



# **AGRICULTURE DEPARTMENT**

## **PROJECT DIGEST 2008-2009**

**PLANNING & MONITORING CELL  
AGRICULTURE DEPARTMENT  
KARACHI**

## PROJECT DIGEST

1.	Name of the project.	Re-organization of Research on Rice Crop to achieve Self Sufficiency by Enhancing Productivity in Sindh <b>(ADP No. 1)</b>	
2.	Estimated cost (Million Rs.)	Rs.39.929 million	
3.	Description/ objective of the Project	To strengthen the breeding programme in order to evolve high yielding and better quality rice varieties.	
4.	Funds utilized upto 30-06-2008	9.582 Million	
5.	ADP Allocation 2008-09	7.950 Million	
6.	Funds Released 2008-09	1.990 Million	
7.	Expenditure upto 31-10-08	0.921 Million	
8.	Physical Targets/ achievement	<b>Target</b>	<b>Achievement</b>
		To determines optimum dose of NPK fertilizer in rice crop and demonstration of line transplanting	As per plan of work, the trials have been conducted at all proposed site.
		Hybridization work	50 combinations collected
		Trials on farmers field	30 locations, in 07 districts, the data is under compilation
		Trainings	02 candidates have been sent for Ph.D program at Philippines.

## PROJECT DIGEST

1.	Name of the project.	Enhancing Agriculture Productivity through Production Technology Transfer to Farmers in Sindh <b>(ADP No. 2)</b>
2.	Estimated cost (Million Rs.)	Rs. 71.814 million
3.	Description/ objective of the Project	To identify the issues, constraints of growers and prioritize farmers needs and transfer improved technology to the farmers.
4.	Funds utilized upto 30-06-2008	10.583 Million
5.	ADP Allocation 2008-09	17.049 Million
6.	Funds Released 2008-09	8.524 Million
7.	Expenditure upto 31-10-08	1.835 Million
8.	Physical Targets	Achievements
	Farmers' Advisory Centers	Advisory Services Centers have been established at each institute, they provided services to thousands of growers.
	Advisory services provided to fields	309 growers have been provided services. The process is continue.
	Technology transferred through	20 village gatherings, 40 radio programs, 20 TV programs, 5 fairs have been held.
	Training of Laboratory Attendant	16 completed and 10 under training
	Labs started functioning	04, Mirpurkhas, Sanghar, N.Feroze and Khairpur
	New labs will start working during 2008-09	05 labs at Sukkur, Dadu, Shikarpur, Jacobabad and Ghotki
	Hybridization Rice	50 combinations have been collected which will be further tested for F1.
Hybridization Sunflower	80 Hybrids have been collected and planted.	

## PROJECT DIGEST

1.	Name of the project.	Farmers Participatory Research in Sindh. <b>(ADP No. 3)</b>
2.	Estimated cost (Million Rs.)	Rs. 235.781 million
3.	Description/ objective of the Project	To establish three tissue culture laboratories at the field of the progressive growers and conduct research, to test the tissues of Banana (1000 tissue), Chilies (1000 tissue) and Sugarcane (1000 tissue) crop plants for successful propagation.
4.	Funds utilized upto 30-06-2008	108.640 Million
5.	ADP Allocation 2008-09	75.000 Million
6.	Funds Released 2008-09	37.500 Million
7.	Expenditure upto 31-10-08	8.521 Million
8.	Physical Targets	Achievements
	Seed production trials at farmer's field	23 locations, cotton and paddy trials completed, data is to be compiled. For current Rabi land is prepared, seed and other material for 26 trials is sent to the locations.
	Tissue culture laboratories	01 Lab at Tandojam and 01 at Matiari are established and 01 location at farmer's field, work is in progress.
	High density and canopy management of mango	10 locations, work is in progress. This is 3 <sup>rd</sup> year
	Reclamation of salt affected soils	40 locations work is in progress.
	Tunnel cultivation research	Work has been started at 01 location. 02 tunnels are under construction.
	Capacity building of growers organization and growers	Most of the material purchased and handed over to growers. The computer trainings are started, PARC trainings and all Pakistan training will be started soon.

## PROJECT DIGEST

1.	Name of the project.	Research on Mushrooms cultivation in Sindh. <b>(ADP No. 4)</b>
2.	Estimated cost (Million Rs.)	7.000 million
3.	Objectives of the Project	<ul style="list-style-type: none"><li>• To survey (04 districts) Umerkot, Thar @ Mithi, Jamshoro and District Dadu and collect the information and spores of mushrooms</li><li>• To collect the naturally wild growing 10 varieties of mushrooms</li></ul>
4.	Funds utilized upto 30-06-2008	4.597 Million
5.	ADP Allocation 2008-09	2.000 Million
6.	Funds Released 2008-09	1.000 Million
7.	Expenditure upto 31-10-08	0.173 Million
8.	Physical achievement	Research on mashroom cultivation has been initiated.

## PROJECT DIGEST

1.	Name of the project.	Development & Propagation of Post Harvest Technology to increase shelf life of fruits & vegetables <b>(ADP No. 5)</b>	
2.	Estimated cost (Million Rs.)	10.333 Million	
3.	Objectives of the Project	<ul style="list-style-type: none"> <li>• Conduct research to minimize post harvest losses in mango, banana, dates, onion and chilies</li> <li>• Determine ways and means to enhance the quality of fruits and vegetables</li> </ul>	
4.	Funds utilized upto 30-06-2008	3.120 Million	
5.	ADP Allocation 2008-09	5.333 Million	
6.	Funds Released 2008-09	1.333 Million	
7.	Expenditure upto 31-10-08	0.728 Million	
8.	Target 2008-09	Fruit Texture Analyzer	01 No.
		Dates Boiler	01 No.
		Steam Generator	01 No.
9.	Physical achievement	Work started at following locations: <ul style="list-style-type: none"> <li>• Farm of Mr. Anwar Ali Khan Bachani Tando Allahyar</li> <li>• Farm of Mr. Ali Gohar Shah Mirpurkhas</li> <li>• Date Palm Research Station Kotdiji</li> <li>• SHRI Mirpurkhas</li> </ul>	

## PROJECT DIGEST

1.	Name of the project.	Establishment of Fodder Research Station at Tandojam and Introduction of Salt Tolerant, High Yielding Variety of Fodder in Sindh <b>(ADP No. 6)</b>
2.	Estimated cost (Million Rs.)	25.000 Million
3.	Description/ objective of the Project	To evolve high yielding fodder varieties to achieve higher production and promotion of fodder cultivation in saline areas.
4.	Funds utilized upto 30-06-2008	
5.	ADP Allocation 2008-09	5.000 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Present Status	PC-I has been approved by DDWP on 17-09-2008. Clearance memorandum of the schemes has been issued on 23-10-2008.
9.	Physical Target	To conduct research and introduce high yielding, rich in fodder and salt tolerant fodder varieties for increasing milk and meat production

## PROJECT DIGEST

1.	Name of the project.	Fruit Fly Project (ADP No. 7)
2.	Estimated cost (Million Rs.)	25.000 Million
3.	Description/ objective of the Project	To control the attack of fruit fly on mango, guava, etc. research work will be conducted to develop the technology for improvement of fruits quality and export.
4.	Funds utilized upto 30-06-2008	Nil
5.	ADP Allocation 2008-09	5.000 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Present Status	PC-I has been approved by DDWP on 21-08-2008. Clearance memorandum of the schemes has been issued on 16-10-2008.
9.	Physical Target	To conduct research and to minimize the use of pesticide in mango, guava, beer and melon crops.

## PROJECT DIGEST

1.	Name of the project.	Development and Promotion of Quality seed through Public Private Partnership in Sindh <b>(ADP No. 8)</b>
2.	Estimated cost (Million Rs.)	150.000 Million
3.	Objective of the Project	<ul style="list-style-type: none"> <li>• Organize farmer based seed participatory units including farmers, private seed companies and research institutes</li> <li>• Multiply seed of locally tested varieties selected based on farmer's preferences.</li> <li>• Seed production at the local level</li> <li>• Reduce transport, marketing and distribution costs and lower seed price</li> <li>• Adopt appropriate seed quality standards relevant to small farmers</li> <li>• Provide low cost cleaning/ treatment equipment to improve seed quality at farm level</li> </ul>
4.	Funds utilized upto 30-06-2008	Nil
5.	ADP Allocation 2008-09	55.000 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Present Status	PC-I has been approved by PDWP on 30-09-2008. Modified PC-I has been received from DG (Research) on 15-11-2008.
9.	Physical Target	<ul style="list-style-type: none"> <li>• To multiply of locally suitable varieties, for BNS, pre-basic and basic seed.</li> <li>• To provided seed locally to the seed companies and progressive growers for further multiplication as certified seed.</li> <li>• The main objective is to overcome on the seed deficiency in the province</li> </ul>

## PROJECT DIGEST

1.	Name of the project.		Promotion of Kitchen Gardening by providing technical and financial support to rural women. (ADP No. 9)
2.	Estimated cost (Million Rs.)		Rs. 15.000 million
3.	Objectives		<ul style="list-style-type: none"> <li>• 200 women will be trained in kitchen gardening. 100 each at ATI Sakrand and HRI Mirpurkhas.</li> <li>• Duration of training will be six months.</li> <li>• Stipend per month will be Rs.5000/- per month per participant.</li> </ul>
4.	Funds utilized upto 30-06-2008		Nil
5.	ADP Allocation 2008-09		7.500 million
6.	Funds Released 2008-09		Nil
7.	Expenditure upto 31-10-08		Nil
8.	Target 2008-09		<ul style="list-style-type: none"> <li>• 150 women will be trained</li> <li>• Hand Sprayers <span style="float: right;">07 Nos.</span></li> <li>• Pentium IV Computer with Printer <span style="float: right;">01 No.</span></li> <li>• Electric Water Cooler <span style="float: right;">02 Nos.</span></li> </ul>
9.	Present Status		PC-I has been approved by DDWP on 21-08-2008. Clearance Memorandum has been issued on 15-11-2008. Administrative Approval is pending with Finance Department
10.	Physical Target 2008-09		100 women will be provided kitchen gardening training each in the year 2008-09 and 2009-10

## PROJECT DIGEST

1.	Name of the project.	Development of Skilled Manpower particularly in promotion of Flower and Fruits Nurseries. (ADP No. 10)
2.	Estimated cost (Million Rs.)	Rs. 30.000 million
3.	Objective	<ul style="list-style-type: none"> <li>• Provision of training to 400 persons.</li> <li>• Duration of training will be six months.</li> <li>• Stipend per month will be Rs.5000/- per month per participant.</li> </ul>
4.	Funds utilized upto 30-06-2008	Nil
5.	ADP Allocation 2008-09	15.000 million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Target 2008-09	<ul style="list-style-type: none"> <li>• 320 Trainees will be appointed from 23 districts</li> <li>• 75 Hand Sprayers will be procured</li> <li>• 02 Power Sprayers will be procured</li> <li>• 320 kits of field tools will be procured</li> <li>• Seed, Fertilizer, Pesticide will be procured</li> </ul>
9.	Present Status	PC-I has been approved by DDWP on 21-08-2008. Clearance Memorandum has been issued on 15-11-2008. Administrative Approval is pending with Finance Department
10.	Physical Targets 2008-09	200 persons will be trained in each year 2008-09 and 2009-10

## PROJECT DIGEST

1.	Name of the project.	Agriculture Sector Professional Development Centre Sakrand <b>(ADP No. 11)</b>
2.	Estimated cost (Million Rs.)	121.284 Million
3.	Description/ objective of the Project	Specific objective of the establishment of Provincial Professional Development Center Sindh is to become a vanguard in Agriculture Sector reforms and improvement in Agriculture Sector by increasing efficiency and effectiveness of Agriculture Training Institutes/ Schools and other Agricultural Educational Institutions functioning in Sindh.
4.	Funds utilized upto 30-06-2008	19.790 Million
5.	ADP Allocation 2008-09	29.202 Million
6.	Funds Released 2008-09	14.602 Million
7.	Expenditure upto 31-10-08	3.825 Million

## PROJECT DIGEST

1.	Name of the project.	Installation of 3027 Tubewells in Sindh <b>(ADP No. 12)</b>
2.	Estimated cost (Million Rs.)	310.318 Million
3.	Objective of the Project	The objective of the Agriculture Sector is to increase Agricultural production and farmers income specially of the poor farmers. Presently there is a shortage of water. To overcome this situation the Government has proposed to install Tubewells. Thus objective can be achieved by installation of Tubewells with the participation of farmers for the area of 90000 acres in Sindh Province. This will help to overcome the shortage of water.
4.	Funds utilized upto 30-06-2008	70.000 Million
5.	ADP Allocation 2008-09	25.000 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Tubewells installed upto 30-06-08	1527 tubewells have been installed. District wise details at Annex-A.
9.	Target 2008-09	210 Nos.

S.No.	District	Target	S.No.	District	Target
1	Karachi	5	13	Sukkur	8
2	Thatta	6	14	Ghotki	8
3	Hyderabad	8	15	Shikarpur	10
4	Matiari	10	16	Jacobabad	8
5	T.M. Khan	8	17	Kashmore	8
6	Tando Allahyar	10	18	Larkana	8
7	Badin	8	19	Kambar	8
8	Mirpurkhas	11	20	Dadu	10
9	Sanghar	8	21	Jamshoro	10
10	Nawabshah	10	22	Mithi	10
11	N.Feroze	10	23	Umerkot	8
12	Khairpur	20			

## PROJECT DIGEST

1.	Name of the project.	Procurement of Agricultural Implements <b>(ADP No. 13)</b>
2.	Estimated cost (Million Rs.)	150.000 Million
3.	Description/ objective of the Project	To enhance the agriculture productivity through mechanization, by increasing cropping intensity, mechanized operation and timely sowing and harvesting operations. Looking forward to the future requirements agriculture department is engaged in the promotion of mechanization in production and adaptation tillage and used seedbed preparation machinery, planting machinery, inter culture, fertilizer and chemical application equipment, irrigation and drainage harvesting and threshing machinery and post harvesting machinery
4.	Funds utilized upto 30-06-2008	76.029 Million
5.	ADP Allocation 2008-09	50.000 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Target 2008-09	Details of Implements at Annex-I
9.	Physical achievement	715 implements have been provided. Details at Annex-II.
10.	Present Status	Administrative Approval of revised scheme is pending with Finance Department

## PROJECT DIGEST

1.	Name of the project.	Modernization of Training & Research facilities in Agriculture Engineering. <b>(ADP No.14)</b>
2.	Estimated cost (Million Rs.)	299.904 Million
3.	Objectives of the Project	<ul style="list-style-type: none"><li>• To create skilled manpower for promotion of Agricultural mechanization</li><li>• To introduce modern agricultural machinery equipment and related technologies to enhance agriculture production</li></ul>
4.	Funds utilized upto 30-06-2008	24.806 Million
5.	ADP Allocation 2008-09	50.000 Million
6.	Funds Released 2008-09	16.893 Million
7.	Expenditure upto 31-10-08	7.220 Million
8.	Physical achievement	Construction of training building and hostel is under progress.

## PROJECT DIGEST

1.	Name of the project.	Procurement of Wheat, Paddy and Sunflower Threshers for Providing to Farmers on 50% Subsidy. <b>(ADP No. 15)</b>	
2.	Estimated cost (Million Rs.)	156.700 Million	
3.	Description/ objective of the Project	The Manual Threshing of the crop as at present results in damage of the Grain, loss in production and late sowing of the next crop, realizing the magnitude of losses during harvesting / Threshing operation of Rice and non-availability of suitable threshing machinery for edible oil crop sunflower, the Threshing components are therefore required to be mechanized to achieve the objectives of timely sowing of the next crop, increasing the overall production by minimizing threshing losses.	
4.	Funds utilized upto 30-06-2008	50.000 Million	
5.	ADP Allocation 2008-09	50.000 Million	
6.	Funds Released 2008-09	Nil	
7.	Expenditure upto 30-10-08	Nil	
8.	Target 2008-09	Wheat Threshers	100 Nos.
		Paddy Thresher	100 Nos.
9.	Physical achievement upto 30-06-08	Wheat Threshers	210 Nos.
		Paddy Thresher	311 Nos.
		Sunflower Threshers	03 Nos.
		District wise details at Annex-I.	
10.	Present Status	Administrative Approval of revised scheme is pending with Finance Department	

## PROJECT DIGEST

1.	Name of the project.	Replacement of Earth Moving Machinery in Sindh. <b>(ADP No. 16)</b>	
2.	Estimated cost (Million Rs.)	800.000 Million	
3.	Objectives of the Project	<p>The prime object of the department is to provide bulldozers on hiring basis to develop land of the Province, not only to convert waste land into the culturable but also those lands which are elevated due to irrigation (Silt deposition).</p> <p>To bring un development land under cultivation through land leveling which needs heavy earth moving operation through bulldozing of heavy dunes and filling of depression, thereby increasing the area under Tillage Practice, to achieve self sufficiency in Agriculture and Food Production, thus resulting in increase in GNP. According to economic analysis for procurement of 20 bulldozers (110-130HP ), a part from development of 52000 acres (21225 Hectares) of land, around Rs. 1596.87 million will be added in GDP within 10 years project operation period.</p>	
4.	Funds utilized upto 30-06-2008	Nil	
5.	ADP Allocation 2008-09	50.000 Million	
6.	Funds Released 2008-09	12.500 Million	
7.	Expenditure upto 31-10-08	3.680 Million	
8.	Target 2008-09	Crawler Tractors 120-130 HP and 140-150 HP	03 Nos.
		Trailer	02 No.
		Crane 5-7 Tons	02 No.
		Lifter 2-3 Tons	02 No.
		Mini Truck	06 Nos.
		Light Transport	01 No.

## PROJECT DIGEST

1.	Name of the project.	Establishment of Controlled Atmosphere Stores and Cold Storages in Sindh. <b>(ADP No.17)</b>
2.	Estimated cost (Million Rs.)	1123.086 Million
3.	Description/ objective of the Project	To reduce the post harvest losses of fruits and vegetables and to maintain the quality for longer period Controller Atmosphere Stores will be established to benefit small farmers.
4.	Funds utilized upto 30-06-2008	Nil
5.	ADP Allocation 2008-09	150.000 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Target	<b>4 Cold Storages</b> will be established under the project. During the year 2008-09 work on two cold storages will be initiated at Khairpur and Nawabshah. The remaining two cold storages will be established in next year at Larkana and Badin. <b>5 Controlled Atmosphere Stores</b> will be established under the project. Work on two stores at Khairpur and Mirpurkhas will be initiated during 2008-09. Work on Hyderabad, Badin and Tando Allahyar will be initiated during next year.
9.	Present Status	PC-I has been approved by PDWP on 30-09-2008. Modified PC-I is awaited from DG (Extension)

## PROJECT DIGEST

1.	Name of the project.	Upgradation of Agriculture Engineering Workshop and establishment of Fleet Management System (FMS) for Agriculture Machinery. <b>(ADP No. 18)</b>
2.	Estimated cost (Million Rs.)	400.000 Million
3.	Description/ objective of the Project	To utilize Agriculture Engineering Workshop for manufacturing of Agricultural implements and small tools, strengthening of workshop has been proposed. To monitor the movement and working of bulldozers etc. fleet management system through use of tractor will be promoted.
4.	Funds utilized upto 30-06-2008	Nil
5.	ADP Allocation 2008-09	50.000 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Target	Agriculture engineering workshops at Tandojam and Sukkur will be upgraded during the year 2008-09 and 2009-10 respectively. Fleet Management system will be installed in the year 2009-10. Fork Lifters, Cranes and other allied equipments will be provided to these workshops under the project.
9.	Present Status	PC-I has been approved by PDWP on 30-09-2008. Modified PC-I has been forwarded to P&D Department on 12-11-2008 for clearance and issuance of advise for Administrative Approval.

## PROJECT DIGEST

1.	Name of the project.	Establishment of Tractor, Land Laser Operator Training Centre and use of allied implements for School leaving and Matriculate Boys / Students. <b>(ADP No. 19)</b>	
2.	Estimated cost (Million Rs.)	200.000 Million	
3.	Description/ objective of the Project	Training will be provided to matriculate youth of rural areas for operating tractor, land laser and other allied implements to promote them as skilled manpower for earning livelihood.	
4.	Funds utilized upto 30-06-2008	Nil	
5.	ADP Allocation 2008-09	20.000 Million	
6.	Funds Released 2008-09	Nil	
7.	Expenditure upto 31-10-08	Nil	
8.	Target 2008-09	Wheel Type Tractor 80 to 90 HP	10
		Laser Leveling Equipment	04
		Chisel Plough	10
		Wheat Planter / Drill	05
		Cotton Planter/ Drill	05
		MB Plough Set	05
		Rear and Front Blade	05
		Rice Wheat Reaper	05
		Disc Plough	05
		Ratoon Shaver & Slasher	05
		Rotavator	05
		Rigger	05
9.	Present Status	PC-I has been approved by PDWP on 30-09-2008. Modified PC-I has been forwarded to P&D Department on 13-11-2008 for clearance and issuance of advise for Administrative Approval.	

## PROJECT DIGEST

1.	Name of the project.	Provision of Processing Plants including Dryers for Agro Based Products. <b>(ADP No. 20)</b>	
2.	Estimated cost	Rs. 200.000 million	
3.	Description/ objective of the Project	<ul style="list-style-type: none"> <li>• For production of quality chillies and to avoid aflatoxin problem in chillies, small dryers will be provided to farmers on subsidized rates.</li> <li>• In Sindh dates cultivation mainly confined to Khairpur District and adjoining areas of Sukkur District, an area of 26681 hectare i.e. 65902 acres cultivated for dates. Due to non availability of dates drying and processing facility major amount of production is lost. There is need to provide such facility. In addition to that Dates picking equipment may also be provided to farmers on subsidized rates.</li> </ul>	
4.	Funds utilized upto 30-06-2008	Nil	
5.	ADP Allocation 2008-09	100.000 Million	
6.	Funds Released 2008-09	Nil	
7.	Expenditure upto 31-10-08	Nil	
8.	Target	4 Dryers and Dehydrators (Umerkot, Khairpur, T.M. Khan, Badin), 2 Vegetable & Fruit Processing Plants (Hyderabad, T.Allahyar) and 2 Pulping Line Aseptic Filler (Mirpurkhas, Sukkur) will be installed under the project. Following work will be carried out during year 2008-09	
		Dryers & Dehydrators including tray dryers for vegetables and fruits	02 Nos. at Khairpur and Umerkot
		Vegetables and Fruits processing plants	01 No. at Tando Allhayar
		Pulping line with Aseptic filler (mango, guava, tomato)	01 No. at Mirpurkhas
9.	Present Status	PC-I has been approved by PDWP on 30-09-2008. Modified PC-I has been forwarded to P&D Department on 20-11-2008 for clearance and issuance of advise for Administrative Approval.	

## PROJECT DIGEST

1.	Name of the project.	Sindh On Farm Water Management Project. <b>(ADP No. 21)</b>	
2.	Estimated cost (Million Rs.)	<b>4917.240 (GOS 356.920)</b>	
3.	Objectives of the Project	<p>Improving the efficiency, reliability and equity of irrigation water distribution.</p> <p>Enhancing long term financial sustainability of irrigation system by fostering self sustaining WCAs at watercourse level and Farmers Organizations at distributary levels.</p>	
4.	Funds utilized upto 30-06-2008	85.481 Million	
5.	ADP Allocation 2008-09	50.000 Million	
6.	Funds Released 2008-09	12.500 Million	
7.	Expenditure upto 31-10-08	Nil	
8.	Physical Targets/ achievements	Targets	Achievements
	• Watercourse Improvement	4000	4355
	• FO Formation	100	80 completed 21 in process
	• Storage Tanks	300	170 completed 201 under imp.
	• Demonstration Centers	100	45 established 55 under est.
	• Precision Land Leveling	40,000 ha.	633 ha.

## PROJECT DIGEST

1.	Name of the project.	National Programme for Improvement of 29000 Watercourses in Sindh. <b>(ADP No. 22)</b>	
2.	Estimated cost (Million Rs.)	22523.340 (GOS 396.720)	
3.	Description/ objective of the Project	Redefine Governments role in establishing self sustaining efficient irrigation and drainage system through enhanced farmers participation at the secondary level of irrigation water distribution system i.e. Distributaries / Minors. The key performance indicators shall be increase in agricultural production, increase in water availability and equity and timeliness in water distribution.	
4.	Funds utilized upto 30-06-2008	63.771 Million	
5.	ADP Allocation 2008-09	50.000 Million	
6.	Funds Released 2008-09	25.000 Million	
7.	Expenditure upto 31-10-08	12.500 Million	
8.	Physical Targets/ Achievements	Targets	Achievements
	• 2004-05	1200	241
	• 2005-06	4700	5071
	• 2006-07	5000	5740
	• 2007-08	6000	5473
	• 2008-09	6000	77 (upto 15-11-08)
	<b>Total :-</b>	<b>22900</b>	<b>16602</b>

## PROJECT DIGEST

1.	Name of the project.	Programme for Water Conservation Technologies through Introduction of High Efficiency Irrigation System (Sindh Component). <b>(ADP No. 23)</b>
2.	Estimated cost (Million Rs.)	4210.035 (GOS 693.846 )
3.	Description/ objective of the Project	The objective of the project is to demonstrate and test high efficiency irrigation technologies for enhancement of agriculture productivity as well as water productivity. The efficiency of conventional irrigation system is reportedly 40-45% . The primary objective of the project would be to enhance farmers capability for efficient use and management of available water resources of both in barani and canal command areas. The proposed project is being implemented in the barani and canal commanded water scarcity areas of Sindh. Following benefits are likely to be accrued to pilot areas.
4.	Funds utilized upto 30-06-2008	248.911 Million
5.	ADP Allocation 2008-09	150.000 Million
6.	Funds Released 2008-09	75.000 Million
7.	Expenditure upto 31-10-08	Nil
8.	Physical Targets 2008-09	
	• Sprinkler Irrigation System	10480 acres
	• Drip/ Rain Guns	10480 acres
	• Demonstration Plots	250 acres Sprinklers 250 acres Drip

## PROJECT DIGEST

1.	Name of the project.	China Pakistan Science & Technology Cooperation Project for Promotion of Efficient Irrigation Technology in Sindh. <b>(ADP No. 24)</b>
2.	Estimated cost (Million Rs.)	216.44 (GOS 56.790)
3.	Description/ objective of the Project	The objective of the project is to demonstrate and test high efficiency irrigation technologies for enhancement of agricultural productivity as well as water productivity. The efficiency of conventional irrigation system is reportedly 40-45%. The primary objective of the project would be to enhance farmer's capability for efficient use and management of available water resources of both in barani and canal command areas.
4.	Funds utilized upto 30-06-2008	Nil
5.	ADP Allocation 2008-09	5.000 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Present Status	Scheme is pending with EAD for arranging the funds from Chinese Govt.

## PROJECT DIGEST

1.	Name of the project.	Installation of Wind Mills for Pumping Irrigation Water & Land Reclamation from Water Logging and Salinity. <b>(ADP No. 25)</b>
2.	Estimated cost (Million Rs.)	200.000 Million
3.	Description/ objective of the Project	To reduce water table and reclamation of saline lands wind mills will be installed for pumping of underground water.
4.	Funds utilized upto 30-06-2008	Nil
5.	ADP Allocation 2008-09	20.000 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Physical Target	<ul style="list-style-type: none"> <li>• 101 wind mills for water pumping</li> <li>• wind mills for electric generation</li> </ul>
9.	Targets 2008-09	<ul style="list-style-type: none"> <li>• Installation of 60 wind mills for pumping</li> <li>• 01 Wind mill for electric generation</li> </ul>
10.	Present Status	PC-I has been approved by PDWP on 30-09-2008. Modified PC-I is awaited from DG (AE&WM)

## PROJECT DIGEST

1.	Name of the project.	Construction of 1500 Watercourses (in non command) area for Lift Pumps already Working in Sindh. <b>(ADP No. 26)</b>																								
2.	Estimated cost (Million Rs.)	50.000 Million																								
3.	Description/ objective of the Project	The main objective of project is to improve watercourses exist in non command area and water is supplied through lift pumps.																								
4.	Funds utilized upto 30-06-2008																									
5.	ADP Allocation 2008-09	20.000 Million																								
6.	Funds Released 2008-09	Nil																								
7.	Expenditure upto 31-10-08	Nil																								
8.	Target	<p>100 Lift Pump will be installed at the following districts</p> <table border="1"> <tr> <td>Dadu</td> <td>12</td> </tr> <tr> <td>Hyderabad</td> <td>5</td> </tr> <tr> <td>Karachi</td> <td>5</td> </tr> <tr> <td>Jamshoro</td> <td>35</td> </tr> <tr> <td>Khairpur</td> <td>10</td> </tr> <tr> <td>Larkana</td> <td>3</td> </tr> <tr> <td>Mirpurkhas</td> <td>2</td> </tr> <tr> <td>Nawabshah</td> <td>5</td> </tr> <tr> <td>Sukkur</td> <td>10</td> </tr> <tr> <td>Tharparkar</td> <td>5</td> </tr> <tr> <td>Thatta</td> <td>4</td> </tr> <tr> <td>Umekot</td> <td>4</td> </tr> </table>	Dadu	12	Hyderabad	5	Karachi	5	Jamshoro	35	Khairpur	10	Larkana	3	Mirpurkhas	2	Nawabshah	5	Sukkur	10	Tharparkar	5	Thatta	4	Umekot	4
Dadu	12																									
Hyderabad	5																									
Karachi	5																									
Jamshoro	35																									
Khairpur	10																									
Larkana	3																									
Mirpurkhas	2																									
Nawabshah	5																									
Sukkur	10																									
Tharparkar	5																									
Thatta	4																									
Umekot	4																									
9.	Present Status	PC-I has been approved by PDWP on 30-09-2008. Modified PC-I has been received on 15-11-2008 and under scrutiny.																								

## PROJECT DIGEST

1.	Name of the project.	Establishment of Agro-Export Processing Zone for Fruits, Vegetables, Flowers & Allied Processed Products from local Farms/ Processing Units to Overseas Markets. <b>(ADP No. 27)</b>	
2.	Estimated cost (Million Rs.)	370.846 Million	
3.	Description/ objective of the Project	<ul style="list-style-type: none"> <li>• Increase in local currency earnings of Growers of fruits, vegetable and flowers.</li> <li>• Increase in foreign export earnings of the country and thereby contribute towards boosting of national economy.</li> <li>• Development of post harvest operations for these products using modern materials and equipment and improved techniques of handling sorting, grading, packing and transporting operations.</li> </ul>	
4.	Funds utilized upto 30-06-2008	81.821 Million	
5.	ADP Allocation 2008-09	144.434 Million	
6.	Funds Released 2008-09	Nil	
7.	Expenditure upto 31-10-08	Nil	
8.	Physical Targets/ Achievements	Karachi	15% completed
		Mirpurkhas	75% completed
		Husri	91% completed
		N.Feroze	90% completed
		Khairpur	90% completed
		Sakrand	80% completed
		Ghotki	85% completed
		Badin	35% completed
	Present Status	<p>Clearance of revised scheme is awaited from P&amp;D Department since 21-09-2007.</p> <p>Enquiry report from CMIT is pending on inferior construction work at Karachi carried out by Works &amp; Services Department.</p>	

## PROJECT DIGEST

1.	Name of the project.	Transfer of Agriculture Messages to farmers through Electronic and Print Media (Revised). <b>(ADP No. 28)</b>
2.	Estimated cost (Million Rs.)	100.000
3.	Description/ objective of the Project	<p>To print packages of improved farm technologies on various agriculture technologies in newspapers.</p> <p>To prepare video films on these crops, exhibit through mobile vans and provide copies to growers.</p> <p>To telecast tv tablos/ spots through KTN and PTV to disseminate the agriculture technologies through messages among the farmers.</p> <p>To broadcast radio spots through radio Pakistan to disseminate the agriculture technologies among the farmers.</p> <p>Wide publicity of agriculture technologies through use of sign boards, mounted posters, annual agro exhibitions etc.</p>
4.	Funds utilized upto 30-06-2008	12.500 Million
5.	ADP Allocation 2008-09	15.000 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Present Status	Clearance of revised PC-I is pending with P&D Department.

## PROJECT DIGEST

1.	Name of the project.	Revival/ Rehabilitation of Sindh Seed Corporation. <b>(ADP No. 29)</b>
2.	Estimated cost (Million Rs.)	225.052 Million
3.	Objectives of the Project	<p>Rehabilitation of Seed Processing Plant to maintain its processing capacity and improve quality of processed seed</p> <p>To streamline seed multiplication system for production of basic seed in required quantity</p> <p>To produce basic seed for seed multiplication at registered growers farms</p> <p>To produce certified seed at registered growers farms for procurement, processing and distribution by SSC</p>
4.	Funds utilized upto 30-06-2008	89.4918 Million
5.	ADP Allocation 2008-09	57.500 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Physical achievement	
	2005-06	26532 maunds wheat seed was procured and distributed to growers
	2006-07	76923 maunds of wheat seed, 563 maunds of cotton seed and 1198 maunds of paddy seed were purchased and sold to growers.
	2007-08	92,255 maunds of wheat, 3071 maunds of cotton and 17084 maunds of paddy seed was procured.

## PROJECT DIGEST

1.	Name of the project.	Agriculture Sector Policy & Reform Support Unit. <b>(ADP No. 30)</b>
2.	Estimated cost (Million RS.)	15.678 Million
3.	Description/ objective of the Project	To provide institutional memory to Agriculture Sector Policies and reforms.  To constitute a think tank comprising Policy Makers, Planners, Agriculture Scientists and Growers to recommend agriculture sector policy and reforms
4.	Funds utilized upto 30-06-2008	3.521 Million
5.	ADP Allocation 2008-09	8.378 Million
6.	Funds Released 2008-09	4.189 Million
7.	Expenditure upto 31-10-08	Nil
8.	Physical achievement	<ul style="list-style-type: none"> <li>• Think Tank has been constituted (Annex-A)</li> <li>• Committee Room of Agriculture Department has been upgraded</li> <li>• New schemes of ADP 2008-09 and ASDL project have been finalized in consultation with Think Tank of Agriculture Department.</li> </ul>

## PROJECT DIGEST

1.	Name of the project.	Community Integrated Pest Management (IPM) and Plant Nutrition Management in Sindh. <b>(ADP No. 31)</b>	
2.	Estimated cost (Million Rs.)	200.00 Million	
3.	Description/ objective of the Project	To continue the activity of Integrated Pest Management in all districts of Sindh on different crops.	
4.	Funds utilized upto 30-06-2008	Nil	
5.	ADP Allocation 2008-09	10.000 Million	
6.	Funds Released 2008-09	Nil	
7.	Expenditure upto 31-10-08	Nil	
8.	Target 2008-09	Computer with Printer	05 Nos.
		Digital Camera still	01 No.
		Air Conditioner	01 No.
		Fax Machine	04 Nos.
9.	Present Status	PC-I has been approved by PDWP on 30-09-2008. Modified PC-I has been forwarded to P&D Department 14-11-2008 for clearance and issuance of advise for Administrative Approval.	
10.	Future Programme	IPM activity will also be initiated in Fruits & Vegetable Crops.	

## PROJECT DIGEST

1.	Name of the project.		Training of Womenfolk in Cotton Picking for promotion of Clean Cotton Production. <b>(ADP No. 32)</b>
2.	Estimated cost (Million Rs.)		Rs. 100.000 million
3.	Objectives of the project		<ul style="list-style-type: none"> <li>• 200 women will be trained in cotton picking. 100 each at ATI Sakrand and HRI Mirpurkhas.</li> <li>• Duration of training will be six months.</li> <li>• Stipend per month will be Rs.5000/- per month per participant.</li> </ul>
4.	Funds utilized upto 30-06-2008		Nil
5.	ADP Allocation 2008-09		30.000 million
6.	Funds Released 2008-09		Nil
7.	Expenditure upto 31-10-08		Nil
8.	Target 2008-09		<ul style="list-style-type: none"> <li>• 40 women will be trained in cotton picking</li> <li>• Pentium IV Computer with printers</li> <li>• Scanners</li> <li>• Photostat Machine</li> <li>• Grading Boxes</li> </ul>
			02 Nos.
			02 Nos.
			01 No.
			80 Sets
9.	Present Status		PC-I has been approved by PDWP on 30-09-2008. Clearance memorandum has been issued on 03-11-2008. Administrative Approval of the scheme is pending with Finance Department.

## PROJECT DIGEST

1.	Name of the project.	Strengthening of Directorate of Crop Reporting Service in Sindh. <b>(ADP No. 33)</b>
2.	Estimated cost (Million Rs.)	150.000 Million
3.	Objectives of the Project	Strengthening of directorate is required due to increase in selected dehs for collection of crop data on major and minor crops.
4.	Funds utilized upto 30-06-2008	Nil
5.	ADP Allocation 2008-09	50.000 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Present Status	PC-I has been approved by PDWP on 30-09-2008. Modified PC-I has been received on 17-11-2008 and under scrutiny.

## PROJECT DIGEST

1.	Name of the project.	Strengthening of Agriculture Training Institute Jacobabad <b>(ADP No. 34)</b>
2.	Estimated cost (Million Rs.)	300.000
3.	Description/ objective of the Project	Agriculture Training Institute Jacobabad requires major repairs for conducting proper training.
4.	Funds utilized upto 30-06-2008	Nil
5.	ADP Allocation 2008-09	30.000 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Present Status	PC-I has been approved by PDWP on 30-09-2008. Modified PC-I is awaited from DG (Extension)

## PROJECT DIGEST

1.	Name of the project.	Benazir Bhutto Shaheed Sindh Youth Development Programme (ADP No. 35)	
2.	Estimated cost (Million Rs.)	256.636 Million	
3.	Description/ objective of the Project	5285 Nos. of youth will be imparted trainings in diverse fields of agriculture	
4.	Funds utilized upto 30-06-2008	Nil	
5.	ADP Allocation 2008-09	300.000 Million	
6.	Funds Released 2008-09	90.250 Million	
7.	Expenditure upto 31-10-08	16.500 Million	
8.	Target	Under the Programme 5285 youths will be imparted training in all the districts of Sindh as per following :-	
		Agri. Farm Management	600
		Food Technology	150
		Mechanic for Agri. Machinery	2745
		Nursery Management	1740
		Skill Dev. Training for Floriculture	50
		Total :-	5285
9.	Physical achievements	Training of first batch has been started in all the districts of Sindh.	

## PROJECT DIGEST

1.	Name of the project.	Agriculture Service Centres in Sindh (8 Units/ Districts) <b>(ADP No.36)</b>
2.	Estimated cost	Rs. 600.000 million
3.	Description/ objective of the Project	<ul style="list-style-type: none"> <li>• To establish Agriculture Service Centers to ensure provision of all kinds of inputs to growers with sale points of private seed companies on no profit/ no loss basis. Bank counters will be established for provision of agriculture credit to small farmers upto 25 acres on easy terms and conditions at one place Service Centre will be established with public private partnership. Inputs will be provided on subsidized rates to farmers.</li> <li>• Agriculture implements, laser equipments will be provided on rental basis by Agriculture Engineering wing.</li> </ul>
4.	Funds utilized upto 30-06-2008	Nil
5.	ADP Allocation 2008-09	150.000 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil
8.	Target	Agriculture Service Centers will be established at Mirpurkhas, Sanghar, Thatta, Badin, Nawabshah, Naushehro Feroze, Ghotki, Larkana.
9.	Present Status	PC-I has been approved by PDWP on 30-09-2008. Modified PC-I is awaited from DG (Extension)

## PROJECT DIGEST

1.	Name of the project.	Establishment of Meat, Fish and Vegetable Market at Qasimabad, Hyderabad. <b>(ADP No. 37)</b>
2.	Estimated cost (Million Rs.)	1961.797 Million
3.	Objectives of the Project	To increase the producer income by facilities them to sale their produce in the nearest market at reasonable rates.  To make available meat, fish and vegetables to consumers at lower rates
4.	Funds utilized upto 30-06-2008	7.788 Million
5.	ADP Allocation 2008-09	48.154 Million
6.	Funds Released 2008-09	Nil
7.	Expenditure upto 31-10-08	Nil

## PROJECT DIGEST

1.	Name of the project.	Development of Internal Road, Water Supply, Drainage and other modern facilities and the liabilities of KESC in New Sabzi Mandi, Karachi. <b>(ADP No. 38)</b>
2.	Estimated cost (Million Rs.)	294.482 Million
3.	Description/ objective of the Project	Reconstruction of roads and drainage system and provision of new water supply line in the existing Sabzi Mandi at Super Highway.
4.	Funds utilized upto 30-06-2008	12.749 Million
5.	ADP Allocation 2008-09	150.000 Million
6.	Funds Released 2008-09	58.082 Million
7.	Expenditure upto 31-10-08	Nil

## PROJECT DIGEST

1.	Name of the project.	Establishment of New Sabzi Mandies/Cold Storages at Karachi (2 Nos), Mirpurkhas, Tando Allahyar and Shahpur Jahania. <b>(ADP No. 39)</b>
2.	Estimated cost (Million Rs.)	3491.588 Million
3.	Objectives of the Project	<p>To increase the producer income by facilitating them to sale their produce in the nearest market at reasonable rates</p> <p>To facilitate the growers and traders to store the perishable agriculture commodities in the cold storages.</p> <p>To make available vegetables to consumers at lower rates.</p> <p>Making wholesale markets more competitive for the benefit of the producer and consumers both.</p>
4.	Funds utilized upto 30-06-2008	38.314 Million
5.	ADP Allocation 2008-09	150.000 Million
6.	Funds Released 2008-09	62.428 Million
7.	Expenditure upto 31-10-08	14.925 Million

## PROJECT DIGEST

1.	Name of the project.	Construction of Mirch Mandi, Kunri (District Umerkot) <b>(ADP No.40)</b>
2.	Estimated cost (Million Rs.)	195.878 Million
3.	Description/ objective of the Project	<p>To improve the facilities of mirch mandi market to facilitate the growers to sell their products through open auction and to obtain fair price for their production. The consumer will get fresh produce at reasonable price.</p> <p>This will bring remarkable impact in the environment and also in the market. employment chances will increase for local population.</p>
4.	Funds utilized upto 30-06-2008	
5.	ADP Allocation 2008-09	35.000 Million
6.	Funds Released 2008-09	17.500 Million
7.	Expenditure upto 31-10-2008	Nil

## PROJECT DIGEST

1.	Name of the project.	Installation of 23 Center Pivot Sprinkler Irrigation Systems (One Acre in each District) as a Model Unit to Propagate and Disseminate Center Pivot Sprinkler Technology	
2.	Estimated cost (Million Rs.)	Rs. 133.400 million	
		GOP Share	41.400 million
		GOS Share	65.780 million
		Farmer's Share	26.220 million
3.	Objective	Installation of 23 Center Pivot Sprinkler Irrigation System (one acre in each district) as a model unit to propagate and disseminate center pivot sprinkler technology	
4.	Present Status	<p>PC-I has been approved by DDWP on 21-08-2008. Clearance Memorandum has been issued on 15-11-2008.</p> <p>Summary for inclusion of scheme in ADP 2008-09 and funding of differential amount is pending with Chief Minister.</p>	