturally off season tomatoes for rural farming communities in water limited environment (BARI)	0.82	2.22	1.92	-	-	4.96
26	822	Integrated disease management of guava decline (UAF)	13.30	7.41	7.43	-	-	28.14
27	833	Development of canola quality variety in raya, <i>Brassica juncea</i>	3.68	2.75	3.68	3.61	4.49	18.21
28	893	Diagnosis and management of pre and post-harvest defects of mangoes in orchards of Punjab	7.66	6.06	5.91	3.84	2.61	26.08
29	894	Cost effective improvement in the nutritional value of rice-wheat and cotton-wheat cropping system through nano particles doped biochar under salt stress conditions (GCU Lahore)	10.90	3.00	2.00	3.21	-	19.11
30	904	Nutritional enhancement of crops, fruits, vegetables and their products under climate change scenario	185.06	110.94	80.74	95.00	84.24	555.98
31	906	Crop diversification through soybean & Sesame adaptability studies under changing climate	8.10	12.63	5.88	6.42	6.90	39.92
32	907	Promotion of Crop Diversification for Enhancing Farm Productivity in Punjab	43.66	15.04	16.99	26.58	26.67	128.94
33	908	DNA Barcoding / Fingerprinting for identification of Cotton, Wheat, Maize, Potato, Tomato and Date Palm varieties / hybrids	25.32	-	-	-	-	25.32
34	909	Weed management in chickpea through identification of post-emergent herbicides and development of herbicide tolerant genotypes	8.31	7.30	9.15	8.26	8.73	41.75
35	910	Development of weedicides tolerant lentil germplasm and identification of different weedicide for weed control in lentil	6.27	2.99	3.00	2.43	3.02	17.70
36	911	Diversification of cropping by promotion of Sohanjna (<i>Moringa olifera</i>) Caster Bean Barlay, Taramera (<i>Eruca Sativa</i>), Mustard & Pear millet (Bajra) in lesser Cholistan	12.21	17.40	9.95	8.75	8.80	57.10
37	912	Enhancement of quality and yield of guava through improved pre-harvest measures	11.34	23.04	19.88	19.91	-	74.17

38	913	Enhancement of mung bean and gram production in Thal through development improved genotype and technologies to reduce pulse import bill	7.00	8.02	6.71	6.32	5.80	33.84
39	914	Development, optimization and technology Dissemination of value added products of selected fruits and vegetables	6.84	6.65	4.35	-	-	17.84
40	915	Sustainable management of dusky cotton Bug to improve lint quality and seed germination in cotton	3.65	1.39	1.36	-	-	6.40
41	916	Development and commercilization of tomato hybrids and verities suitable for sowing in tunnels and open fields of Punjab	9.16	4.73	7.23	5.24	5.65	32.02
42	917	Strengthening of dairy farms and diary analytical facilities at fodder research Institute, Sargodha	33.61	70.91	2.30			106.83
43	918	Magnification of the food security through improved yield, nutritional value, morphogenetics charateristics and storage abilty of citrus fruit (Kinnow) by using different root stocks and best orchard management practices	16.88	23.30	8.30	7.87	8.08	64.43
44	919	Nurients management to control citrus decline	1.66	1.66	1.68	-	-	5.00
45	920	Development of integrated diseases management strategy for stem and Twig blight of cotton in Punjab Pakistan	15.81	5.66	5.87	4.90	5.28	37.51
46	922	Development of cotton varieties suitable for mechanical picking	5.10	3.71	4.14	4.57	4.74	22.27
47	923	Development and demonstration of resource conservation technologies for sustainable production of rice	5.52	6.31	5.20	5.38	4.36	26.77
48	1001	Assessment of antibiotics, steroids and hormonal risk factors in poultry feed, meat and eggs in Punjab	17.94	7.22	8.14	-	-	33.30
		Sub Total	483.30	366.16	234.87	223.67	187.46	1,495.45
Grand Total			724.16	497.22	340.75	282.78	219.34	2,064.25

TWG Process

Sr. No.	Project No.	Project Title	1st Year Installment
1	648	Selection of Superior Beetal Goat/Bucks for Increasing Milk Productivity	5.09
	695	Interactive Effect of The Genetics And Feed on The Growth Performance and Nutrients Utilization Efficiencies of Channa spp	6.61
3	752	Enhancement of oil content in cotton varieties through selection and breeding strategies	14.31
4	755	Genetic improvement of desi cotton for better fibre, boll shedding and herbicide and bollworm tolerance	4.90
6	793	Producing disease free seedlings of naturally off season tomatoes for rural farming communities in water limited environment (BARI)	0.82
7	822	Integrated disease management of guava decline (UAF)	13.30
8	833	Development of canola quality variety in raya, <i>Brassica juncea</i>	3.68
11	893	Diagnosis and management of pre and post-harvest defects of mangoes in orchards of Punjab	7.66
12	894	Cost effective improvement in the nutritional value of rice-wheat and cotton-wheat cropping system through nano particles doped biochar under salt stress conditions (GCU Lahore)	10.71
13	904	Nutritional enhancement of crops, fruits, vegetables and their products under climate change scenario	45.86
14	906	Crop diversification through soybean & Sesame adaptability studies under changing climate	8.10
15	907	Promotion of Crop Diversification for Enhancing Farm Productivity in Punjab	43.66
16	908	DNA Barcoding / Fingerprinting for identification of Cotton, Wheat, Maize, Potato, Tomato and Date Palm varieties / hybrids	25.32
17	909	Weed management in chickpea through identification of post-emergent herbicides and development of herbicide tolerant genotypes	8.31

18	910	Development of weedicides tolerant lentil germplasm and identification of different weedicide for weed control in lentil	6.27
19	911	Diversification of cropping by promotion of Sohanjna (Moringa olifera) Caster Bean Barlay, Taramera (Eruca Sativa), Mustard & Pear millet (Bajra) in lesser Cholistan	12.21
20	912	Enhancement of quality and yield of guava through improved pre-harvest measures	11.34
21	913	Enhancement of mung bean and gram production in Thal through development improved genotype and technologies to reduce pulse import bill	7.00
22	914	Development, optimization and technology Dissemination of value added products of selected fruits and vegetables	6.84
23	915	Sustainable management of dusky cotton Bug to improve lint quality and seed germination in cotton	3.65
24	916	Development and commercilization of tomato hybrids and verities suitable for sowing in tunnels and open fields of Punjab	9.16
25	917	Strengthening of dairy farms and diary analytical facilities at fodder research Institute, Sargodha	33.61
26	918	Magnification of the food security through improved yield, nutritional value, morphogenetics charateristics and storage abilty of citrus fruit (Kinnow) by using different root stocks and best orchard management practices	16.88
27	919	Nurients management to control citrus dicline	1.66
28	920	Development of integrated diseases management strategy for stem and Twig blight of cotton in Punjab Pakistan	15.81
29	922	Development of cotton varieties suitable for mechanical picking	5.10
30	923	Development and demonstration of resource conservation technologies for sustainable production of rice	5.52
31	924	Assessment of antibiotics, steroids and hormonal risk factors in poultry feed, meat and eggs in Punjab	17.94
Grand Total			351.32

Executive Committee

Sr. No.	Project No.	Project Title	1st Year Installment
Project Recommended by EC			
1	599	Pre and Post Management of Aflatoxin Contamination in Groundnut	17.289
2	638	Development of inactivated polyvalent vaccine for the control of mastitis in dairy cattle	5.75
3	753	Development and dissemination of mechanical cotton hand picker in Punjab	3.07
4	770	Development and dissemination of rice and wheat varieties suitable for irrigated rice-wheat cropping system in the climate change scenario RRI, KSK	14.87
5	830	Breeding Soybean for adaptation and high yield in Agro ecological Zones of Punjab	5.48
6	888	A comparative integrated scientific approach for the development of sustainable management strategies of pink bollworm (<i>Pectinophora gossypiellaa</i>)	31.92
7	889	Management of Whitefly by integrated strategies and development of resistant cotton germplasm through genetic engineering	11.29
8	891	Integrated crop residue management for organic agriculture and bioenergy production	10.56
Grand Total			100.23

Board

Sr. No.	Project No.	Project Title	1st Year Installment
1	645	Production of Foot & Mouth Disease (FMD) Recombinant Vaccine	15.84
2	650	Development, Evaluation and Promotion of Straw Based Pelleted TMR for Enhancing Quality Mutton Production	9.42
3	799	Growing vegetables hydroponically under conventional high tunnels	4.06
4	851	Development of New Herbicide Trait and its Transformation in Wheat and Cotton	17.90
5	890	Training of Agri. Extension Wing, Federal Seed Certification & Registration Department and Private sector personnel in detection, identification & quantification of Bt cotton	11.00
Grand Total			58.21

TWG Recommended

Sr. No.	Project No.	Project Title	1st Year Installment
1	637	Development and evaluation of cost effective feeding and ambient management system for Holstein Friesian cattle under subtropical conditions of central Punjab	6.596
2	656	Improving efficiency of reproduction and fecundity in Sipli sheep through selection, appropriate breeding plan and exploitation of potential through improved feeding and management	9.20
3	689	Brackish water aquaculture survival, rearing and growth performance of different age groups of fresh water fish in saline and brackish water of Cholistan desert (IUB)	9.36
4	784	Genetic Barcoding of superior sugarcane lines for increased yield and sugar recovery (UAF)	5.72
5	802	Screening and management of indigenous date palm resources against <i>Fusarium Wilt</i> and red palm weevil and their conservation (UAF)	20.11
6	804	Development and demonstration of socially and economically acceptable IPM approach for the control of mango fruit fly in mango orchards of Multan Distt. (UAF)	7.26
7	900	Acceleration of maize breeding through inducer line mediated double haploid inbred line for development of climate smart, high yielding maize	22.22
Grand Total			80.46

Sr. No.	Project No.	Project Title	1st Year Installment
A: Prjects approved by the Board (33rd & 34th)			
1	648	Selection of Superior Beetal Goat/Bucks for Increasing Milk Productivity	5.09
2	656	Improving efficiency of reproduction and fecundity in Sipli sheep through selection, appropriate breeding plan and exploitation of potential through improved feeding and management	9.20
3	752	Enhancement of oil content in cotton varieties through selection and breeding strategies	14.31
4	755	Genetic improvement of desi cotton for better fibre, boll shedding and herbicide and bollworm tolerance	4.90
5	770	Development and dissemination of rice and wheat varieties suitable for irrigated rice-wheat cropping system in the climate change scenario RRI, KSK	14.87
6	793	Producing disease free seedlings of naturally off season tomatoes for rural farming communities in water limited environment (BARI)	0.82
7	822	Integrated disease management of guava decline (UAF)	13.30
8	833	Development of canola quality variety in raya, <i>Brassica juncea</i>	3.68
9	851	Development of New Herbicide Trait and its Transformation in Wheat and Cotton	17.90
10	891	Integrated crop residue management for organic agriculture and bioenergy production	10.56
11	893	Diagnosis and management of pre and post-harvest defects of mangoes in orchards of Punjab	7.66
12	894	Cost effective improvement in the nutritional value of rice-wheat and cotton-wheat cropping system through nano particles doped biochar under salt stress conditions (GCU Lahore)	10.71
13	904	Nutritional enhancement of crops, fruits, vegetables and their products under climate change scenario	45.86
14	906	Crop diversification through soybean & Sesame adaptability studies under changing climate	8.10
15	907	Promotion of Crop Diversification for Enhancing Farm Productivity in Punjab	43.66
16	908	DNA Barcoding / Fingerprinting for identification of Cotton, Wheat, Maize, Potato, Tomato and Date Palm varieties / hybrids	25.32
17	909	Weed management in chickpea through identification of post-emergent herbicides and development of herbicide tolerant genotypes	8.31
18	910	Development of weedicides tolerant lentil germplasm and identification of different weedicide for weed control in lentil	6.27
19	911	Diversification of cropping by promotion of Sohanjna (Moringa olifera) Caster Bean Barlay, Taramera (Eruca Sativa), Mustard & Pear millet (Bajra) in lesser Cholistan	12.21
20	912	Enhancement of quality and yield of guava through improved pre-harvest measures	11.34
21	913	Enhancement of mung bean and gram production in Thal through development improved genotype and technologies to reduce pulse import bill	7.00
22	914	Development, optimization and technology Dissemination of value added products of selected fruits and vegetables	6.84
23	915	Sustainable management of dusky cotton Bug to improve lint quality and seed germination in cotton	3.65
24	916	Development and commercialization of tomato hybrids and varieties suitable for sowing in tunnels and open fields of Punjab	9.16
25	917	Strengthening of dairy farms and diary analytical facilities at fodder research Institute, Sargodha	33.61
26	918	Magnification of the food security through improved yield, nutritional value, morphogenetics characteristics and storage ability of citrus fruit (Kinnow) by using different root stocks and best orchard management practices	16.88
27	919	Nutrients management to control citrus decline	1.66
28	920	Development of integrated diseases management strategy for stem and Twig blight of cotton in Punjab Pakistan	15.81
29	922	Development of cotton varieties suitable for mechanical picking	5.10
30	923	Development and demonstration of resource conservation technologies for sustainable production of rice	5.52

31	924	Assessment of antibiotics, steroids and hormonal risk factors in poultry feed, meat and eggs in Punjab	17.94
32	650	Development, Evaluation and Promotion of Straw Based Pelleted TMR for Enhancing Quality Mutton Production	9.42
33	734	Improving yield, drought and salinity tolerance in wheat through GA-sensitive dwarfing gene system	16.26
34	753	Development and dissemination of mechanical cotton hand picker in Punjab	3.07
35	770	Development and dissemination of rice and wheat varieties suitable for irrigated rice-wheat cropping system in the climate change scenario RRI, KSK	14.87
36	830	Breeding Soybean for adaptation and high yield in Agro ecological Zones of Punjab	5.48
37	851	Development of New Herbicide Trait and its Transformation in Wheat and Cotton	17.90
38	888	A comparative integrated scientific approach for the development of sustainable management strategies of pink bollworm (<i>Pectinophora gossypiellaa</i>)	31.92
39	889	Management of Whitefly by integrated strategies and development of resistant cotton germplasm through genetic engineering	11.29
40	890	Training of Agri. Extension Wing, Federal Seed Certification & Registration Department and Private sector personnel in detection, identification & quantification of Bt cotton	11.00
41	891	Integrated crop residue management for organic agriculture and bioenergy production	10.56
42	645	Production of Foot & Mouth Disease (FMD) Recombinant Vaccine	15.84
43	650	Development, Evaluation and Promotion of Straw Based Pelleted TMR for Enhancing Quality Mutton Production	9.42
44	799	Growing vegetables hydroponically under conventional high tunnels	4.06
45	851	Development of New Herbicide Trait and its Transformation in Wheat and Cotton	17.90
46	890	Training of Agri. Extension Wing, Federal Seed Certification & Registration Department and Private sector personnel in detection, identification & quantification of Bt cotton	11.00
Grand Total			587.22
			70.00
			30.00
			20.00
			5.00

712.22

New
Already sar

PARB should return unfunded projects to relevant PM
Next meeting will be 30th June
EM Performance review will be held by Add Sec Planning + Chief P&E Cell
1st draft of performance must be ready upto 10th June. (CE, EM M&E, EM Coord)