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AGRICULTURAL AND RELATED STATISTICS
OF UPLAND BALUCHISTAN

by

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AGRICULTURAL AND RELATED STATISTICS OF UPLAND BALUCHISTAN

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AGRICULTURAL AND RELATED STATISTICS OF UPLAND BALUCHISTAN

FOREWORD

Secondary data and information gathering is part of the descriptive and diagnostic studies undertaken by the MART/AZR Project. The 112 Tables and five figures in this publication of agricultural and related statistics represent secondary data and information that focuses on upland Baluchistan where MART/AZRI high elevation research (altitude greater than 1000 m) is carried out. Upland Baluchistan encompasses the Districts of Kachhi, Khuzdar, Kalat, Loralai, Pishin, Quetta, and Zhob (Fig. 1). Not all of the area of Kachhi and Khuzdar Districts are over 1000 meters in altitude. Because data is only available on a District basis, those areas under 1000 m could not be separated out.

The majority of the data are from various Government of Baluchistan and Government of Pakistan agricultural statistics and census publications. Information on meteorology comes from ICARDA (MART/AZR) reports based on Pakistan Department of Meteorology data. Where possible, data are given in Tables on an individual upland District basis. Tables on total upland Baluchistan and total Baluchistan are given for comparison. Data on credit, literacy, labour force, and meteorology are not available on a District basis. Unfortunately, the 1986 census of livestock data was not available in time for this publication.

Growth rates for hectarage, production and yield of crops have been calculated. They are calculated regressing the log of either hectarage, production or yield on time ($\log Y = a + b \times \text{time}$, where $b \times 100 =$ the growth rate). The regression method was chosen because the results are less sensitive to the value of the end points than other methods such as the geometric. The geometric growth rate method is used, however, for calculating census year livestock growth rates because values for intervening year are not available.

Land utilization and crop statistics reporting in Baluchistan is not based on regular statistical gathering procedures. Data is gathered by Patwaris (village accountants) on a subjective basis relating this years hectarage, production and yield to last years and making an estimate (guess). The reliability of this method and agricultural statistics that it provides are unknown. Statistics for crops under irrigated conditions which are less dependent on rainfall conditions may be more reliable than for rainfed crops. Rainfed hectarage, production and yield can fluctuate widely from year to year making it more difficult to assess.

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BALUCHISTAN

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BOUNDARY	INTERNATIONAL	-----
"	PROVINCE	-----
"	DISTRICT	-----

Source: Pakistan Census of Agriculture, 1980



Figure 1.

TABLE I. LAND UTILIZATION STATISTICS OF BALUCHISTAN, 1974-75 TO 1985-86.

YEAR	TOTAL AREA	FOREST AREA	NOT AVAIL. FOR CULTIV.	CULTURABLE WASTE	TOTAL UNCULTIV. AREA	AREA CULTIVATED					TOTAL AR REPORTED
						CURRENT FALLOWS	NET AREA SOWN	TOTAL AREA CULTIVATED	AREA SOWN MORE THAN ONCE	TOTAL CROPPED AREA	
(00 HECTARES)											
1974-75	347185	10744	111644	55913	178301	8792	3323	12115	105	3428	190416
1975-76	347185	10744	111644	55789	178177	9082	3157	12239	129	3286	190416
1976-77	347185	10744	111644	55662	178050	9040	3326	12366	86	3412	190416
1977-78	347185	10744	111644	54194	176582	9296	4538	13834	97	4635	190416
1978-79	347185	10744	111644	54102	176490	9444	4482	13926	97	4579	190416
1979-80	347185	10744	111644	54021	176409	9860	4147	14007	60	4207	190416
1980-81	347185	10744	111644	53942	176330	9931	4155	14086	169	4324	190416
1981-82	347185	10743	111645	53869	176257	9396	4762	14158	323	5084	190415
1982-83	347185	10743	111645	53830	176218	8127	6571	14698	183	6754	190915
1983-84	347191	10880	111645	53937	176462	7888	6566	14454	185	6751	190915
1984-85	347191	10880	111645	48133	170659	8391	6166	14557	199	6365	185215
1985-86	347191	10880	111645	48009	170534	9050	5631	14682	207	5838	185215

Source: Government Of Baluchistan, Agricultural Statistics Of Baluchistan, Directorate General Of Agriculture Department, Baluchistan, Statistics Wing, Quetta.
 * Total Cultivated Area + Total Uncultivated Area.

TABLE 2. LAND UTILIZATION STATISTICS OF UPLAND BALUCHISTAN, 1974-75 TO 1985-86.*

YEAR	TOTAL AREA	FOREST AREA	NOT AVAIL. FOR CULTIV.	CULTURABLE WASTE	TOTAL UNCULTIV. AREA	AREA CULTIVATED					TOTAL CROPPED AREA	TOTAL AREA REPORTED**
						CURRENT FALLOWS	NET AREA SOWN	TOTAL AREA CULTIVATED	AREA SOWN MORE THAN ONCE			
(100 HECTARES)												
1974-75	137903	3115	46334	26638	76087	4645	1588	6233	-	1588	82320	
1975-76	137903	3115	46334	26193	76018	4918	1384	6302	-	1384	82320	
1976-77	137903	3115	46334	26500	75948	4771	1801	6372	31	1632	82320	
1977-78	137903	3115	46334	25089	74538	5127	2655	7782	-	2655	82320	
1978-79	137903	3115	46334	25037	74486	5742	2092	7834	-	2092	82320	
1979-80	137903	3115	46334	24997	74446	6155	1719	7874	-	1719	82320	
1980-81	137903	3115	46334	24954	73403	6303	1614	7917	11	1625	82320	
1981-82	137903	3112	46334	24917	74365	6430	1524	7954	8	1532	82319	
1982-83	137903	3114	46334	24906	74344	5367	2608	7975	3	2611	82319	
1983-84	148488	3115	46334	25190	74640	5238	2441	7680	4	2445	82319	
1984-85	148488	3197	42230	25136	74586	5271	2463	7733	7	2469	82319	
1985-86	148488	3115	46335	25065	74514	5647	2156	15568	4	2161	82320	

Source: Government Of Baluchistan, Agricultural Statistics Of Baluchistan, Directorate General Of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Upland Baluchistan Includes Data From The Districts Of Quetta , Pishin , Kalat , Zhob , Loralai , Khuzdar And Kachhi.

** Total Cultivated Area + Total Uncultivated Area.

TABLE 3. LAND UTILIZATION STATISTICS OF KACHHI, 1974-75 TO 1985-86.

YEAR	TOTAL AREA	FOREST AREA	NOT AVAIL. FOR CULTIV.	CULTURABLE WASTE	TOTAL UNCULTIV. AREA	AREA CULTIVATED					TOTAL CROPPED AREA	TOTAL / REPORTED
						CURRENT FALLOWS	NET AREA SOWN	TOTAL AREA CULTIVATED	AREA SOWN MORE THAN ONCE			
(100 HECTARES)												
1974-75	12329	210	4560	4725	9495	521	564	1085	-	564	10580	
1975-76	12329	210	4560	4708	9478	808	294	1102	-	294	10580	
1976-77	12329	210	4560	4694	9464	821	295	1116	-	295	10580	
1977-78	12329	210	4560	3330	8100	1237	1243	2480	-	1243	10580	
1978-79	12329	210	4560	3323	8093	1751	736	2487	-	736	10580	
1979-80	12329	210	4560	3318	8088	2204	288	2492	-	288	10580	
1980-81	12329	210	4560	3313	8083	2232	265	2497	-	265	10580	
1981-82	12329	210	4560	3309	8079	2236	265	2501	-	265	10580	
1982-83	12329	210	4560	3306	8076	2188	316	2504	-	316	10580	
1983-84	11114	210	4560	3300	8070	2248	262	2510	-	262	10580	
1984-85	11114	210	4560	3293	8063	2124	393	2517	-	393	10580	
1985-86	11114	210	4560	3284	8053	2148	378	2526	-	378	10580	

Source: Government Of Baluchistan, Agricultural Statistics Of Baluchistan, Directorate General Of Agriculture Department, Baluchistan, Statistics Wing, Quetta.
 * Total Cultivated Area + Total Uncultivated Area.

TABLE 4. LAND UTILIZATION STATISTICS OF KALAT, 1974-75 TO 1985-86.

YEAR	TOTAL AREA	FOREST AREA	NOT AVAIL. FOR CULTIV.	CULTURABLE WASTE	TOTAL UNCULTIV. AREA	AREA CULTIVATED					
						CURRENT FALLOWS	NET AREA SOWN	TOTAL AREA CULTIVATED	AREA SOWN MORE THAN ONCE	TOTAL CROPPED AREA	TOTAL AREA REPORTED
(00 HECTARES)											
1974-75	12517	481	5751	2210	8442	988	125	1113	0	125	9555
1975-76	12517	481	5751	2206	8438	927	190	1117	0	190	9555
1976-77	12517	481	5751	2198	8430	766	359	1125	31	390	9555
1977-78	12517	481	5751	2192	8424	797	334	1131	0	334	9555
1978-79	12517	481	5751	2187	8419	861	275	1136	0	275	9555
1979-80	12517	481	5751	2182	8414	750	391	1141	0	391	9555
1980-81	12517	481	5751	2177	8409	726	420	1146	0	420	9555
1981-82	12517	481	5751	2174	8406	781	368	1149	0	368	9555
1982-83	12517	481	5751	2172	8404	566	585	1151	2	587	9555
1983-84	12517	632	5751	2014	8397	524	634	1158	3	636	9555
1984-85	12517	632	5751	2008	8391	798	367	1165	3	370	9555
1985-86	12517	632	5751	2000	8382	854	319	1173	2	321	9555

Source: Government Of Baluchistan, Agricultural Statistics Of Baluchistan, Directorate General Of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Total Cultivated Area + Total Uncultivated Area.

TABLE 5. LAND UTILIZATION STATISTICS OF KHUZDAR, 1974-75 TO 1985-86.

YEAR	TOTAL AREA	FOREST AREA	NOT AVAIL. FOR CULTIV.	CULTURABLE WASTE	TOTAL UNCULTIV. AREA	AREA CULTIVATED					
						CURRENT FALLOWS	NET AREA SOWN	TOTAL AREA CULTIVATED	AREA SOWN MORE THAN ONCE	TOTAL CROPPED AREA	TOTAL AREA REPORTED *
(100 HECTARES)											
1974-75	53094	324	33919	17838	52081	856	110	966	-	110	53047
1975-76	53094	324	33919	17831	52074	822	151	973	-	151	53047
1976-77	53094	324	33919	17824	52067	920	60	980	-	60	53047
1977-78	53094	324	33919	17814	52057	784	206	990	-	206	53047
1978-79	53094	324	33919	17808	52051	749	247	996	-	247	53047
1979-80	53094	324	33919	17802	52045	806	196	1002	-	196	53047
1980-81	53094	324	33919	17793	52036	882	129	1011	6	135	53047
1981-82	53094	324	33919	17785	52028	914	106	1020	7	113	53047
1982-83	53094	324	33919	17780	52023	195	830	1025	**	830	53047
1983-84	64892	174	33919	17920	52013	465	569	1034	**	569	53047
1984-85	64892	174	33919	17910	52003	372	672	1044	1	673	53047
1985-86	64892	174	33919	17897	51990	513	544	1057	**	545	53047

Source: Government Of Baluchistan, Agricultural Statistics Of Baluchistan, Directorate General Of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Total Cultivated Area + Total Uncultivated Area.

** Below 50.

TABLE 6. LAND UTILIZATION STATISTICS OF LORALAI, 1974-75 TO 1985-86.

YEAR	TOTAL AREA	FOREST AREA	NOT AVAIL. FOR CULTIV.	CULTURABLE WASTE	TOTAL UNCULTIV. AREA	AREA CULTIVATED					
						CURRENT FALLOWS	NET AREA SOWN	TOTAL AREA CULTIVATED	AREA SOWN MORE THAN ONCE	TOTAL CROPPED AREA	TOTAL AREA REPORTED *
(100 HECTARES)											
1974-75	19071	646	883	958	2487	892	399	1291	-	399	3778
1975-76	19071	646	883	944	2473	941	364	1305	-	364	3778
1976-77	19071	646	883	932	2461	885	432	1317	**	432	3778
1977-78	19071	646	883	924	2453	926	399	1325	-	399	3778
1978-79	19071	646	883	917	2446	935	397	1332	-	397	3778
1979-80	19071	646	883	912	2441	940	397	1337	-	397	3778
1980-81	19071	646	883	905	2434	1060	284	1344	-	284	3778
1981-82	19071	646	883	899	2428	1089	261	1350	1	262	3778
1982-83	19071	646	883	896	2424	1053	300	1353	-	300	3778
1983-84	19071	646	883	887	2417	961	400	1361	-	400	3778
1984-85	19071	646	883	880	2409	880	488	1368	1	489	3778
1985-86	19071	646	883	869	2398	973	406	1380	1	407	3778

Source: Government Of Baluchistan, Agricultural Statistics Of Baluchistan, Directorate General Of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Total Cultivated Area + Total Uncultivated Area.

** Below 50

TABLE 7. LAND UTILIZATION STATISTICS OF QUETTA, 1974-75 TO 1985-86.

YEAR	TOTAL AREA	FOREST AREA	NOT AVAIL. FOR CULTIV.	CULTURABLE WASTE	TOTAL UNCULTIV. AREA	AREA CULTIVATED					
						CURRENT. FALLOWS	NET AREA SOWN	TOTAL AREA CULTIVATED	AREA SOWN MORE THAN ONCE	TOTAL CROPPED AREA	TOTAL AREA REPORTED *
(100 HECTARES)											
1974-75	2653	856	219	79	1154	183	61	244	-	61	1398
1975-76	2653	856	219	64	1139	200	59	259	-	59	1398
1976-77	2653	856	219	53	1128	168	102	270	-	102	1398
1977-78	2653	856	219	45	1120	198	80	278	-	80	1398
1978-79	2653	856	219	36	1111	217	70	287	-	70	1398
1979-80	2653	856	219	29	1104	218	76	294	-	76	1398
1980-81	2653	856	219	25	1100	214	84	298	3	87	1398
1981-82	2653	856	219	21	1096	239	64	303	-	64	1398
1982-83	2653	856	219	19	1094	232	73	305	**	73	1398
1983-84	2653	391	219	479	1089	235	74	310	1	75	1398
1984-85	2653	391	219	474	1083	236	79	315	1	80	1398
1985-86	2653	391	219	467	1077	226	96	322	**	96	1398

Source: Government Of Baluchistan, Agricultural Statistics Of Baluchistan, Directorate General Of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Total Cultivated Area + Total Uncultivated Area.

**Below 50.

TABLE 8. LAND UTILIZATION STATISTICS OF PISHIN, 1974-75 TO 1985-86.

YEAR	TOTAL AREA	FOREST AREA	NOT AVAIL. FOR CULTIV.	CULTURABLE WASTE	TOTAL UNCULTIV. AREA	AREA CULTIVATED					
						CURRENT FALLOWS	NET AREA SOWN	TOTAL AREA CULTIVATED	AREA SOWN MORE THAN ONCE	TOTAL CROPPED AREA	TOTAL ARE REPORTED
(00 HECTARES)											
1974-75	11111	265	821	447	1533	953	169	1122	-	169	2655
1975-76	11111	265	821	440	1526	956	173	1129	-	173	2655
1976-77	11111	265	821	430	1516	915	224	1139	**	224	2655
1977-78	11111	265	821	423	1509	908	238	1146	-	238	2655
1978-79	11111	265	821	415	1501	917	237	1154	-	237	2655
1979-80	11111	265	821	410	1496	915	244	1159	-	244	2655
1980-81	11111	265	821	403	1489	859	307	1166	2	309	2655
1981-82	11111	265	822	397	1483	846	325	1171	-	325	2655
1982-83	11111	265	822	394	1481	811	364	1174	**	364	2655
1983-84	11112	731	822	265	1818	473	364	837	1	364	2655
1984-85	11112	731	822	254	1806	530	319	848	1	320	2655
1985-86	11112	731	822	240	1792	577	285	862	1	286	2655

Source: Government Of Baluchistan, Agricultural Statistics Of Baluchistan, Directorate General Of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Total Cultivated Area + Total Uncultivated Area.

**Below 50.

TABLE 9. LAND UTILIZATION STATISTICS OF ZHOB, 1974-75 TO 1985-86.

YEAR	TOTAL AREA	FOREST AREA	NOT AVAIL. FOR CULTIV.	CULTURABLE WASTE	TOTAL UNCULTIV. AREA	AREA CULTIVATED					
						CURRENT. FALLOWS	NET AREA SOWN	TOTAL AREA CULTIVATED	AREA SOWN MORE THAN ONCE	TOTAL CROPPED AREA	TOTAL AREA REPORTED *
(00 HECTARES)											
1974-75	27128	333	181	381	895	252	160	412	0	160	1307
1975-76	27128	333	181	376	890	264	153	417	0	153	1307
1976-77	27128	333	181	368	882	296	129	425	0	129	1307
1977-78	27128	333	181	361	875	277	155	432	0	155	1307
1978-79	27128	333	181	351	865	312	130	442	0	130	1307
1979-80	27128	333	181	344	858	322	127	449	0	127	1307
1980-81	27128	333	181	338	852	330	125	455	0	125	1307
1981-82	27128	333	181	332	846	325	136	461	0	136	1307
1982-83	27128	333	181	329	843	322	141	463	0	141	1307
1983-84	27129	333	181	323	837	331	138	469	0	138	1307
1984-85	27129	333	181	317	831	331	145	476	1	146	1307
1985-86	27129	333	181	308	822	356	128	484	1	128	1307

Source: Government Of Baluchistan, Agricultural Statistics Of Baluchistan, Directorate General Of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Total Cultivated Area + Total Uncultivated Area.

TABLE 10. DISTRIBUTION OF CROPPED AREA IN BALUCHISTAN.

YEAR	FOOD GRAIN	CASH CROP	PULSES	OILSEED	FRUIT	VEGETABLES	CONDIMENTS	FODDER
	HECTARES							
1974-75	257998	2562	6029	28627	27795	2083	3000	5580
1975-76	247274	1576	6361	15808	28677	1401	3614	10800
1976-77	225961	1791	7559	44764	29251	1683	5036	10280
1977-78	355976	1489	8075	26374	29612	2846	2839	21020
1978-79	306578	1451	7881	48808	29822	2659	5031	45390
1979-80	296610	1833	5503	37674	30645	2289	7693	26910
1980-81	289634	2791	24110	39729	31362	3135	8318	20890
1981-82	364366	3115	29689	24544	32325	5154	7728	25486
1982-83	489091	4581	34251	31471	33701	8580	9225	44469
1983-84	474953	2495	35664	37176	35338	9331	10777	45213
1984-85	447537	2748	33455	38085	37111	10224	11427	24580
1985-86	403286	2511	33307	37742	38524	13099	11961	19590

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

Food Grains: Wheat, Rice, Maize, Jawar, Bajra and Barley.

Cash crops: Sugarcane, Cotton, Tobacco and S. beet.

Pulses: Gram, Mung, Mash, Masoor, Mattar, Other Kharif & Rabi pulses.

Oilseeds: Rapeseed & Mustard, Sesamum and Castor seed.

Condiments: Chillies, Onion, Garlic and Corriander.

TABLE 11. DISTRIBUTION OF CROPPED AREA IN UPLAND BALUCHISTAN.*

YEAR	FOOD GRAIN	CASH CROP	PULSES	OILSEED	VEGETABLES	CONDIMENTS	FODDER
----- HECTARES -----							
1974-75	122523	1978	1957	4168	1037	2488	2050
1975-76	107172	967	1033	867	577	3182	1680
1976-77	125710	1391	1235	1740	733	4656	2720
1977-78	217907	1198	3342	906	1467	2459	12650
1978-79	154182	1166	3349	10767	1160	2653	11590
1979-80	130287	1400	1509	1792	1256	4379	3840
1980-81	115493	2347	1469	1197	1708	6023	5820
1981-82	99452	1705	1222	1828	2652	3225	8400
1982-83	191803	1751	2659	4281	3789	6612	15171
1983-84	163173	1558	2901	8946	4805	6723	17309
1984-85	166060	1770	3481	9935	5734	6723	13420
1985-86	132792	1995	3512	10160	7882	7825	12371

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Upland Baluchistan includes data for the Districts of Khuzdar , Kalat , Kachhi , Quetta , Pishin , Loralai and Zhob.

Food Grains: Wheat, Rice, Jowar, Maize, Bajra and Barley.

Cash crops: Sugarcane, Cotton, Tobacco and S. beet.

Pulses: Gram, Mung, Mash, Masoor, Mattar, Other Kharif and Rabi pulses.

Oilseeds: Rapeseed and Mustard, Sesamum and Castor seed.

Condiments: Chillies, Onion, Garlic and Coriander.

TABLE 12. DISTRIBUTION OF CROPPED AREA IN KACHHI DISTRICT.

YEAR	FOOD GRAIN	CASH CROP	PULSES	OILSEED	FRUIT	VEGETABLES	CONDIMENTS	FODDER
----- NECTARES -----								
1974-75	49940	-	15	4168	148	158	41	810
1975-76	27157	-	16	867	148	147	14	859
1976-77	26318	-	14	1740	149	122	16	1000
1977-78	111756	-	429	900	147	181	4	10660
1978-79	61759	-	480	10767	149	65	14	140
1979-80	23652	-	276	1769	143	99	85	1590
1980-81	21140	-	-	1169	154	132	84	2906
1981-82	19909	-	-	1800	163	287	12	3951
1982-83	24255	-	863	4225	182	609	308	961
1983-84	13474	-	631	8946	191	817	73	1545
1984-85	24070	-	825	9935	202	769	109	2888
1985-86	22260	-	860	10160	206	791	101	2927

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

Food Grains: Wheat, Rice, Maize, Bajra and Barley.

Cash crops: Sugarcane, Cotton, Tobacco and S.beet.

Pulses: Gram, Mung, Mash, Masoor, Maltar, Other Kharif and Rabi pulses.

Oilseeds: Rapeseed & Mustard, Sesame and Castor seed.

Condiments: Chillies, Onion, Garlic and Coriander.

TABLE 13. DISTRIBUTION OF CROPPED AREA IN KALAT DISTRICT.

YEAR	FOOD GRAIN	CASH CROP	PULSES	OILSEED	FRUIT	VEGETABLES	CONDIMENTS	FODDER
----- HECTARES -----								
1974-75	7795	263	-	-	1519	251	1019	100
1975-76	13487	204	19	-	1580	54	1091	80
1976-77	29187	223	16	-	1625	45	3105	550
1977-78	27044	-	-	-	1664	105	1019	320
1978-79	21334	-	4	-	1642	341	1209	830
1979-80	30793	-	-	-	1705	317	2712	50
1980-81	32180	-	-	-	1747	360	3616	70
1981-82	25815	-	-	-	1803	709	3225	85
1982-83	35035	-	-	-	2093	855	3983	11610
1983-84	36660	-	-	-	2440	1082	4075	12068
1984-85	19350	-	-	-	2827	1236	4130	3860
1985-86	16040	-	-	-	2996	1465	3153	3270

Source: Government Of Baluchistan, Agricultural Statistics Of Baluchistan, Directorate General Of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

Food Grains: Wheat, Rice, Jowar, Maize, Bajra and Barley.

Cash crops: Sugarcane, Cotton, Tobacco and S. beet.

Pulses: Gram, Mung, Mash, Masoor, Mattar, Other Kharif and Rabi pulses.

Oilseeds: Rapeseed & Mustard , Sesameum and Castor seed.

Condiments: Chillies, Onion, Garlic and Corriander.

TABLE 14. DISTRIBUTION OF CROPPED AREA IN KHAZAR DISTRICT.

YEAR	FOOD GRAIN	CASH CROP	PULSES	OILSEED	FRUIT	VEGETABLES	CONDIMENTS	FODDER
					HECTARES			
1974-75	8412	-	374	-	1578	176	38	300
1975-76	12334	-	469	-	1586	112	36	420
1976-77	3436	-	414	-	1593	182	90	310
1977-78	18108	-	95	6	1612	278	75	380
1978-79	13093	-	124	-	1625	198	77	9480
1979-80	16018	-	213	23	1626	219	130	1160
1980-81	9498	-	175	28	1682	483	172	1150
1981-82	6766	-	168	28	1731	379	128	1691
1982-83	78303	-	604	28	1853	749	485	330
1983-84	53033	-	395	-	1732	560	361	524
1984-85	61649	-	493	-	1773	608	374	2014
1985-86	48932	-	421	-	1805	497	437	2081

Source Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

Food Grains: Wheat, Rice, Jowar, Maize, Bajra and Barley.

Cash crops: Sugarcane, Cotton, Tobacco, S. beet.

Pulses: Gram, Mung, Mash, Masoor, Mattar, Other Kharif and Rabi pulses.

Oilseeds: Rapeseed and Mustard, Sesame and Castor seed.

Condiments: Chillies, Onion, Garlic and Coriander.

TABLE 15. DISTRIBUTION OF CROPPED AREA IN LORALAI DISTRICT.

YEAR	FOOD GRAIN	CASH CROP	PULSES	OILSEED	FRUIT	VEGETABLES	CONDIMENTS	FODDER
	HECTARES							
1974-75	30666	107	1353	-	6118	42	1080	280
1975-76	28053	95	433	-	6245	42	1100	40
1976-77	33898	283	676	-	6356	45	1121	570
1977-78	28954	137	2633	-	6396	14	977	680
1978-79	28909	176	2633	-	6186	15	947	650
1979-80	30354	164	920	-	6313	30	1175	670
1980-81	17544	1000	1125	-	6358	105	1648	430
1981-82	16502	119	894	-	6539	152	1138	440
1982-83	19795	150	999	-	6850	115	1414	155
1983-84	27001	162	1661	-	7203	275	1626	1276
1984-85	29763	332	1961	-	7504	864	1898	3601
1985-86	19886	575	2095	-	7900	981	3377	3057

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

Food Grains: Wheat, Rice, Jowar, Maize, Bajra & Barley.

Cash crops: Sugarcane, Cotton, Tobacco, S. beet.

Pulses: Gram, Mung, Mash, Masoor, Mattar, Other Kharif and Rabi pulses.

Oilseeds: Rapeseed & Mustard, Sesame and Castor seed.

Condiments: Chillies, Onion, Garlic and Corriander.

TABLE 16. DISTRIBUTION OF CROPPED AREA IN QUETTA DISTRICT.

YEAR	FOOD GRAIN	CASH CROP	PULSES	OILSEED	FRUIT	VEGETABLES	CONDIMENTS	FODDER
HECTARES								
1974-75	3286	16	-	-	2051	236	25	140
1975-76	2935	8	-	-	2166	179	38	150
1976-77	7202	24	-	-	2234	234	33	150
1977-78	3709	10	-	-	2293	674	129	380
1978-79	3443	9	-	-	2388	389	71	160
1979-80	3955	10	-	-	2459	365	37	160
1980-81	4887	13	-	-	2552	441	180	200
1981-82	2307	-	-	-	2665	436	105	318
1982-83	2605	-	-	-	2758	684	158	370
1983-84	1744	-	-	-	2887	1209	218	166
1984-85	1768	-	-	-	3024	1340	427	263
1985-86	1811	-	-	-	2393	3177	364	269

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

Food Grains: Wheat, Rice, Jowar, Maize, Bajra and Barley.

Cash crops: Sugarcane, Cotton, Tobacco and S.beet.

Pulses: Gram, Mung, Mash, Masoor, Mattar, Other Kharif & Rabi pulses.

Oilseeds: Rapeseed & Mustard, Sesamum and Castor seed.

Condiments: Chillies, Onion, Garlic and Corriander.

TABLE 17. DISTRIBUTION OF CROPPED AREA IN PISHIN DISTRICT.

YEAR	FOOD GRAIN	CASH CROP	PULSES	OILSEED	FRUIT	VEGETABLES	CONDIMENTS	FODDER
HECTARES								
1974-75	10694	1592	-	-	2925	123	21	160
1975-76	11717	660	-	-	3122	27	20	10
1976-77	16810	857	-	-	3274	85	28	30
1977-78	16778	1051	-	-	3324	168	81	40
1978-79	16362	981	-	-	3444	124	206	130
1979-80	16385	1226	-	-	3677	197	105	170
1980-81	21598	1334	-	-	3816	166	124	1040
1981-82	18734	1331	-	-	3975	598	105	1873
1982-83	21998	1334	-	-	4148	736	105	1705
1983-84	22098	1182	-	-	4259	790	181	1687
1984-85	20070	1240	-	-	4416	840	140	646
1985-86	16183	1250	-	-	4825	883	180	708

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

Food Grains: Wheat, Rice, Jowar, Maize, Bajra and Barley.

Cash crops: Sugarcane, Cotton, Tobacco and S. beet.

Pulses: Gram, Mung, Mash, Masoor, Mattar, Other Kharif and Rabi pulses.

Oilseeds: Rapeseed & Mustard, Sesame and Castor seed.

Condiments: Chillies, Onion, Garlic and Coriander.

TABLE 1B. DISTRIBUTION OF CROPPED AREA IN ZHOB DISTRICT.

YEAR	FOOD GRAIN	CASH CROP	PULSES	OILSEED	FRUIT	VEGETABLES	CONDIMENTS	FODDER
HECTARES								
1974-75	11730	-	215	-	2691	51	261	260
1975-76	11489	-	96	-	2852	16	97	130
1976-77	9039	-	115	-	2904	20	263	110
1977-78	11558	-	185	-	2935	47	174	200
1978-79	9282	-	99	-	2811	28	129	200
1979-80	9130	-	100	-	2864	29	135	40
1980-81	8646	-	169	-	2993	21	199	30
1981-82	9419	255	160	-	3114	91	135	42
1982-83	9812	267	193	-	3267	50	159	40
1983-84	9163	214	214	-	3634	72	189	43
1984-85	9390	198	202	-	4014	86	194	48
1985-86	7680	170	136	-	4167	88	213	59

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

Food Grains: Wheat, Rice, Maize, Bajra and Barley.

Cash crops: Sugarcane, Cotton, Tobacco and S. beet.

Pulses: Gram, Mung, Mash, Masoor, Mattar, Other Kharif and Rabi pulses.

Oilseeds: Rapeseed & Mustard, Sesamum and Castor seed.

Condiments: Chillies, Onion, Garlic and Corriander.

TABLE 19. NUMBER OF FARMS BY TENURE, NUMBER OF PERMANENTLY HIRED WORKERS AND PART-TIME WORKERS,
1980 AGRICULTURAL CENSUS.

PROV/DISTRICTS	LAND OWNERS	OWNER-CUM-TENANT	TENANTS	TENURE	
				NUMBER OF PERMANENTLY HIRED WORKERS	WORKING PART-TIME WORKERS
Baluchistan	158557	13681	30201	9211	120081
Quetta	2511	224	154	680	2173
Pishin	15342	478	146	1018	10955
Loralai	13590	1130	1581	483	19625
Zhab	12828	81	67	251	8066
Kachhi	7997	1630	7949	1052	7617
Kalat	19152	3572	2642	1373	15624
Khuzdar	25759	866	417	676	7393
Upland	97179	7981	12956	5533	70553
Baluchistan *					

Source: Pakistan Census of Agriculture, 1980.

* Upland Baluchistan Includes Data for the Districts of Quetta, Pishin, Loralai, Kachhi, Kalat, Zhob and Khuzdar.

TABLE 20. NUMBER AND AREA OF FARMS BY SIZE OF FARM, 1980 AGRICULTURAL CENSUS.

PROVINCE/ DISTRICTS	SIZE OF FARM, (ha)									
	UNDER 0.40	0.40 TO 1.0	1.0 TO 2.0	2.0 TO 3.0	3.0 TO 5.1	5.1 TO 10.1	10.1 TO 20.2	20.2 TO 61.0	61 AND ABOVE	
# of farms										
Baluchistan	5912	29018	23147	24473	45757	38189	19929	13139	2867	
Quetta	27	444	261	379	591	466	299	327	97	
Pishin	154	2680	2169	2606	3462	25775	1349	893	76	
Loralai	97	1991	1840	2400	4754	2850	1544	711	122	
Zhob	766	5873	1972	1461	1550	882	301	113	56	
Kachhi	2	826	1286	2125	3065	3379	3135	2398	562	
Kalat	60	4603	4169	3647	5323	3992	2100	1148	326	
Khuzdar	692	3117	3861	4148	6896	5344	1742	1165	83	
Upland	1798	19534	15558	16766	26441	42688	10470	6755	1322	
Baluchistan *										

Source: Pakistan Census of Agriculture, 1980.

* Upland Baluchistan includes Data for the Districts of Quetta, Pishin, Loralai, Zhob, Kachhi, Kalat and Khuzdar.

TABLE 21. WHEAT HECTARAGE, PRODUCTION, AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN BALUCHISTAN.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	90770	106810	1176.7	54870	24220	441.4	145640	131030	899.7
1975-76	74780	107910	1443.0	59690	29820	499.6	134470	137730	1024.2
1976-77	63290	104060	1644.2	84790	41970	495.0	148080	146030	986.2
1977-78	72630	116290	1601.1	84280	45150	535.7	156910	161440	1028.9
1978-79	93630	169140	1806.5	74180	39680	534.9	167810	208820	1244.4
1979-80	110590	189440	1713.0	77480	41640	537.4	188070	231080	1228.7
1980-81	112290	198320	1766.1	73000	39690	543.7	185290	238010	1284.5
1981-82	157381	284800	1809.6	58707	33441	569.6	216088	318241	1472.7
1982-83	160780	305640	1901.0	118920	108570	913.0	279700	414210	1480.9
1983-84	169280	343815	2031.0	121420	109705	903.5	290700	453520	1560.1
1984-85	167350	338330	2021.7	110090	98770	897.2	277440	437100	1575.5
1985-86	171980	353710	2056.7	75630	58980	779.8	247610	412690	1666.7
1974-75 to 1985-86:									
Mean	120395.9	218198.9	1747.6	82754.8	55969.7	637.6	203150.7	274158.4	1287.7
STD	40449.0	96725.2	247.4	21778.6	29921.3	172.3	54907.9	120803.4	250.9
1976-77 to 1985-86:									
Mean	127920.1	240354.5	1935.1	87849.7	61759.5	671.0	215769.8	302114.1	1352.9
STD	40135.8	90988.6	154.6	20304.2	29523.4	169.6	51537.9	113229.0	222.0
1981-82 to 1985-86:									
Mean	165354.2	325259.0	1964.0	96953.4	81893.2	812.6	262307.6	407152.2	1551.2
STD	5436.8	25870.7	94.0	25184.1	30471.6	130.9	27165.7	46973.4	70.9
1974-75- to 1985-86 Growth Re (%) , (LogY = a+b.time).									
	4.1	5.8	1.8	1.9	4.7	2.8	3.1	5.6	2.5

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 22. BARLEY HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN BALUCHISTAN.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	3950	2642	668.9	1767	835	472.6	5717	3477	603.2
1975-76	4790	3534	737.8	1798	615	342.0	6588	4149	629.8
1976-77	1717	1364	794.4	640	219	342.2	2357	1583	671.6
1977-78	3735	2744	734.7	718	257	357.9	4453	3001	673.9
1978-79	3545	2757	777.7	2419	903	373.3	5964	3660	613.7
1979-80	4437	3840	865.4	3313	1181	356.5	7750	5021	647.9
1980-81	3074	2782	905.0	2337	1021	436.9	5411	3803	702.8
1981-82	3986	3605	904.4	3042	1355	445.4	7028	4960	705.7
1982-83	7222	6611	915.4	5702*	3299*	578.6	12924	9910	766.8
1983-84	5750	5363	932.7	5604	3324	593.1	11354	8687	765.1
1984-85	8066	7522	932.6	5307	3168	596.9	13373	10690	799.3
1985-86	8214	7731	941.2	5066	3056	603.2	13280	10787	812.3
1974-75 to 1985-86:									
Mean	4873.8	4207.9	842.5	2667.6	1327.8	458.2	8016.6	5810.7	699.0
STD	1952.3	2005.8	90.7	1795.0	1138.2	103.4	3602.4	3130.9	68.5
1976-77 to 1985-86:									
Mean	4974.6	4431.9	870.4	2844.6	1448.4	468.4	8389.4	6210.2	715.9
STD	2116.0	2118.3	70.7	1917.9	1210.3	106.6	3834.1	3283.7	63.5
1981-82 to 1985-86:									
Mean	6647.6	6166.4	925.3	3803.8	2180.6	563.5	11591.8	9006.8	769.9
STD	1592.8	1529.0	13.4	2104.4	1302.7	59.6	2395.1	2158.6	36.9
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	3.7	5.0	1.3	8.2	10.5	2.3	5.5	6.6	1.1

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department Baluchistan, Statistics Wing, Quetta.

* Adjusted for Incorrect Khuzdar District Hectares and Production (See Table 47)

TABLE 23. RAPSEED AND MUSTARD HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN BALUCHISTAN.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	21226	6786	319.7	2023	183	90.5	23249	6969	299.8
1975-76	7813	2784	356.3	3378	610	180.6	11191	3394	303.3
1976-77	8419	3353	398.3	25535	7996	313.1	33954	11349	334.2
1977-78	7740	2357	304.5	10838	3363	310.3	18578	5720	307.9
1978-79	7098	3490	491.7	24731	8670	350.6	31829	12160	382.0
1979-80	5315	2690	506.1	18071	6570	363.6	23386	9260	396.0
1980-81	5315	2690	506.1	20525	7570	368.8	25840	10260	397.1
1981-82	12686	6980	550.2	5668	2409	425.0	18354	9389	511.6
1982-83	13416	8100	603.8	5949	2610	438.7	19365	10710	553.1
1983-84	17980	10920	607.3	5650	2510	444.2	23630	13430	568.3
1984-85	18114	11182	617.3	6080	2725	448.2	24194	13907	574.8
1985-86	18138	11347	625.6	6198	2783	449.0	24336	14130	580.6
1974-75 to 1985-86:									
Mean	11938.3	6056.6	490.6	11220.5	3999.9	348.6	23158.8	10056.5	434.1
STD	5479.3	3469.3	113.7	8208.2	2789.6	108.5	5797.5	3203.8	110.3
1976-77 to 1985-86:									
Mean	11422.1	6310.9	521.1	12924.5	4720.6	391.2	24346.6	11031.5	460.6
STD	5043.1	3640.7	99.3	7958.3	2492.6	53.3	4959.7	2444.2	101.9
1981-82 to 1985-86:									
Mean	16066.8	9705.8	600.8	5909.0	2607.4	441.0	21975.8	12313.2	557.7
STD	2473.8	1808.6	26.4	218.9	136.8	8.8	2575.3	1908.4	24.8
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	2.4	5.3	3.0	-	4.6	4.6	0.5	3.7	3.1

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 24. FODDER (RABI+KHARIF) HECTARAGE AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN BALUCHISTAN.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	4520	165170	36542.0	1060	15340	14471.7	5580	180510	32347.5
1975-76	9930	232440	23407.9	870	17640	20275.9	10800	250080	23155.6
1976-77	7980	247950	31071.4	2300	48580	21121.7	10280	296530	28845.3
1977-78	9630	265250	27544.1	11390	250600	22001.8	21020	515850	24540.9
1978-79	30320	841140	27742.1	15070	382920	25409.4	45390	1224060	26967.6
1979-80	20690	622360	30080.2	6220	159620	25662.4	26910	781980	29059.1
1980-81	15340	452820	29518.9	5550	109020	19643.2	20890	561840	26895.2
1981-82	17635	570060	32325.5	7851	167120	21286.5	25486	737180	28924.9
1982-83	27940	950040	34002.9	16529	338600	20485.2	44469	1288640	28978.0
1983-84	27251	1028430	37739.2	17962	368020	20488.8	45213	1396450	30886.0
1984-85	18216	719330	39488.9	6364	144470	22701.1	24580	863800	35142.1
1985-86	16257	533830	32836.9	3333	61760	18529.9	19590	595590	30402.8
1974-75 to 1985-86:									
Mean	17142.4	552401.7	31858.3	7874.9	171974.2	21006.5	25017.3	724375.8	28845.6
STD	7969.5	279716.0	4441.7	5762.1	128290.3	2840.0	13117.6	390829.1	3120.1
1976-77 to 1985-86:									
Mean	19125.9	623121.0	32235.0	9256.9	203071.0	21733.0	28382.8	826192.0	29064.3
STD	7151.8	252300.6	3768.0	5327.3	118100.5	2197.1	11711.8	347643.0	2677.5
1981-82 to 1985-86:									
Mean	21459.8	760338.0	35278.7	10407.8	215994.0	20698.3	31867.6	976332.0	30866.9
STD	5054.7	198521.2	2831.7	5787.5	117844.5	1352.7	10784.0	312684.2	2273.0
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	4.6	5.8	1.1	6.8	7.1	0.3	5.0	5.7	0.7

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 25. CUMIN HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN BALUCHISTAN.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	610	315	516.4	483	178	368.5	1093	493	451.1
1975-76	1359	615	452.5	29	9	310.3	1388	624	449.6
1976-77	334	147	440.1	691	218	315.5	1025	365	356.1
1977-78	1505	723	480.4	764	240	314.1	2269	963	424.4
1978-79	1569	795	506.7	898	289	321.8	2467	1084	439.4
1979-80	1264	663	524.5	641	203	316.7	1905	866	454.6
1980-81	1668	875	524.6	720	226	313.9	2388	1101	461.1
1981-82	1970	1102	559.4	1321	480	363.4	3291	1582	480.7
1982-83	2115	1195	565.0	1517	560	369.1	3632	1755	483.2
1983-84	3014	1712	568.0	2198	820	373.1	5212	2532	485.8
1984-85	2517	1429	567.7	445	166	373.0	2962	1595	538.5
1985-86	2498	1575	630.5	817	359	439.4	3315	1934	583.4
1974-75 to 1985-86:									
Mean	1701.9	928.0	528.0	877.0	312.3	348.2	2578.9	1241.2	467.3
STD	746.8	465.7	51.9	543.5	207.1	37.8	1150.3	620.6	54.1
1976-77 to 1985-86:									
Mean	1845.4	1021.6	536.7	1001.2	356.1	350.0	2846.6	1377.7	470.7
STD	719.5	451.8	50.7	501.6	196.4	39.1	1074.0	591.2	58.6
1981-82 to 1985-86:									
Mean	2422.8	1402.6	578.1	1259.6	477.0	383.6	3682.4	1879.6	514.3
STD	364.4	227.9	26.4	601.7	216.9	28.1	793.6	350.3	40.7
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	5.9	7.0	1.0	6.6	7.5	0.9	5.1	6.3	1.1

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 26. CHICKPEA HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN BALUCHISTAN.[#]

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	1866	972	520.9	0	0	-	1866	972	520.9
1975-76	1313	945	719.7	0	0	-	1313	945	719.7
1976-77	7	5	714.3	0	0	-	7	5	714.3
1977-78	1164	840	721.6	0	0	-	1164	840	721.6
1978-79	1133	830	732.6	0	0	-	1133	830	732.6
1979-80	1105	820	742.1	0	0	-	1105	820	742.1
1980-81	10100	7500	742.6	0	0	-	10100	7500	742.6
1981-82	18210	13530	743.0	0	0	-	18210	13530	743.0
1982-83	20240	15200	751.0	0	0	-	20240	15200	751.0
1983-84	21080	16100	763.8	0	0	-	21080	16100	763.8
1984-85	21060	16100	764.5	0	0	-	21060	16100	764.5
1985-86	21062	16200	769.2	0	0	-	21062	16200	769.2
1974-75 to 1985-86:									
Mean	9861.7	7420.2	723.8	0.0	0.0	0.0	9861.7	7420.2	723.8
STD	9205.1	7038.0	63.5	0.0	0.0	0.0	9205.1	7038.0	63.5
1976-77 to 1985-86:									
Mean	11516.1	8712.5	744.5	0.0	0.0	0.0	11516.1	8712.5	744.5
STD	9232.7	7029.9	17.3	0.0	0.0	0.0	9232.7	7029.9	17.3
1981-82 to 1985-86:									
Mean	20330.4	15426.0	758.3	0.0	0.0	0.0	20330.4	15426.0	758.3
STD	1107.6	1015.2	9.7	0.0	0.0	0.0	1107.6	1015.2	9.7
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
	20.1	20.9	0.8	-	-	-	20.1	20.9	0.8

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department of Baluchistan, Statistics Wing, Quetta.

Only grown in Nasirabad District.

TABLE 27. LENTIL HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN BALUCHISTAN.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	26	14	538.5	0	0	-	26	14	538.5
1975-76	16	8	500.0	0	0	-	16	8	500.0
1976-77	77	40	519.5	0	0	-	77	40	519.5
1977-78	33	18	545.5	0	0	-	33	18	545.5
1978-79	17	9	529.4	20	6	-	37	15	405.4
1979-80	95	52	547.4	20	7	-	115	59	513.0
1980-81	22	12	545.5	0	0	-	22	12	545.5
1981-82	33	18	545.5	0	0	-	33	18	545.5
1982-83	16	9	562.5	27	12	-	43	21	488.4
1983-84	18	10	555.6	4	1	-	22	11	500.0
1984-85	56	34	607.1	76	31	-	132	65	492.3
1985-86	72	45	625.0	57	23	-	129	68	527.1
1974-75 to 1985-86:									
Mean	40.1	22.4	551.8	0.0	0.0	0.0	57.1	29.1	510.1
STD	26.5	15.2	33.0	0.0	0.0	0.0	42.2	21.6	37.6
1976-77 to 1985-86:									
Mean	43.9	24.7	558.3	0.0	0.0	0.0	64.3	32.7	508.2
STD	27.4	15.6	31.3	0.0	0.0	0.0	42.7	21.9	39.9
1981-82 to 1985-86:									
Mean	39.0	23.2	579.1	0.0	0.0	0.0	71.8	36.6	510.7
STD	21.8	14.1	31.2	0.0	0.0	0.0	48.4	24.6	22.0
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	1.4	2.0	0.6	-	-	-	4.1	4.1	0.0

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 28. PEAS HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN BALUCHISTAN.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	276	125	452.9	0	0	-	276	125	452.9
1975-76	12	6	500.0	0	0	-	12	6	500.0
1976-77	505	178	352.5	0	0	-	505	178	352.5
1977-78	608	223	366.8	0	0	-	608	223	366.8
1978-79	809	310	383.2	0	0	-	809	310	383.2
1979-80	850	330	388.2	0	0	-	850	330	388.2
1980-81	8760	3500	399.5	0	0	-	8760	3500	399.5
1981-82	7284	2700	370.7	0	0	-	7284	2700	370.7
1982-83	6430	2800	435.5	0	0	-	6430	2800	435.5
1983-84	6423	2880	448.4	0	0	-	6423	2880	448.4
1984-85	6175	2800	453.4	0	0	-	6175	2800	453.4
1985-86	6180	2850	461.2	0	0	-	6180	2850	461.2
1974-75 to 1985-86:									
Mean	3692.7	1558.5	417.7	0.0	0.0	0.0	3692.7	1558.5	417.7
STD	3255.3	1378.2	44.6	0.0	0.0	0.0	3255.3	1378.2	44.6
1976-77 to 1985-86:									
Mean	4402.4	1857.1	405.9	0.0	0.0	0.0	4402.4	1857.1	405.9
STD	3113.0	1320.4	38.1	0.0	0.0	0.0	3113.0	1320.4	38.1
1981-82 to 1985-86:									
Mean	6498.4	2806.0	433.8	0.0	0.0	0.0	6498.4	2806.0	433.8
STD	408.3	61.2	32.7	0.0	0.0	0.0	408.3	61.2	32.7
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
	19.5	19.8	0.2	-	-	-	19.6	19.8	0.2

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department Baluchistan, Statistics Wing, Quetta.

TABLE 29. SORGHUM HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN BALUCHISTAN.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	1850	5330	2881.1	830	12620	15204.8	2680	17950	6697.8
1975-76	1420	39240	27633.8	710	13560	19098.6	2130	52800	24788.7
1976-77	4200	120890	28783.3	2120	44650	21061.3	6320	165540	26193.0
1977-78	2260	57110	25269.9	11060	242830	21955.7	13320	299940	22518.0
1978-79	13960	392790	28136.8	5900	121970	20672.9	19860	514760	25919.4
1979-80	7160	219900	30712.3	2550	60570	23752.9	9710	280470	28884.7
1980-81	3230	101000	31269.3	720	15790	21930.6	3950	116790	29567.1
1981-82	3305	106960	32363.1	1911	45500	23809.5	5216	152460	29229.3
1982-83	19629	15316	780.3	39211	19666	502.1	58840	35002	594.9
1983-84	24465	15296	788.7	36493	18902	518.0	60958	38198	626.6
1984-85	21267	16836	791.6	25469	13598	533.9	46736	30434	651.2
1985-86	21549	17176	797.1	21632	11826	546.7	43181	29002	671.6
1974-75 to 1985-86:									
Mean	10357.9	92653.7	17517.3	12383.8	51791.8	14132.2	22741.8	144445.5	16361.9
STD	8702.2	108740.7	13902.3	13901.5	65223.3	9855.0	21949.2	145796.8	12504.3
1976-77 to 1985-86:									
Mean	12102.5	106727.4	17969.2	14706.6	59532.2	13528.4	26809.1	166259.6	16485.6
STD	8520.7	113769.7	14144.5	14125.6	68686.7	10658.3	21882.6	150306.9	13083.3
1981-82 to 1985-86:									
Mean	18043.0	35116.2	7104.2	24943.2	21902.4	5182.0	42986.2	57019.2	6354.7
STD	7532.0	35944.1	12629.5	13256.6	12175.9	9313.8	20074.9	47832.4	11437.3
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	10.5	-2.7	-13.4	13.6	-3.6	-17.2	11.7	-3.8	-15.5

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department Baluchistan, Statistics Wing, Quetta.

TABLE 30. WHEAT HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN UPLAND BALUCHISTAN.*

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	37530	41530	1106.6	48400	21920	452.9	85930	63450	738.4
1975-76	40550	48470	1195.3	52580	26930	512.2	93130	75400	809.6
1976-77	36160	48130	1331.0	73260	37330	505.6	109420	85460	781.0
1977-78	35550	47250	1329.1	70190	38950	554.9	105740	86200	815.2
1978-79	34130	60419	1770.3	57760	32250	558.3	91890	92669	1008.5
1979-80	36780	55310	1503.8	63920	35630	557.4	100700	90940	903.1
1980-81	35560	55980	1574.2	59410	31350	527.7	94970	87330	919.6
1981-82	32712	54180	1656.3	52083	23750	456.0	84795	77930	919.0
1982-83	40690	73360	1802.9	105340	98180	932.0	146030	171540	1174.7
1983-84	42800	82320	1923.4	96260	92795	964.0	139060	175115	1259.3
1984-85	50450	96210	1907.0	87700	84360	961.9	138150	180570	1307.1
1985-86	48570	90000	1853.0	55060	46310	841.1	103630	136310	1315.4
1974-75 to 1985-86:									
Mean	39290.2	62763.3	1579.4	68496.9	47479.6	652.3	107787.1	110242.9	995.9
STD	5350.4	17430.7	272.9	17909.4	26508.7	197.5	20564.9	41249.0	204.2
1976-77 to 1985-86:									
Mean	39340.2	66315.9	1665.1	72098.3	52090.5	686.3	111438.5	118405.4	1040.3
STD	5820.8	16925.1	212.0	17497.4	26728.9	199.3	20613.3	40456.8	194.9
1981-82 to 1985-86:									
Mean	43044.4	79214.0	1828.5	79288.6	69079.0	831.0	122333.0	148293.0	1195.1
STD	6288.7	14668.5	96.0	21746.8	29037.8	192.7	23876.4	38460.9	146.8
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
	1.0	3.1	2.1	1.5	4.3	2.9	1.3	3.7	2.3

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Upland Baluchistan includes data for the Districts of Khuzdar , Kalat , Kachhi , Quetta , Pishin , Loralai and Zhob.

TABLE 31. BARLEY HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN UPLAND BALUCHISTAN.*

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	1170	643	549.6	614	225	366.4	1784	868	486.5
1975-76	1933	1583	818.9	1797	615	342.2	3730	2198	589.3
1976-77	1279	1048	819.4	640	219	342.2	1919	1267	660.2
1977-78	1327	1080	813.9	714	256	358.5	2041	1336	654.6
1978-79	1515	1327	875.9	984	331	336.4	2499	1658	663.5
1979-80	3424	3060	893.7	1794	600	334.4	5218	3660	701.4
1980-81	2079	1960	942.8	1579	671	425.0	3658	2631	719.2
1981-82	2422	2275	939.3	2568	1117	435.0	4990	3392	679.8
1982-83	6665	6130	919.7	3576	2150	601.2	10241	8280	808.5
1983-84	3296	3177	963.9	3228	2026	627.6	6524	5203	797.5
1984-85	5818	4955	851.7	5325	2942	552.5	11143	7897	708.7
1985-86	5959	5799	973.1	4696	2857	608.4	10655	8656	812.4
1974-75 to 1985-86:									
Mean	3073.9	2753.1	863.5	2292.9	1167.4	444.2	5366.8	3920.5	690.1
STD	1914.1	1830.8	109.3	1536.4	995.8	113.8	3369.0	2769.2	89.6
1976-77 to 1985-86:									
Mean	3378.4	3081.1	899.3	2510.4	1316.9	462.1	5888.8	4398.0	720.6
STD	1952.3	1825.5	54.8	1574.4	1023.9	116.5	3434.5	2783.1	59.6
1981-82 to 1985-86:									
Mean	4832.0	4467.2	929.5	3878.6	2218.4	564.9	8710.6	6685.6	761.4
STD	1659.5	1499.8	43.2	999.3	661.2	69.5	2476.4	2046.4	55.8
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	6.6	7.7	1.3	8.2	11.0	2.8	7.3	8.8	1.5

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Upland Baluchistan includes data for the Districts of Khuzdar , Kalat , Kachhi , Quetta , Pishin , Loralai and Zhob.

TABLE 32. RAPESEED AND MUSTARD HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN UPLAND BALUCHISTAN

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	526	178	338.4	0	0	0.0	526	178	338.4
1975-76	809	295	364.6	0	0	0.0	809	295	364.6
1976-77	607	254	418.5	809	223	275.6	1416	477	336.9
1977-78	550	230	418.2	350	110	314.3	900	340	377.8
1978-79	2093	1000	477.8	8674	3040	350.5	10767	4040	375.2
1979-80	180	90	500.0	1589	570	358.7	1769	660	373.1
1980-81	160	90	500.0	1589	570	358.7	1769	660	373.1
1981-82	200	110	550.0	1600	640	400.0	1800	750	416.7
1982-83	507	300	591.7	3440	1500	436.0	3947	1800	456.0
1983-84	5400	3248	601.5	3260	1447	443.9	8660	4695	542.1
1984-85	5650	3470	614.2	4000	1790	447.5	9650	5260	545.1
1985-86	5710	3580	627.0	4100	1840	448.8	9810	5420	552.5
1974-75 to 1985-86:									
Mean	1867.7	1070.4	500.1	0.0	0.0	0.0	4318.6	2047.9	421.0
STD	2201.8	1384.8	95.1	0.0	0.0	0.0	3929.6	2045.7	78.7
1976-77 to 1985-86:									
Mean	2107.7	1237.2	529.9	2941.1	1173.0	383.4	5048.8	2410.2	434.8
STD	2338.3	1460.7	74.3	2289.0	868.2	58.1	3915.0	2057.5	78.9
1981-82 to 1985-86:									
Mean	3493.4	2141.6	596.9	3280.0	1443.4	435.2	6773.4	3585.0	502.5
STD	2567.7	1586.0	26.3	998.8	430.4	18.2	3279.6	1930.2	55.5
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
	7.8	10.3	2.5	-	-	-	10.5	12.6	2.1

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Upland Baluchistan includes data for the Districts of Khuzdar , Kalat , Kachhi , Quetta , Pishin , Loralai and Zhob.

TABLE 33. FODDER HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN UPLAND BALUCHISTAN.*

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	1830	74480	40699.5	220	3180	14454.5	2050	77660	37882.9
1975-76	1410	43940	31163.1	270	6900	25555.6	1680	50840	30261.9
1976-77	2210	64730	29289.6	510	13120	25725.5	2720	77850	28621.3
1977-78	1790	71210	39782.1	10860	236430	21770.7	12650	307640	24319.4
1978-79	6360	194850	30636.8	5230	103610	19810.7	11590	298460	25751.5
1979-80	1920	71060	37010.4	1920	42170	21963.5	3840	113230	29487.0
1980-81	5360	171120	31925.4	460	9720	21130.4	5820	180840	31072.2
1981-82	6454	234840	36386.7	1946	41540	21346.4	8400	276380	32902.4
1982-83	5317	193120	36321.2	9854	199880	20284.1	15171	393000	25904.7
1983-84	6571	229750	34954.2	10738	218980	20393.0	17309	448730	25924.7
1984-85	10641	366520	34444.1	2779	66970	24098.6	13420	433490	32301.8
1985-86	10945	345240	31543.2	1426	29530	20708.3	12371	374770	30294.2
1974-75 to 1985-86:									
Mean	5067.3	171738.3	34513.9	3851.1	81002.5	21436.8	8918.4	252740.8	29560.3
STD	3218.2	105619.6	3515.5	4057.4	84156.0	2847.2	5294.6	140814.8	3659.6
1976-77 to 1985-86:									
Mean	5756.8	194244.0	34230.4	4572.3	96195.0	21723.1	10329.1	290439.0	28657.9
STD	3093.1	101493.6	3130.7	4078.5	84339.3	1753.3	4657.5	123416.8	2877.7
1981-82 to 1985-86:									
Mean	7985.6	273894.0	34731.9	5348.6	111380.0	21366.1	13334.2	385274.0	29465.6
STD	2335.7	68801.4	1764.6	4072.1	81190.3	1415.4	2981.8	60629.0	3025.2
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	7.5	7.3	-0.2	8.8	9.0	0.3	7.5	7.2	-0.2

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Upland Baluchistan includes data for the Districts of Khuzdar , Kalat , Kachhi , Quetta , Pishin , Loralai and Zhob.

TABLE 34. CUMIN HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN UPLAND BALUCHISTAN.*

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	196	94	479.6	14	5	357.1	210	99	471.4
1975-76	943	422	447.5	51	9	176.5	994	431	433.6
1976-77	288	128	444.4	312	97	310.9	600	225	375.0
1977-78	1106	546	493.7	756	239	316.1	1862	785	421.6
1978-79	1243	646	519.7	889	344	387.0	2132	990	464.4
1979-80	1173	618	526.9	586	210	358.4	1759	828	470.7
1980-81	1274	674	529.0	659	205	311.1	1933	879	454.7
1981-82	1459	917	560.4	1181	450	381.0	2639	1267	480.1
1982-83	1534	869	566.5	1269	473	372.7	2803	1342	478.8
1983-84	1699	974	573.3	1870	720	385.0	3569	1694	474.6
1984-85	1416	894	631.4	344	129	375.0	1760	1023	581.3
1985-86	1298	875	689.5	492	239	485.8	1790	1134	633.5
1974-75 to 1985-86:									
Mean	1135.7	631.4	538.5	701.9	260.0	351.4	1837.6	891.4	478.3
STD	443.1	280.2	69.0	515.6	199.6	69.2	893.3	444.7	65.5
1976-77 to 1985-86:									
Mean	1248.9	706.1	553.5	835.8	319.6	368.3	2084.7	1016.7	483.5
STD	361.7	235.3	65.6	459.7	180.2	49.0	748.6	371.0	70.1
1981-82 to 1985-86:									
Mean	1481.0	889.8	604.2	1031.2	402.2	399.9	2512.2	1292.0	529.7
STD	133.1	50.7	49.6	556.0	204.7	43.1	678.9	228.9	65.6
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
	5.9	7.4	1.5	10.9	12.9	1.9	6.7	7.9	1.3

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Upland Baluchistan includes data for the Districts of Khuzdar , Kalat , Kachhi , Quetta , Pishin , Loralai and Zhob.

TABLE 35. LENTIL HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN UPLAND BALUCHISTAN.*

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	24	13	541.7	0	0	0.0	24	13	541.7
1975-76	16	8	500.0	0	0	0.0	16	8	500.0
1976-77	75	39	520.0	0	0	0.0	75	39	520.0
1977-78	13	7	538.5	0	0	0.0	13	7	538.5
1978-79	13	7	538.5	0	0	0.0	13	7	538.5
1979-80	91	50	549.5	0	0	0.0	91	50	549.5
1980-81	19	11	578.9	0	0	0.0	19	11	578.9
1981-82	28	16	571.4	0	0	0.0	28	16	571.4
1982-83	12	7	583.3	27	12	444.4	39	19	487.2
1983-84	5	3	600.0	1	0	0.0	5	3	500.0
1984-85	45	28	622.2	70	29	414.3	115	57	495.7
1985-86	44	29	659.1	48	20	416.7	92	49	532.6
1974-75 to 1985-86:									
Mean	32.1	18.2	566.9	0.0	0.0	0.0	44.3	23.3	529.5
STD	25.8	14.3	43.1	0.0	0.0	0.0	36.5	18.8	28.4
1976-77 to 1985-86:									
Mean	34.5	19.7	576.1	0.0	0.0	0.0	49.1	25.8	531.2
STD	27.6	15.2	40.4	0.0	0.0	0.0	38.1	19.6	29.4
1981-82 to 1985-86:									
Mean	26.8	16.6	607.2	0.0	0.0	0.0	56.0	28.8	517.4
STD	16.3	10.6	31.0	0.0	0.0	0.0	40.9	20.6	31.1
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
	-0.4	0.5	0.9	-	-	-	3.2	3.1	-0.1

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department Baluchistan, Statistics Wing, Quetta.

* Upland Baluchistan includes data for the Districts of Khuzdar , Kalat , Kachhi , Quetta , Pishin , Loralai and Zhob.

TABLE 36. SORGHUM HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN UPLAND BALUCHISTAN.*

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	12640	10220	808.5	21210	28556	1346.3	33850	38776	1145.5
1975-76	3370	3180	943.6	1660	990	596.4	5030	4170	829.0
1976-77	3740	2380	636.4	5870	2640	449.7	9610	5020	522.4
1977-78	2950	1860	630.5	102670	36960	360.0	105620	38820	367.5
1978-79	3610	2240	620.5	51480	15570	302.4	55090	17810	323.3
1979-80	4410	3060	693.9	15710	7070	450.0	20120	19130	503.5
1980-81	2130	1470	690.1	14400	6650	461.8	16530	8120	491.2
1981-82	1950	1349	691.8	14307	6643	464.3	16257	7992	491.6
1982-83	4715	3438	729.2	8508	4097	481.5	13223	7535	569.8
1983-84	6132	4469	728.8	6674	3342	500.7	12806	7811	609.9
1984-85	5842	3301	565.0	5387	2735	507.7	11229	6036	537.5
1985-86	5992	4523	754.8	4550	2934	644.8	10542	7457	707.4
1974-75 to 1985-86:									
Mean	4790.1	3457.5	707.8	21035.5	9848.9	547.2	25825.6	13306.4	591.6
STD	2725.8	2268.3	95.2	27679.7	10993.3	256.0	27338.7	11859.9	211.2
1976-77 to 1985-86:									
Mean	4147.1	2809.0	674.1	22955.6	8864.1	462.3	27102.7	11673.1	512.4
STD	1462.6	1082.9	56.2	29633.9	10060.3	85.8	29078.7	9638.6	104.5
1981-82 to 1985-86:									
Mean	4926.2	3416.0	693.9	7885.2	3950.2	519.8	12811.4	7366.2	583.3
STD	1570.4	1150.7	67.5	3477.3	1424.9	64.3	1984.7	692.2	73.2
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
-	-0.5	-0.5	-3.3	-4.2	-0.9	-2.7	-3.4	-0.7	

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department
Baluchistan, Statistics Wing, Quetta.

* Upland Baluchistan Includes Data for the Districts of Kachhi, Kalat, Khuzdar, Loralai, Pishin, Quetta and Zhob.
Regression Output:

TABLE 37. WHEAT HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KACHHI DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	8090	9610	1187.9	20230	7270	359.4	28320	16880	596.0
1975-76	10120	14520	1434.8	14250	6300	442.1	24370	20820	854.3
1976-77	8090	13770	1702.1	14160	6600	466.1	22250	20370	915.5
1977-78	5940	10150	1708.8	2030	910	448.3	7970	11060	1387.7
1978-79	6050	9540	1576.9	2610	1200	459.8	8660	10740	1240.2
1979-80	5260	7880	1498.1	2750	1380	501.8	8010	9260	1156.1
1980-81	5700	8850	1552.6	1740	900	517.2	7440	9750	1310.5
1981-82	4700	7800	1659.6	1100	600	545.5	5800	8400	1448.3
1982-83	5800	9750	1681.0	9300	6050	650.5	15100	15800	1046.4
1983-84	3780	7080	1873.0	380	270	710.5	4160	7350	1766.8
1984-85	6400	11320	1778.1	7600	5470	719.7	14000	16850	1203.6
1985-86	5400	10570	1957.4	6350	4930	776.4	11750	15500	1319.1
1974-75 to 1985-86:									
Mean	6277.5	10075.0	1634.2	6875.0	3490.0	549.8	13152.5	13565.0	1187.0
STD	1648.4	2168.7	196.4	6144.7	2679.9	126.8	7561.8	4491.7	293.7
1976-77 to 1985-86:									
Mean	5712.0	9677.0	1698.8	4802.0	2831.0	579.6	10514.0	12508.0	1279.4
STD	1065.9	1867.6	134.9	4211.5	2442.5	116.7	5105.6	4090.4	221.3
1981-82 to 1985-86:									
Mean	5216.0	9316.0	1789.8	4946.0	3464.0	680.5	10162.0	12780.0	1356.8
STD	906.1	1632.1	113.1	3566.9	2500.6	78.4	4397.4	4043.6	244.0
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	-2.2	-1.0	1.2	-5.9	-3.2	2.8	-3.7	-1.3	2.4

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 38. BARLEY HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KACHHI DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	0	0	0.0	0	0	0.0	0	0	0.0
1975-76	27	28	1037.0	0	0	0.0	27	28	1037.0
1976-77	28	27	964.3	0	0	0.0	28	27	964.3
1977-78	6	5	833.3	0	0	0.0	6	5	833.3
1978-79	10	7	700.0	0	0	0.0	10	7	700.0
1979-80	162	120	740.7	0	0	0.0	162	120	740.7
1980-81	0	0	0.0	0	0	0.0	0	0	0.0
1981-82	0	0	0.0	0	0	0.0	0	0	0.0
1982-83	0	0	0.0	0	0	0.0	0	0	0.0
1983-84	0	0	0.0	0	0	0.0	0	0	0.0
1984-85	955	819	848.2	35	18	514.3	990	828	836.4
1985-86	970	830	855.7	45	23	511.1	1015	853	840.4
1974-75 to 1985-86:									
Mean	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976-77 to 1985-86:									
Mean	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981-82 to 1985-86:									
Mean	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 39. RAPESEED AND MUSTARD HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KACHHI DISTRICT

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	526	178	338.4	0	0	0.0	526	178	338.4
1975-76	809	295	364.6	0	0	0.0	809	295	364.6
1976-77	607	254	418.5	809	223	275.6	1416	477	336.9
1977-78	550	230	418.2	350	110	314.3	900	340	377.8
1978-79	2093	1000	477.8	8674	3040	350.5	10767	4040	375.2
1979-80	180	90	500.0	1589	570	358.7	1769	660	373.1
1980-81	180	90	500.0	1589	570	358.7	1769	660	373.1
1981-82	200	110	550.0	1600	640	400.0	1800	750	416.7
1982-83	507	300	591.7	3440	1500	436.0	3947	1800	456.0
1983-84	5400	3248	601.5	3260	1447	443.9	8660	4695	542.1
1984-85	5650	3470	614.2	4000	1790	447.5	9850	5260	545.1
1985-86	5710	3580	627.0	4100	1840	448.8	9810	5420	552.5
1974-75 to 1985-86:									
Mean	1867.7	1070.4	500.1	0.0	0.0	0.0	4318.6	2047.9	421.0
STD	2201.8	1384.8	95.1	0.0	0.0	0.0	3929.6	2045.7	78.7
1976-77 to 1985-86:									
Mean	2107.7	1237.2	529.9	2941.1	1173.0	383.4	5048.8	2410.2	434.8
STD	2338.3	1460.7	74.3	2289.0	868.2	58.1	3915.0	2057.5	78.9
1981-82 to 1985-86:									
Mean	3493.4	2141.6	596.9	3280.0	1443.4	435.2	6773.4	3585.0	502.5
STD	2567.7	1586.0	26.3	898.8	430.4	18.2	3279.6	1930.2	55.5
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time)									
	7.8	10.3	2.5	-	-	-	10.5	12.6	2.1

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 40. FODDER HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KACHHI DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	690	25410	36826.1	120	2020	16833.3	810	27430	33864.2
1975-76	850	27430	32270.6	0	0	0.0	850	27430	32270.6
1976-77	1000	29460	29460.0	0	0	0.0	1000	29460	29460.0
1977-78	370	9800	26486.5	10290	221200	21496.6	10660	231000	21669.8
1978-79	120	2800	23333.3	20	450	22500.0	140	3250	23214.3
1979-80	400	11050	27625.0	1190	24700	20756.3	1590	35750	22484.3
1980-81	2510	80050	30670.5	290	5630	19413.8	2900	85680	29544.8
1981-82	3641	118120	32441.6	310	5810	18741.9	3951	123930	31366.7
1982-83	941	39750	42242.3	20	380	19000.0	961	40130	41758.6
1983-84	1517	58950	38859.6	28	540	19285.7	1545	59490	38504.9
1984-85	2888	106800	36980.6	0	0	0.0	2888	106800	36980.6
1985-86	2927	97400	33276.4	0	0	0.0	2927	97400	33276.4
1974-75 to 1985-86:									
Mean	1496.2	50585.0	32539.4	0.0	0.0	0.0	2518.5	72312.5	31199.6
STD	1147.9	38831.2	5254.6	0.0	0.0	0.0	2687.7	59871.6	6104.4
1976-77 to 1985-86:									
Mean	1641.4	55418.0	32137.6	0.0	0.0	0.0	2856.2	81289.0	30826.0
STD	1205.5	40854.4	5579.2	0.0	0.0	0.0	2825.7	61790.5	6614.6
1981-82 to 1985-86:									
Mean	2382.8	84204.0	36760.1	0.0	0.0	0.0	2454.4	85550.0	36377.4
STD	996.3	29829.3	3613.8	0.0	0.0	0.0	1068.5	31006.8	3703.2
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	5.9	6.7	0.8	-	-	-	2.9	3.9	1.0

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department Baluchistan, Statistics Wing, Quetta.

TABLE 41. SORGHUM HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KACHHI DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	12140	9790	806.4	8700	3110	357.5	20840	12900	619.0
1975-76	1900	1850	973.7	0	0	0.0	1900	1850	973.7
1976-77	3230	2030	628.5	0	0	0.0	3230	2030	628.5
1977-78	2790	1750	627.2	100990	36220	358.6	103780	37970	365.9
1978-79	2920	1840	630.1	50160	15000	299.0	53080	16840	317.3
1979-80	3930	2750	699.7	11070	4980	449.9	15000	7730	515.3
1980-81	1610	1130	701.9	12060	5600	464.3	13670	6730	492.3
1981-82	1600	1130	706.3	12000	5570	464.2	13600	6700	492.6
1982-83	4614	3374	731.3	3927	1900	483.8	8541	5274	617.5
1983-84	5580	4130	740.1	3430	1720	501.5	9010	5850	649.3
1984-85	4580	3420	746.7	3650	1850	506.8	8230	5270	640.3
1985-86	4650	3480	748.4	3950	2100	531.6	8600	5580	648.8
1974-75 to 1985-86:									
Mean	4128.7	3056.2	728.4	0.0	0.0	0.0	21623.4	9560.3	580.0
STD	2720.3	2238.3	90.8	0.0	0.0	0.0	27865.6	9457.5	160.2
1976-77 to 1985-86:									
Mean	3550.4	2503.4	696.0	0.0	0.0	0.0	23674.1	9997.4	536.8
STD	1277.2	1013.1	47.2	0.0	0.0	0.0	29809.8	10004.1	115.2
1981-82 to 1985-86:									
Mean	4204.8	3106.8	734.6	0.0	0.0	0.0	9596.2	5734.8	609.7
STD	1355.2	1026.0	15.4	0.0	0.0	0.0	2017.2	528.6	59.7
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.tine).									
	0.2	0.0	-0.1	-	-	-	-1.0	-1.0	0.1

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department Baluchistan, Statistics Wing, Quetta.

TABLE 42. WHEAT HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KALAT DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	6480	6950	1072.5	1210	760	628.1	7690	7710	1002.6
1975-76	7300	8090	1108.2	5400	2950	546.3	12700	11040	869.3
1976-77	6440	7480	1161.5	22150	11890	536.8	28590	19370	677.5
1977-78	6790	7960	1172.3	20230	10880	537.8	27020	18840	677.3
1978-79	6000	8040	1340.0	15000	8250	550.0	21000	16290	775.7
1979-80	7000	9100	1300.0	23700	13030	549.8	30700	22130	720.8
1980-81	9000	13950	1550.0	23000	12650	550.0	32000	26600	831.3
1981-82	8150	13400	1644.2	16850	10110	600.0	25000	23510	940.4
1982-83	10000	17750	1775.0	24000	20600	858.3	34000	38350	1127.9
1983-84	12000	22600	1883.3	23000	19790	860.4	35000	42390	1211.1
1984-85	10440	20130	1928.2	8600	7310	850.0	19040	27440	1341.2
1985-86	8200	16010	1952.4	7400	5200	702.7	15600	21210	1359.6
1974-75 to 1985-86:									
Mean	8150.0	12621.7	1490.6	15878.3	10285.0	647.5	24028.3	22906.7	971.2
STD	1789.9	5246.9	323.6	7844.2	5746.1	129.0	8460.4	9577.4	249.7
1976-77 to 1985-86:									
Mean	8402.0	13642.0	1570.7	18393.0	11971.0	659.6	26795.0	25613.0	978.3
STD	1852.0	5169.6	295.2	5917.6	4725.0	136.9	6221.9	8097.6	271.3
1981-82 to 1985-86:									
Mean	9758.0	17978.0	1836.6	15970.0	12602.0	774.3	25728.0	30580.0	1216.1
STD	1453.5	3189.9	113.9	6963.3	6397.5	105.6	7774.7	8336.6	176.1
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
	2.0	4.7	2.7	3.9	5.6	1.7	2.2	4.5	2.3

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department Baluchistan, Statistics Wing, Quetta.

TABLE 43. BARLEY HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KALAT DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	10	7	700.0	71	25	352.1	81	32	395.1
1975-76	405	315	777.8	0	0	0.0	405	315	777.8
1976-77	445	360	809.0	0	0	0.0	445	360	809.0
1977-78	24	18	750.0	0	0	0.0	24	18	750.0
1978-79	50	40	800.0	0	0	0.0	50	40	800.0
1979-80	73	60	821.9	0	0	0.0	73	60	821.9
1980-81	150	130	866.7	0	0	0.0	150	130	866.7
1981-82	180	160	888.9	75	35	466.7	255	195	764.7
1982-83	210	190	904.8	175	90	514.3	385	280	727.3
1983-84	220	200	909.1	190	100	526.3	410	300	731.7
1984-85	160	146	912.5	110	58	527.3	270	204	755.6
1985-86	170	156	917.6	230	122	530.4	400	278	695.0
1974-75 to 1985-86:									
Mean	174.8	148.5	838.2	0.0	0.0	0.0	245.7	184.3	741.2
STD	131.0	105.7	69.4	0.0	0.0	0.0	155.3	119.0	113.5
1976-77 to 1985-86:									
Mean	168.2	146.0	858.0	0.0	0.0	0.0	246.2	186.5	772.2
STD	112.0	92.9	55.8	0.0	0.0	0.0	154.0	113.8	49.0
1981-82 to 1985-86:									
Mean	188.0	170.4	906.6	156.0	81.0	513.0	344.0	251.4	734.8
STD	23.2	20.8	9.8	56.0	30.9	23.8	67.2	43.2	24.4
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	13.8	11.6	-2.2	-	-	-	16.1	14.0	-2.1

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department Baluchistan, Statistics Wing, Quetta.

TABLE 44. FODDER HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KALAT DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	80	4160	52000.0	20	300	15000.0	100	4460	44600.0
1975-76	40	2170	54250.0	40	710	17750.0	80	2880	36000.0
1976-77	490	17410	35530.6	60	880	14666.7	550	18290	33254.5
1977-78	320	16400	51250.0	0	0	0.0	320	16400	51250.0
1978-79	830	35680	42988.0	0	0	0.0	830	35680	42988.0
1979-80	50	2380	47600.0	0	0	0.0	50	2380	47600.0
1980-81	70	3170	45285.7	0	0	0.0	70	3170	45285.7
1981-82	85	4510	53058.8	0	0	0.0	85	4510	53058.8
1982-83	2788	80130	28741.0	8822	179400	20335.5	11610	259530	22354.0
1983-84	2920	87310	29900.7	9148	185210	20246.0	12068	272520	22582.0
1984-85	2410	75070	31149.4	1450	35210	24282.8	3860	110280	28569.9
1985-86	2370	70000	29535.9	900	18500	20555.6	3270	88500	27064.2
1974-75 to 1985-86:									
Mean	1037.8	33199.2	41774.2	0.0	0.0	0.0	2741.1	68216.7	37883.9
STD	1149.5	33237.0	9736.4	0.0	0.0	0.0	4252.3	94743.3	10541.2
1976-77 to 1985-86:									
Mean	1233.3	39206.0	39504.0	0.0	0.0	0.0	3271.3	81126.0	37400.7
STD	1164.5	33300.8	9087.5	0.0	0.0	0.0	4473.4	98851.0	11324.3
1981-82 to 1985-86:									
Mean	2114.6	63404.0	34477.2	0.0	0.0	0.0	6178.6	147068.0	30725.8
STD	1036.7	29997.9	9323.3	0.0	0.0	0.0	4799.0	103433.3	11430.0
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	13.8	11.6	-2.2	-	-	-	16.1	14.0	-2.1

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department
Baluchistan, Statistics Wing, Quetta.

TABLE 45. CUMIN HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KALAT DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	121	61	504.1	0	0	0.0	121	61	504.1
1975-76	674	295	437.7	0	0	0.0	674	295	437.7
1976-77	243	109	448.6	278	84	302.2	521	193	370.4
1977-78	607	279	459.6	680	214	314.7	1287	493	383.1
1978-79	700	340	485.7	755	240	317.9	1455	580	398.6
1979-80	600	300	500.0	568	180	316.9	1168	480	411.0
1980-81	650	325	500.0	590	177	300.0	1240	502	404.8
1981-82	760	430	565.8	920	340	369.6	1680	770	458.3
1982-83	700	400	571.4	1000	375	375.0	1700	775	455.9
1983-84	780	450	576.9	1600	605	378.1	2380	1055	443.3
1984-85	460	265	576.1	240	90	375.0	700	355	507.1
1985-86	510	380	745.1	400	210	525.0	910	590	648.4
1974-75 to 1985-86:									
Mean	567.1	302.8	530.9	0.0	0.0	0.0	1153.0	512.4	451.9
STD	195.3	113.0	80.7	0.0	0.0	0.0	588.6	261.4	72.3
1976-77 to 1985-86:									
Mean	601.0	327.8	542.9	703.1	251.5	357.4	1304.1	579.3	448.1
STD	153.5	94.0	82.0	382.2	147.0	63.8	513.3	228.9	77.3
1981-82 to 1985-86:									
Mean	642.0	385.0	607.1	832.0	324.0	404.5	1474.0	709.0	502.6
STD	131.8	64.7	69.1	482.3	173.0	60.3	605.2	231.2	76.1
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	3.3	4.8	1.5	-	-	-	5.3	6.3	1.0

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department Baluchistan, Statistics Wing, Quetta.

TABLE 46. WHEAT HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KHUZDAR DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	6850	9300	1357.7	810	730	901.2	7660	10030	1309.4
1975-76	3300	4540	1375.8	4190	2640	630.1	7490	7180	958.6
1976-77	1420	2130	1500.0	1060	650	613.2	2480	2780	1121.0
1977-78	1430	2250	1573.4	15230	9560	627.7	16660	11810	708.9
1978-79	1620	2860	1765.4	10000	6000	600.0	11620	8860	762.5
1979-80	3040	4460	1467.1	11470	6880	599.8	14510	11340	781.5
1980-81	1120	1760	1571.4	6540	3920	599.4	7660	5680	741.5
1981-82	1462	2450	1675.8	2000	1200	600.0	3462	3650	1054.3
1982-83	5300	9300	1754.7	45600	51600	1131.6	50900	60900	1196.5
1983-84	6050	11390	1882.6	41790	47300	1131.8	47840	58690	1226.8
1984-85	9400	17090	1818.1	43400	48130	1109.0	52800	65220	1235.2
1985-86	10500	19100	1819.0	29300	26900	918.1	39800	46000	1155.8
1974-75 to 1985-86:									
Mean	4291.0	7219.2	1630.1	17615.8	17125.8	788.5	21906.8	24345.0	1021.0
STD	3155.4	5784.9	173.2	16767.1	19621.2	222.1	18945.4	24088.1	211.2
1976-77 to 1985-86:									
Mean	4134.2	7279.0	1682.8	20639.0	20214.0	793.1	24773.2	27493.0	998.4
STD	3342.2	6245.3	139.0	16791.5	20114.3	235.3	19529.9	25227.4	210.5
1981-82 to 1985-86:									
Mean	6542.4	11866.0	1790.1	32418.0	35026.0	978.1	38960.4	46892.0	1173.7
STD	3207.0	5917.7	70.0	16230.7	19012.1	205.4	18296.3	22547.7	65.9
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
	4.5	5.7	1.2	13.1	15.0	1.6	8.8	9.5	0.8

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department Baluchistan, Statistics Wing, Quetta.

TABLE 47. BARLEY HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KHUZDAR DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	47	41	872.3	93	35	376.3	140	76	542.9
1975-76	890	812	912.4	1621	559	344.8	2511	1371	546.0
1976-77	46	41	891.3	478	172	359.8	524	213	406.5
1977-78	51	41	803.9	483	173	358.2	534	214	400.7
1978-79	59	50	847.5	490	180	367.3	549	230	418.9
1979-80	70	60	857.1	628	240	382.2	698	300	429.8
1980-81	100	90	900.0	1148	500	435.5	1248	590	472.8
1981-82	501	450	898.2	1995	880	441.1	2496	1330	532.9
1982-83	4438	4000	901.3	1995*	1300*	651.6	6428	5300	824.5
1983-84	1643	1500	913.0	2119	1410	665.4	3762	2910	773.5
1984-85	3428	3200	933.5	3797	2343	617.1	7225	5543	767.2
1985-86	3387	3200	944.8	4143	2560	617.9	7530	5760	764.9
1974-75 to 1985-86:									
Mean	1221.7	1123.8	889.6	1416.3	754.3	468.1	2803.8	1986.4	573.4
STD	1548.6	1427.6	37.4	1323.9	851.0	123.8	2669.3	2186.1	156.2
1976-77 to 1985-86:									
Mean	1372.3	1263.2	889.1	1528.1	845.8	489.6	3099.4	2239.0	579.2
STD	1645.0	1516.4	40.0	1382.6	897.3	124.8	2782.9	2295.2	170.6
1981-82 to 1985-86:									
Mean	2679.4	2470.0	918.2	2410.8	1438.6	598.6	5488.2	4168.6	732.6
STD	1412.3	1298.3	18.2	1482.7	944.2	81.0	2000.1	1751.8	102.2
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	17.2	17.5	0.3	10.9	13.7	2.8	13.9	16.1	2.3

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Reported as 19,595 hectares and 13,000 tonnes in the above source. A check of the files of the Statistics Office reveals the correct figures of 1995 hectares and 1300 tonnes.

TABLE 4B. FODDER HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KHUZDAR DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	300	10930	36433.3	0	0	0.0	300	10930	36433.3
1975-76	190	7870	41421.1	230	6190	26913.0	420	14060	33476.2
1976-77	310	12470	40225.8	0	0	0.0	310	12470	40225.8
1977-78	370	9950	26891.9	10	190	19000.0	380	10140	26684.2
1978-79	4800	127750	26614.6	4680	88740	18961.5	9480	216490	22836.5
1979-80	930	31110	33451.6	230	3830	16652.2	1160	34940	30120.7
1980-81	1150	31080	27026.1	0	0	0.0	1150	31080	27026.1
1981-82	1309	43800	33460.7	382	9350	24476.4	1691	53150	31431.1
1982-83	330	18200	55151.5	0	0	0.0	330	18200	55151.5
1983-84	284	13250	46654.9	240	5830	24291.7	524	19080	36412.2
1984-85	252	12330	48928.6	225	5535	24600.0	2014	58965	29277.6
1985-86	1789	53430	29865.8	169	4000	23668.6	1958	57430	29330.9
1974-75 to 1985-86:									
Mean	1001.2	31014.2	37177.2	0.0	0.0	0.0	1643.1	44744.6	33200.5
STD	1249.2	32377.0	9038.8	0.0	0.0	0.0	2445.8	54696.5	8077.9
1976-77 to 1985-86:									
Mean	1152.4	35337.0	36827.2	0.0	0.0	0.0	1899.7	51194.5	32849.7
STD	1317.1	33842.8	9801.1	0.0	0.0	0.0	2604.3	57792.3	8782.2
1981-82 to 1985-86:									
Mean	792.8	28202.0	42812.3	0.0	0.0	0.0	1303.4	41365.0	36320.7
STD	636.3	17060.3	9586.4	0.0	0.0	0.0	726.5	18654.6	9767.1
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	2.7	3.3	0.5	-	-	-	3.1	3.3	0.2

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 49. CUMIN HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KHUZDAR DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	14	6	428.6	0	0	0.0	14	6	428.6
1975-76	82	37	451.2	0	0	0.0	82	37	451.2
1976-77	5	2	400.0	0	0	0.0	5	2	400.0
1977-78	8	3	375.0	0	0	0.0	8	3	375.0
1978-79	9	4	444.4	0	0	0.0	9	4	444.4
1979-80	33	15	454.5	0	0	0.0	33	15	454.5
1980-81	55	26	472.7	0	0	0.0	55	26	472.7
1981-82	40	21	525.0	33	11	333.3	73	32	438.4
1982-83	75	40	533.3	0	0	0.0	75	40	533.3
1983-84	67	38	567.2	20	7	350.0	87	45	517.2
1984-85	77	44	571.4	0	0	0.0	77	44	571.4
1985-86	70	60	857.1	0	0	0.0	70	60	857.1
1974-75 to 1985-86:									
Mean	44.6	24.7	506.7	0.0	0.0	0.0	49.0	26.2	495.3
STD	28.7	18.4	121.6	0.0	0.0	0.0	31.3	18.9	121.3
1976-77 to 1985-86:									
Mean	43.9	25.3	520.1	0.0	0.0	0.0	49.2	27.1	506.4
STD	27.5	18.8	129.0	0.0	0.0	0.0	30.7	19.4	130.0
1981-82 to 1985-86:									
Mean	65.8	40.6	610.8	0.0	0.0	0.0	76.4	44.2	583.5
STD	13.4	12.5	124.5	0.0	0.0	0.0	5.8	9.1	143.5
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
	7.8	10.0	2.2	-	-	-	8.4	10.4	2.0

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 50. LENTIL HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KHUZDAR DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	24	13	541.7	0	0	0.0	24	13	541.7
1975-76	16	8	500.0	0	0	0.0	16	8	500.0
1976-77	75	39	520.0	0	0	0.0	75	39	520.0
1977-78	13	7	538.5	0	0	0.0	13	7	538.5
1978-79	13	7	538.5	0	0	0.0	13	7	538.5
1979-80	91	50	549.5	0	0	0.0	91	50	549.5
1980-81	19	11	578.9	0	0	0.0	19	11	578.9
1981-82	28	16	571.4	0	0	0.0	28	16	571.4
1982-83	12	7	583.3	27	12	444.4	39	19	487.2
1983-84	5	3	600.0	1	0	0.0	6	3	500.0
1984-85	45	28	622.2	70	29	414.3	115	57	495.7
1985-86	44	29	659.1	48	20	416.7	92	49	532.6
1974-75 to 1985-86:									
Mean	32.1	18.2	566.9	0.0	0.0	0.0	44.3	23.3	529.5
STD	25.8	14.3	43.1	0.0	0.0	0.0	36.5	18.8	28.4
1976-77 to 1985-86:									
Mean	34.5	19.7	576.1	0.0	0.0	0.0	49.1	25.8	531.2
STD	27.6	15.2	40.4	0.0	0.0	0.0	38.1	19.6	29.4
1981-82 to 1985-86:									
Mean	26.8	16.6	607.2	0.0	0.0	0.0	56.0	28.8	517.4
STD	16.3	10.6	31.0	0.0	0.0	0.0	40.9	20.6	31.1
1974-75- to 1985-86 Growth Rate (%):									
	-0.4	0.5	0.9	-	-	-	3.2	3.1	-0.1

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 51. SORGHUM HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN KHUZDAR DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	50	40	800.0	60	40	666.7	110	80	727.3
1975-76	810	790	975.3	880	550	625.0	1690	1340	792.9
1976-77	190	120	631.6	0	0	0.0	190	120	631.6
1977-78	40	20	500.0	570	240	421.1	610	260	426.2
1978-79	570	320	561.4	0	0	0.0	570	320	561.4
1979-80	270	160	592.6	0	0	0.0	270	160	592.6
1980-81	420	250	595.2	0	0	0.0	420	250	595.2
1981-82	287	180	627.2	0	0	0.0	287	180	627.2
1982-83	28	18	642.9	2150	1042	484.7	2178	1060	486.7
1983-84	88	57	647.7	210	105	500.0	298	152	543.6
1984-85	92	60	652.2	208	105	504.8	300	165	550.0
1985-86	87	60	689.7	169	86	508.9	256	146	570.3
1974-75 to 1985-86:									
Mean	244.3	172.9	659.6	0.0	0.0	0.0	598.3	353.6	592.1
STD	234.7	207.2	117.7	0.0	0.0	0.0	620.9	387.8	93.8
1976-77 to 1985-86:									
Mean	207.2	124.5	614.0	0.0	0.0	0.0	537.9	282.3	558.5
STD	170.2	96.7	51.2	0.0	0.0	0.0	562.1	265.8	59.7
1981-82 to 1985-86:									
Mean	116.4	75.0	651.9	0.0	0.0	0.0	663.8	342.6	555.6
STD	88.5	54.9	20.7	0.0	0.0	0.0	757.3	358.9	45.3
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	-3.4	-3.9	-0.5	-	-	-	0.2	-0.7	-0.9

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 52. WHEAT HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN LORALAI DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	6330	5760	910.0	14100	7010	497.2	20430	12770	625.1
1975-76	6960	7380	1060.3	16920	9090	537.2	23880	16470	689.7
1976-77	5590	7380	1320.2	19360	10160	524.8	24950	17540	703.0
1977-78	7760	10320	1329.9	16750	9010	537.9	24510	19330	788.7
1978-79	7500	13100	1746.7	16500	9300	550.3	24400	22400	918.0
1979-80	7930	13510	1703.7	15050	8430	560.1	22980	21940	954.7
1980-81	4780	8460	1769.9	7800	4440	569.2	12580	12900	1025.4
1981-82	5250	9150	1742.9	8051	4450	552.7	13301	13600	1022.5
1982-83	5800	11050	1905.2	9200	5980	650.0	15000	17030	1135.3
1983-84	7440	14960	2010.8	14880	11930	801.7	22320	26890	1204.7
1984-85	8000	16120	2015.0	16000	13500	843.8	24000	29620	1234.2
1985-86	9500	15550	1636.8	4000	2670	667.5	13500	18220	1349.6
1974-75 to 1985-86:									
Mean	6903.3	11061.7	1595.9	13250.9	7997.5	607.7	20154.3	19059.2	970.9
STD	1319.5	3382.2	345.9	4557.5	3071.2	107.1	4801.1	5111.4	224.9
1976-77 to 1985-86:									
Mean	6955.0	11960.0	1718.1	12799.1	7987.0	625.8	19754.1	19947.0	1033.6
STD	1433.0	2958.6	229.9	4827.3	3332.0	108.3	5109.2	5092.9	192.0
1981-82 to 1985-86:									
Mean	7198.0	13366.0	1852.1	10426.2	7706.0	703.1	17624.2	21072.0	1189.3
STD	1533.0	2758.0	149.9	4457.5	4251.0	106.0	4588.6	6119.1	108.4
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.tine).									
	0.7	3.3	2.6	-3.3	-1.6	1.7	-1.5	1.4	3.0

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 53. BARLEY HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN LORALAI DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	138	146	1058.0	126	35	277.8	264	181	685.6
1975-76	142	147	1035.2	130	36	276.9	272	183	672.9
1976-77	192	206	1072.9	142	38	267.6	334	244	730.5
1977-78	439	433	986.3	146	53	363.0	585	486	830.8
1978-79	450	450	1000.0	200	80	400.0	650	530	815.4
1979-80	718	730	1016.7	228	100	438.6	946	830	877.4
1980-81	718	740	1030.6	228	100	438.6	946	840	887.9
1981-82	715	740	1035.0	88	40	454.5	803	780	971.4
1982-83	840	870	1035.7	1135	620	546.3	1975	1490	754.4
1983-84	507	526	1037.5	909	510	561.1	1416	1036	731.6
1984-85	512	530	1035.2	800	450	562.5	1312	980	747.0
1985-86	619	640	1033.9	132	74	560.6	751	714	950.7
1974-75 to 1985-86:									
Mean	499.2	513.2	1031.4	355.3	178.0	429.0	854.5	691.2	804.6
STD	229.4	235.8	21.9	351.5	205.6	109.7	490.2	373.8	95.9
1976-77 to 1985-86:									
Mean	571.0	586.5	1028.4	400.8	206.5	459.3	971.8	793.0	829.7
STD	179.4	185.7	22.3	368.6	214.1	94.5	453.7	324.8	85.2
1981-82 to 1985-86:									
Mean	638.6	661.2	1035.4	612.8	338.8	537.0	1251.4	1000.0	831.0
STD	126.6	131.0	1.2	424.7	236.7	41.6	448.5	272.8	106.6
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
	5.9	5.9	0.0	5.7	9.0	3.3	6.4	7.1	0.7

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department Baluchistan, Statistics Wing, Quetta.

TABLE 54. FODDER HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN LORALAI DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	230	9250	40217.4	50	610	12200.0	280	9860	35214.3
1975-76	40	1380	34500.0	0	0	0.0	40	1380	34500.0
1976-77	120	4930	41083.3	450	12240	27200.0	570	17170	30122.8
1977-78	140	6050	43214.3	530	14250	26886.8	670	20300	30298.5
1978-79	150	6210	41400.0	500	13600	27200.0	650	19810	30476.9
1979-80	170	6950	40882.4	500	13640	27280.0	670	20590	30731.3
1980-81	350	18380	52514.3	80	2340	29250.0	430	20720	48186.0
1981-82	360	21750	60416.7	80	3200	40000.0	440	24950	56704.5
1982-83	155	5120	33032.3	0	0	0.0	155	5120	33032.3
1983-84	936	32770	35010.7	340	8220	24176.5	1276	40990	32123.8
1984-85	2592	93050	35898.9	1009	24310	24093.2	3601	117360	32590.9
1985-86	2755	86790	31502.7	302	5180	17152.3	3057	91970	30085.1
1974-75 to 1985-86:									
Mean	666.5	24385.8	40806.1	0.0	0.0	0.0	986.6	32518.3	35338.9
STD	925.1	30551.9	8024.2	0.0	0.0	0.0	1095.0	34062.6	8013.3
1976-77 to 1985-86:									
Mean	772.8	28200.0	41495.6	0.0	0.0	0.0	1151.9	37898.0	35435.2
STD	978.5	32089.2	8531.1	0.0	0.0	0.0	1127.8	34857.9	8773.5
1981-82 to 1985-86:									
Mean	1359.6	47896.0	39172.3	0.0	0.0	0.0	1705.8	56078.0	36907.3
STD	1104.1	35479.1	10732.0	0.0	0.0	0.0	1386.3	42040.5	9949.9
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	12.3	12	-0.3	-	-	-	10	10.1	0.1

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 55. SORGHUM HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN LORALAI DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	420	370	881.0	7130	4160	583.5	7550	4530	600.0
1975-76	500	390	780.0	730	420	575.3	1230	810	658.5
1976-77	270	190	703.7	5860	2630	448.8	6130	2820	460.0
1977-78	90	70	777.8	1110	500	450.5	1200	570	475.0
1978-79	90	70	777.8	1110	500	450.5	1200	570	475.0
1979-80	180	130	722.2	4610	2080	451.2	4790	2210	461.4
1980-81	80	60	750.0	2300	1050	456.5	2380	1110	466.4
1981-82	40	24	600.0	1744	810	464.4	1784	834	467.5
1982-83	49	30	612.2	1821	860	472.3	1870	890	475.9
1983-84	430	390	697.7	1820	910	500.0	2250	1210	537.8
1984-85	1137	800	703.6	1509	770	510.3	2646	1570	593.3
1985-86	1235	970	785.4	1415	740	523.0	2650	1710	645.3
1974-75 to 1985-86:									
Mean	376.8	283.7	732.6	2596.6	1285.8	490.5	2973.3	1569.5	526.3
STD	393.5	297.5	74.4	1995.0	1074.4	46.6	1984.5	1105.9	73.7
1976-77 to 1985-86:									
Mean	360.1	264.4	713.0	2329.9	1085.0	472.7	2690.0	1349.4	505.8
STD	428.7	322.4	62.0	1516.9	666.2	26.5	1499.0	696.4	61.7
1981-82 to 1985-86:									
Mean	578.2	424.8	679.8	1661.8	818.0	494.0	2240.0	1242.8	544.0
STD	516.8	392.5	67.8	168.2	61.1	22.3	368.2	351.6	68.1
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	2.4	1.8	-0.6	-2.5	-2.7	-0.2	-1.4	-1.2	0.2

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 56. WHEAT HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN QUETTA DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	2470	2790	1129.6	730	420	575.3	3200	3210	1003.1
1975-76	2040	2780	1362.7	890	510	573.0	2930	3290	1122.9
1976-77	4570	6300	1378.6	2330	1340	575.1	6900	7640	1107.2
1977-78	2950	4010	1359.3	670	370	552.2	3620	4380	1209.9
1978-79	2430	3500	1440.3	870	500	574.7	3300	4000	1212.1
1979-80	2650	4040	1524.5	1150	580	504.3	3800	4620	1215.8
1980-81	2260	3580	1584.1	2360	1200	508.5	4620	4780	1034.6
1981-82	1300	2250	1730.8	667	300	449.8	1967	2550	1296.4
1982-83	1570	2910	1853.5	730	470	643.8	2300	3380	1469.6
1983-84	1420	2780	1957.7	190	140	736.8	1610	2920	1813.7
1984-85	1510	2970	1966.9	150	100	666.7	1660	3070	1849.4
1985-86	1480	3220	2175.7	220	100	454.5	1700	3320	1952.9
1974-75 to 1985-86:									
Mean	2220.8	3427.5	1622.0	913.1	502.5	567.9	3133.9	3930.0	1357.3
STD	882.3	1006.1	300.8	703.1	378.1	81.1	1465.0	1305.0	320.3
1976-77 to 1985-86:									
Mean	2214.0	3556.0	1697.1	933.7	510.0	566.7	3147.7	4066.0	1416.2
STD	961.6	1056.2	268.2	767.7	413.3	88.7	1603.3	1390.1	318.8
1981-82 to 1985-86:									
Mean	1456.0	2826.0	1936.9	391.4	222.0	590.3	1847.4	3048.0	1676.4
STD	91.8	321.5	146.8	252.5	144.3	116.9	257.8	299.7	250.0
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	-3.3	-1.0	2.3	-7.0	-7.0	0.0	-3.9	-1.4	2.5

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 57. BARLEY HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN QUETTA DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	42	30	714.3	24	7	291.7	66	37	560.6
1975-76	85	91	1070.6	18	10	555.6	103	101	980.6
1976-77	279	250	896.1	20	9	450.0	299	259	846.2
1977-78	89	76	853.9	0	0	0.0	89	76	853.9
1978-79	96	90	937.5	40	10	250.0	136	100	736.3
1979-80	97	90	927.8	40	10	250.0	137	100	729.9
1980-81	157	150	955.4	110	40	363.6	267	190	711.6
1981-82	188	180	957.4	154	60	389.6	342	240	701.8
1982-83	205	200	975.6	100	50	500.0	305	250	819.7
1983-84	134	131	977.6	0	0	0.0	134	131	977.6
1984-85	108	104	963.0	0	0	0.0	108	104	963.0
1985-86	111	110	991.0	0	0	0.0	111	110	991.0
1974-75 to 1985-86:									
Mean	132.6	125.2	935.0	0.0	0.0	0.0	174.8	141.5	824.3
STD	62.2	58.2	83.4	0.0	0.0	0.0	94.1	71.0	132.8
1976-77 to 1985-86:									
Mean	146.4	138.1	943.5	0.0	0.0	0.0	192.8	156.0	835.0
STD	58.3	53.6	39.6	0.0	0.0	0.0	92.8	67.7	108.0
1981-82 to 1985-86:									
Mean	149.2	145.0	972.9	0.0	0.0	0.0	200.0	167.0	890.6
STD	40.0	38.3	11.8	0.0	0.0	0.0	101.9	64.4	112.8
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
	2.2	2.8	0.6	-	-	-	1.5	2.5	1.0

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 58. FODDER HECTARES, PRODUCTION AND YIELD, IRRIGATED, UN-IRRIGATED AND TOTAL QUETTA DISTRICT, 1974-75 TO 1985-86.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	140	6340	45.2857	0	0	0	140	6340	45.2857
1975-76	150	7220	48.1333	0	0	0	150	7220	48.1333
1976-77	150	7320	48.8000	0	0	0	150	7320	48.8000
1977-78	380	19460	51.2105	0	0	0	380	19460	51.2105
1978-79	160	7980	49.8750	0	0	0	160	7980	49.8750
1979-80	160	8440	52.7500	0	0	0	160	8440	52.7500
1980-81	200	9400	47.0000	0	0	0	200	9400	47.0000
1981-82	318	19200	60.3774	0	0	0	318	19200	60.3774
1982-83	370	22700	61.3514	0	0	0	370	22700	61.3514
1983-84	166	10200	61.4458	0	0	0	166	10200	61.4458
1984-85	263	13920	52.9278	0	0	0	263	13920	52.9278
1985-86	269	15500	57.6208	0	0	0	269	15500	57.6208
1974-75 to 1985-86:									
Mean	227.2	12306.7	53.1	0.0	0.0	0.0	227.2	12306.7	53.1
STD	85.7	5419.2	5.5	0.0	0.0	0.0	85.7	5419.2	5.5
1976-77 to 1985-86:									
Mean	243.6	13412.0	54.3	0.0	0.0	0.0	243.6	13412.0	54.3
STD	84.7	5279.4	5.2	0.0	0.0	0.0	84.7	5279.4	5.2
1981-82 to 1985-86:									
Mean	277.2	16304.0	58.7	0.0	0.0	0.0	277.2	16304.0	58.7
STD	67.7	4310.1	3.2	0.0	0.0	0.0	67.7	4310.1	3.2
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
	2.3	3.3	1.0	-	-	-	2.3	3.3	1.0

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agricultural Department
Baluchistan, Statistics Wing, Quetta.

TABLE 59. CUMIN HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN QUETTA DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	36	16	444.4	14	5	357.1	50	21	420.0
1975-76	36	16	444.4	24	8	333.3	60	24	400.0
1976-77	30	13	433.3	10	3	300.0	40	16	400.0
1977-78	18	10	555.6	22	8	363.6	40	18	450.0
1978-79	50	28	560.0	64	24	375.0	114	52	456.1
1979-80	122	68	557.4	0	0	0.0	122	68	557.4
1980-81	47	26	553.2	0	0	0.0	47	26	553.2
1981-82	144	80	555.6	154	54	350.6	298	134	449.7
1982-83	192	109	567.7	180	66	366.7	372	175	470.4
1983-84	265	151	569.8	163	60	368.1	428	211	493.0
1984-85	187	107	572.2	80	30	375.0	267	137	513.1
1985-86	79	40	506.3	28	7	250.0	107	47	439.3
1974-75 to 1985-86:									
Mean	100.5	55.3	526.7	0.0	0.0	0.0	162.1	77.4	466.8
STD	77.1	45.0	52.2	0.0	0.0	0.0	134.6	65.7	50.9
1976-77 to 1985-86:									
Mean	113.4	63.2	543.1	0.0	0.0	0.0	183.5	88.4	478.2
STD	78.3	45.3	40.6	0.0	0.0	0.0	137.7	66.7	48.1
1981-82 to 1985-86:									
Mean	173.4	97.4	554.3	121.0	43.4	342.1	294.4	140.8	473.1
STD	61.2	36.6	24.7	57.7	21.9	46.7	109.3	54.7	27.2
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
	8.0	8.9	0.9	-	-	-	7.8	8.5	0.7

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department
Baluchistan, Statistics Wing, Quetta.

TABLE 60. WHEAT HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN PISHIN DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	3620	3810	1052.5	5570	2380	427.3	9190	6190	673.6
1975-76	6990	7640	1093.0	4450	1990	447.2	11440	9630	841.8
1976-77	6610	7640	1155.8	9970	4470	448.3	16580	12110	730.4
1977-78	6310	7940	1258.3	9710	5220	537.6	16020	13160	821.5
1978-79	6600	10300	1560.6	8700	4900	563.2	15300	15200	993.5
1979-80	6900	10920	1582.6	6200	3410	550.0	13100	14330	1093.9
1980-81	9060	14080	1554.1	14440	6300	436.3	23500	20380	867.2
1981-82	8000	13350	1668.8	9604	4800	499.8	17604	18150	1031.0
1982-83	8800	16820	1911.4	12000	10500	875.0	20800	27320	1313.5
1983-84	8810	17620	2000.0	12120	10620	876.2	20930	28240	1349.3
1984-85	10500	20910	1991.4	8700	7570	870.1	19200	28480	1483.3
1985-86	10430	20620	1977.0	4800	4810	1002.1	15230	25430	1669.7
1974-75 to 1985-86:									
Mean	7719.2	12637.5	1567.1	8855.3	5580.8	627.8	16574.5	18218.3	1072.4
STD	1866.2	5286.9	343.9	3000.2	2660.7	203.7	3973.3	7364.5	303.2
1976-77 to 1985-86:									
Mean	8202.0	14020.0	1666.0	9624.4	6260.0	665.9	17826.4	20280.0	1135.3
STD	1487.4	4619.6	288.3	2681.4	2391.6	202.7	3047.6	6244.1	291.8
1981-82 to 1985-86:									
Mean	9308.0	17864.0	1909.7	9444.8	7660.0	824.6	18752.8	25524.0	1369.4
STD	989.6	2771.3	124.4	2677.3	2574.4	169.9	2138.3	3839.9	210.3
1974-75- to 1985-86 Growth Rate (%). (LogY= a+b.time).									
	3.0	5.8	2.8	1.2	4.2	2.9	2.1	5.3	3.2

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 61. BARLEY HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN PISHIN DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	821	349	425.1	299	113	377.9	1120	462	412.5
1975-76	247	113	457.5	0	0	0.0	247	113	457.5
1976-77	202	109	539.6	0	0	0.0	202	109	539.6
1977-78	550	394	716.4	79	28	354.4	629	422	670.9
1978-79	621	540	869.6	251	60	239.0	872	600	688.1
1979-80	2104	1860	884.0	989	250	252.8	3093	2110	682.2
1980-81	813	740	910.2	89	30	337.1	902	770	853.7
1981-82	692	630	910.4	251	100	398.4	943	730	774.1
1982-83	822	750	912.4	171	90	526.3	993	840	845.9
1983-84	826	770	932.2	172	92	534.9	998	862	863.7
1984-85	600	566	943.3	120	64	533.3	720	630	875.0
1985-86	650	620	953.8	125	67	536.0	775	687	886.5
1974-75 to 1985-86:									
Mean	745.7	620.1	787.9	0.0	0.0	0.0	957.8	694.6	712.5
STD	456.3	432.4	191.8	0.0	0.0	0.0	699.6	490.1	160.5
1976-77 to 1985-86:									
Mean	788.0	697.9	857.2	0.0	0.0	0.0	1012.7	776.0	768.0
STD	471.9	430.4	123.6	0.0	0.0	0.0	728.8	492.3	111.1
1981-82 to 1985-86:									
Mean	718.0	667.2	930.4	167.8	82.6	505.8	885.8	749.8	849.0
STD	91.3	79.1	17.0	47.0	14.4	53.8	115.9	88.8	39.8
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	2.5	3.5	1.0	-	-	-	3.4	4.2	0.8

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 62. FODDER HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN PISHIN DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	160	7520	47000.0	0	0	0.0	160	7520	47000.0
1975-76	10	710	71000.0	0	0	0.0	10	710	71000.0
1976-77	30	1730	57666.7	0	0	0.0	30	1730	57666.7
1977-78	40	2060	51500.0	0	0	0.0	40	2060	51500.0
1978-79	130	6800	52307.7	0	0	0.0	130	6800	52307.7
1979-80	170	8700	51176.5	0	0	0.0	170	8700	51176.5
1980-81	950	27540	28989.5	90	1750	19444.4	1040	29290	28163.5
1981-82	699	25310	36208.9	1174	23180	19744.5	1873	48490	25888.9
1982-83	693	25450	36724.4	1012	20100	19861.7	1705	45550	26715.9
1983-84	716	26080	36424.6	971	18950	19516.0	1687	45030	26692.4
1984-85	566	22940	40530.0	80	1580	19750.0	646	24520	37956.7
1985-86	658	21200	32218.8	50	750	15000.0	708	21950	31002.8
1974-75 to 1985-86:									
Mean	401.8	14670.0	45145.6	0.0	0.0	0.0	683.3	20195.8	42255.9
STD	325.8	10433.6	11665.4	0.0	0.0	0.0	691.2	17527.3	14281.7
1976-77 to 1985-86:									
Mean	465.2	16781.0	42374.7	0.0	0.0	0.0	802.9	23412.0	38907.1
STD	319.6	10078.4	9403.8	0.0	0.0	0.0	697.4	17443.2	12193.1
1981-82 to 1985-86:									
Mean	666.4	24196.0	36421.3	657.4	12912.0	18774.4	1323.8	37108.0	29651.3
STD	53.6	1839.4	2633.6	488.5	9694.2	1890.6	532.4	11417.5	4524.0
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	14.4	12.0	-2.4	-	-	-	16.8	13.5	-3.3

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 63. CUMIN HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN PISHIN DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	0	0	0.0	0	0	0.0	0	0	0.0
1975-76	143	70	489.5	5	1	200.0	148	71	479.7
1976-77	0	0	0.0	17	4	235.3	17	4	235.3
1977-78	473	254	537.0	49	15	306.1	522	269	515.3
1978-79	484	270	557.9	65	22	338.5	549	292	531.9
1979-80	418	235	562.2	13	5	384.6	431	240	556.8
1980-81	522	297	569.0	69	27	391.3	591	324	548.2
1981-82	484	270	557.9	66	23	348.5	550	293	532.7
1982-83	566	320	565.4	81	29	356.0	647	349	539.4
1983-84	575	329	572.2	81	30	370.4	656	359	547.3
1984-85	600	343	571.7	24	9	375.0	624	352	564.1
1985-86	605	400	661.2	38	14	368.4	643	414	643.9
1974-75 to 1985-86:									
Mean	405.8	232.3	470.3	0.0	0.0	0.0	448.2	247.3	474.6
STD	216.1	128.8	213.5	0.0	0.0	0.0	237.2	136.5	170.6
1976-77 to 1985-86:									
Mean	472.7	271.8	515.4	0.0	0.0	0.0	523.0	289.6	521.5
STD	167.9	101.6	174.6	0.0	0.0	0.0	181.2	106.5	101.0
1981-82 to 1985-86:									
Mean	566.0	332.4	585.6	58.0	21.0	364.1	624.0	353.4	565.5
STD	43.5	41.8	38.1	23.1	8.3	9.6	38.4	38.4	40.6
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
-	-	-	-	-	-	-	-	-	-

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 64. WHEAT HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN ZHOB DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	3690	3310	897.0	5750	3350	582.6	9440	6660	705.5
1975-76	3840	3520	916.7	6480	3450	532.4	10320	6970	675.4
1976-77	3420	3430	1002.9	4230	2220	524.8	7650	5650	738.6
1977-78	4370	4620	1057.2	5570	3000	538.6	9940	7620	766.6
1978-79	3930	5200	1323.2	3680	2100	570.7	7610	7300	959.3
1979-80	4000	5400	1350.0	3500	1920	548.6	7500	7320	976.0
1980-81	3640	5300	1456.0	3530	1940	549.6	7170	7240	1009.8
1981-82	3850	5780	1501.3	3811	2290	600.9	7661	8070	1053.4
1982-83	3420	5780	1690.1	4510	2980	660.8	7930	8760	1104.7
1983-84	3300	5890	1784.8	3900	2745	703.8	7200	8635	1199.3
1984-85	4200	7610	1811.9	3250	2280	701.5	7450	9890	1327.5
1985-86	3060	4930	1611.1	2990	1700	568.6	6050	6630	1095.9
1974-75 to 1985-86:									
Mean	3726.7	5064.2	1366.9	4266.8	2497.9	590.2	7993.4	7562.1	967.7
STD	365.8	1180.5	318.4	1054.3	561.7	61.2	1200.6	1087.3	198.9
1976-77 to 1985-86:									
Mean	3719.0	5394.0	1458.9	3897.1	2317.5	596.8	7616.1	7711.5	1023.1
STD	398.8	1008.6	266.2	698.1	427.6	64.1	914.8	1131.3	170.2
1981-82 to 1985-86:									
Mean	3566.0	5998.0	1679.8	3692.2	2399.0	647.1	7258.2	8397.0	1156.1
STD	407.6	877.0	114.2	531.9	440.9	54.2	650.2	1062.7	98.1
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	-0.4	2.5	2.9	-2.3	-1.4	0.8	-1.4	1.1	2.3

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 65. BARLEY HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN ZHDB DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	112	70	625.0	1	0	0.0	113	70	619.5
1975-76	137	77	562.0	28	10	357.1	165	87	527.3
1976-77	87	55	632.2	0	0	0.0	87	55	632.2
1977-78	168	113	672.6	6	2	333.3	174	115	660.9
1978-79	229	150	655.0	3	1	333.3	232	151	650.9
1979-80	200	140	700.0	0	0	0.0	200	140	700.0
1980-81	144	110	763.9	4	1	250.0	148	111	750.0
1981-82	146	115	787.7	5	2	400.0	151	117	774.8
1982-83	150	120	800.0	0	0	0.0	150	120	800.0
1983-84	93	75	806.5	14	7	500.0	107	82	766.4
1984-85	55	45	818.2	17	9	529.4	72	54	750.0
1985-86	52	43	826.9	21	11	523.8	73	54	739.7
1974-75 to 1985-86:									
Mean	131.1	92.8	720.8	0.0	0.0	0.0	139.3	96.3	697.6
STD	51.9	35.0	86.6	0.0	0.0	0.0	48.2	32.6	77.1
1976-77 to 1985-86:									
Mean	132.4	96.6	746.3	0.0	0.0	0.0	139.4	99.9	722.5
STD	56.5	37.2	70.1	0.0	0.0	0.0	51.5	34.4	54.8
1981-82 to 1985-86:									
Mean	99.2	79.6	807.8	11.4	5.8	390.6	110.6	85.4	766.2
STD	42.4	33.0	13.7	7.8	4.2	200.8	34.9	28.9	20.9
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	-2.8	-1.3	1.5	-	-	-	-0.8	1.2	-2.0

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 66. FODDER HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN ZHOB DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	230	10870	47260.9	30	250	8333.3	260	11120	42769.2
1975-76	130	5030	38692.3	0	0	0.0	130	5030	38692.3
1976-77	110	3880	35272.7	0	0	0.0	110	3880	35272.7
1977-78	170	7490	44058.8	30	790	26333.3	200	8280	41400.0
1978-79	170	7630	44882.4	30	820	27333.3	200	8450	42250.0
1979-80	40	1530	38250.0	0	0	0.0	40	1530	38250.0
1980-81	30	1500	50000.0	0	0	0.0	30	1500	50000.0
1981-82	42	2150	51190.5	0	0	0.0	42	2150	51190.5
1982-83	40	2170	54250.0	0	0	0.0	40	2170	54250.0
1983-84	32	1190	37187.5	11	250	22727.3	43	1440	33488.4
1984-85	33	1310	39697.0	15	340	22666.7	48	1650	34375.0
1985-86	54	1880	34814.8	5	100	20000.0	59	1980	33559.3
1974-75 to 1985-86:									
Mean	90.1	3885.8	42963.1	0.0	0.0	0.0	100.2	4098.3	41291.5
STD	66.6	3058.1	6311.2	0.0	0.0	0.0	76.2	3228.2	6865.4
1976-77 to 1985-86:									
Mean	72.1	3073.0	42960.4	0.0	0.0	0.0	81.2	3303.0	41403.6
STD	53.7	2356.4	6642.7	0.0	0.0	0.0	63.0	2618.3	7460.2
1981-82 to 1985-86:									
Mean	40.2	1740.0	43428.0	0.0	0.0	0.0	46.4	1878.0	41372.6
STD	7.9	414.7	7802.9	0.0	0.0	0.0	6.8	287.6	9320.9
1974-75- to 1985-86 Growth Rate (%), (LogY= a+b.time).									
	-8.6	-9.1	-0.6	-	-	-	-7.5	-8.2	-0.7

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 67. CUMIN HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN ZHOB DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	19	8	421.1	0	0	0.0	19	8	421.1
1975-76	0	0	0.0	0	0	0.0	0	0	0.0
1976-77	0	0	0.0	22	6	272.7	22	6	272.7
1977-78	0	0	0.0	7	2	285.7	7	2	285.7
1978-79	0	0	0.0	5	1	200.0	5	1	200.0
1979-80	0	0	0.0	5	1	200.0	5	1	200.0
1980-81	0	0	0.0	5	1	200.0	5	1	200.0
1981-82	15	8	533.3	0	0	0.0	15	8	533.3
1982-83	1	0	0.0	8	3	375.0	9	3	333.3
1983-84	12	6	500.0	49	18	367.3	61	24	393.4
1984-85	10	5	500.0	40	15	375.0	50	20	400.0
1985-86	34	15	441.2	26	8	307.7	60	23	383.3
1974-75 to 1985-86:									
Mean	0.0	0.0	0.0	0.0	0.0	0.0	21.5	8.1	301.9
STD	0.0	0.0	0.0	0.0	0.0	0.0	21.5	8.7	134.4
1976-77 to 1985-86:									
Mean	0.0	0.0	0.0	16.7	5.5	258.3	23.9	8.9	320.2
STD	0.0	0.0	0.0	16.0	6.0	109.3	22.4	9.1	104.0
1981-82 to 1985-86:									
Mean	14.4	0.0	394.9	24.6	8.8	285.0	39.0	15.6	408.7
STD	10.9	0.0	199.7	18.5	6.9	144.7	22.5	8.5	66.6
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
-	-	-	-	-	-	-	-	-	-

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 68. SORGHUM HECTARAGE, PRODUCTION AND YIELD UNDER IRRIGATED AND RAINFED CONDITIONS IN ZHOB DISTRICT.

YEAR	IRRIGATED			RAINFED			TOTAL		
	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD	HECTARES	PRODUCTION	YIELD
	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha	ha	Tonnes	Kg/ha
1974-75	10	10	1000.0	80	30	375.0	90	40	444.4
1975-76	20	20	1000.0	50	20	400.0	70	40	571.4
1976-77	20	10	500.0	10	10	1000.0	30	20	666.7
1977-78	30	20	666.7	0	0	0.0	30	20	666.7
1978-79	20	10	500.0	0	0	0.0	20	10	500.0
1979-80	20	20	1000.0	10	0	0.0	30	20	666.7
1980-81	10	10	1000.0	10	0	0.0	20	10	500.0
1981-82	14	9	642.9	7	3	428.6	21	12	571.4
1982-83	15	10	666.7	10	5	500.0	25	15	600.0
1983-84	26	17	653.8	14	7	500.0	40	24	600.0
1984-85	28	18	642.9	20	10	500.0	48	28	583.3
1985-86	20	13	650.0	16	8	500.0	36	21	583.3
1974-75 to 1985-86:									
Mean	19.4	13.9	743.6	0.0	0.0	0.0	38.3	21.7	579.5
STD	6.2	4.5	189.4	0.0	0.0	0.0	20.7	9.7	67.5
1976-77 to 1985-86:									
Mean	20.3	13.7	692.3	0.0	0.0	0.0	30.0	18.0	593.8
STD	6.0	4.3	165.2	0.0	0.0	0.0	8.8	5.7	58.6
1981-82 to 1985-86:									
Mean	20.6	13.4	651.2	13.4	6.6	485.7	34.0	20.0	587.6
STD	5.6	3.6	8.8	4.5	2.4	28.6	9.9	5.8	11.0
1974-75- to 1985-86 Growth Rate (%) , (LogY= a+b.time).									
	1.1	0.2	-0.9	-	-	-	-1.9	-1.6	0.3

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 69. PERCENTAGE AREA IRRIGATED UNDER HIGH YIELDING WHEAT VARIETIES, BALUCHISTAN AND DISTRICTS.

YEAR	BALUCHISTAN	UPLAND BALUCHISTAN		KACHHI	KALAT	KHUZDAR	LORALAI	QUETTA	PISHIN	ZHI
		BALUCHISTAN	KACHHI							
1974-75	24	-	16	-	2	3	-	-	-	-
1975-76	40	9	25	4	8	6	10	2	1	1
1976-77	43	18	45	9	35	14	6	6	6	7
1977-78	39	19	45	12	43	16	17	12	12	12
1978-79	70	57	66	33	93	67	37	60	51	51
1979-80	66	50	49	29	59	72	42	57	50	50
1980-81	69	58	47	95	71	84	51	45	51	51
1981-82	85	58	53	74	82	86	77	56	57	57
1982-83	77	64	50	65	53	83	70	64	62	62
1983-84	95	87	93	83	83	100	85	79	91	91
1984-85	91	80	61	92	64	100	83	76	80	80
1985-86	90	68	100	98	60	68	48	94	86	86

Source: Government Of Baluchistan, Agricultural Statistics Of Baluchistan, Directorate General Of Agriculture Department Baluchistan, Statistics Wing, Quetta.

TABLE 70. PERCENTAGE IRRIGATED AREA UNDER IRRI RICE VARIETIES, BALUCHISTAN AND DISTRICTS.

YEAR	BALUCHISTAN	SIBI	NASIRABAD	KACHHI	LASBELA	TURBAT
1974-75	91	-	95	60	-	-
1975-76	39	32	39	60	100	-
1976-77	72	2	75	60	-	-
1977-78	22	25	21	-	100	91
1978-79	59	29	60	-	-	83
1979-80	60	38	61	-	-	88
1980-81	74	32	76	-	-	80
1981-82	97	21	99	76	-	100
1982-83	98	39	98	65	-	100
1983-84	90	35	92	-	-	67
1984-85	64	38	64	62	-	68
1985-86	60	42	61	64	-	67

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 71. FERTILIZER CONSUMPTION, BALUCHISTAN, QUARTERLY, 1985-1988.

	Urea Exon	Urea FFC	Kissan Urea	CaN	NP	AS	SSP	SOP	DAP	TSP	NPK 13-13-21	NPK 10-20-20
Tonnes												
1985												
1st Quarter	80	2260	1390	400	430	30	10	10	100	-	-	-
2nd Quarter	60	1142	1600	400	440	10	20	41	60	15	-	-
3rd Quarter	440	2589	2630	510	499	60	10	32	385	26	-	-
4th Quarter	310	1060	340	70	600	30	-	10	540	-	20	-
Total	890	7051	5960	1380	1969	130	40	93	1085	41	20	-
1986												
1st Quarter	160	1300	1090	380	560	120	20	30	70	-	-	84
2nd Quarter	150	1760	1020	200	450	110	10	10	40	-	-	-
3rd Quarter	970	4160	3665	239	450	169	-	30	769	-	-	-
4th Quarter	240	1115	710	70	920	10	-	-	906	-	20	-
Total	1520	8335	6485	889	2380	409	30	70	1785	-	20	84
1987												
1st Quarter	80	1641	3223	250	870	60	10	18	356	-	96	-
2nd Quarter	70	1260	2920	190	1034	80	30	-	117	-	-	-
3rd Quarter	170	1970	3227	190	615	71	-	-	812	10	-	-
4th Quarter	120	1460	1070	180	1094	10	-	-	633	30	61	10
Total	440	6331	10440	810	3613	221	40	18	1918	40	157	10
1988												
1st Quarter	60	2410	2090	280	1002	120	30	60	310	202	-	-
2nd Quarter *	10	800	1814	140	704	42	-	-	70	74	-	-
Total	70	3210	3904	420	1706	162	30	60	380	276	-	-

Source: Regional Office , National Fertilizer Corporation (NFC) Quetta. (Unpublished)

* Months of April and May only.

TABLE 72. NUMBER OF TUBEWELLS BY TYPE AND OWNERSHIP IN BALUCHISTAN.

YEAR	GOVT.			PRIVATE			TOTAL		
	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL
1974-75	25	48	73	1454	2808	4262	1479	2856	4335
1975-76	25	50	75	1638	2993	4631	1663	3043	4706
1976-77	25	50	75	1783	3080	4863	1808	3130	4938
1977-78	25	50	75	1889	3254	5143	1914	3304	5218
1978-79	67	64	131	2490	3464	5954	2557	3528	6085
1979-80	70	61	131	2840	3631	6471	2910	3692	6602
1980-81	70	61	131	3240	3793	7033	3310	3854	7164
1981-82	70	61	131	3560	3893	7453	3630	3954	7584
1982-83	100	58	158	4208	3483	7691	4308	3541	7849
1983-84	55	74	129	4598	3399	7997	4653	3473	8126
1984-85	102	76	178	4703	3187	7890	4805	3263	8068
1985-86	121	94	215	4629	3323	7952	4750	3417	8167

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 73. NUMBER OF TUBEWELLS BY TYPE AND OWNERSHIP IN UPLAND BALUCHISTAN.*

YEAR	GOVT.			PRIVATE			TOTAL		
	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL
1974-75	19	27	46	1448	1928	3376	1467	1955	3422
1975-76	19	28	47	1632	2128	3760	1651	2156	3807
1976-77	19	28	47	1776	2193	3969	1795	2221	4016
1977-78	19	28	47	1851	2310	4161	1870	2338	4208
1978-79	59	38	97	2469	2389	4858	2528	2427	4955
1979-80	62	35	97	2817	2467	5284	2879	2502	5381
1980-81	62	35	97	3215	2578	5793	3277	2613	5890
1981-82	62	35	97	3533	2639	6172	3595	2674	6269
1982-83	91	22	113	4158	2150	6308	4249	2172	6421
1983-84	34	39	73	4542	2081	6623	4576	2120	6696
1984-85	36	42	78	4560	2051	6611	4596	2093	6689
1985-86	38	42	80	4585	2304	6889	4623	2346	6969

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Upland Baluchistan Includes Data From The Districts Of Quetta , Khuzdar , Kalat , Kachhi , Zhob, Loralai And Pishin.

TABLE 74. NUMBER OF TUBEWELLS BY TYPE AND OWNERSHIP IN KACHHI DISTRICT.

YEAR	GOVT.			PRIVATE			TOTAL		
	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL
1974-75	1	0	1	4	19	23	5	19	24
1975-76	1	0	1	7	22	29	8	22	30
1976-77	1	0	1	7	25	32	8	25	33
1977-78	1	0	1	7	30	37	8	30	38
1978-79	2	0	2	8	31	39	10	31	41
1979-80	2	0	2	8	33	41	10	33	43
1980-81	2	0	2	8	35	43	10	35	45
1981-82	2	0	2	8	37	45	10	37	47
1982-83	2	1	3	14	33	47	16	34	50
1983-84	2	2	4	14	34	48	16	36	52
1984-85	1	7	8	17	40	57	18	47	65
1985-86	1	7	8	17	40	57	18	47	65

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 75. NUMBER OF TUBEWELLS BY TYPE AND OWNERSHIP IN KALAT DISTRICT.

YEAR	GOVT.			PRIVATE			TOTAL		
	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL
1974-75	10	3	13	669	887	1556	679	890	1569
1975-76	10	3	13	766	981	1747	776	984	1760
1976-77	10	3	13	870	1010	1880	880	1013	1893
1977-78	10	3	13	901	1050	1951	911	1053	1964
1978-79	10	13	23	1087	1065	2152	1097	1078	2175
1979-80	10	13	23	1228	1100	2328	1238	1113	2351
1980-81	10	13	23	1388	1130	2518	1398	1143	2541
1981-82	10	13	23	1515	1146	2661	1525	1159	2684
1982-83	38	0	38	2204	731	2935	2242	731	2973
1983-84	7	16	23	2480	740	3220	2487	756	3243
1984-85	7	16	23	2480	740	3220	2487	756	3243
1985-86	7	16	23	2480	740	3220	2487	756	3243

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 76. NUMBER OF TUBEWELLS BY TYPE AND OWNERSHIP IN KHUZDAR DISTRICT.

YEAR	GOVT.			PRIVATE			TOTAL		
	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL
1974-75	2	6	8	0	112	112	2	118	120
1975-76	2	7	9	0	127	127	2	134	136
1976-77	2	7	9	0	135	135	2	142	144
1977-78	2	7	9	0	140	140	2	147	149
1978-79	2	7	9	0	168	168	2	175	177
1979-80	2	7	9	0	196	196	2	203	205
1980-81	2	7	9	0	226	226	2	233	235
1981-82	2	7	9	0	243	243	2	250	252
1982-83	2	5	7	0	165	165	2	170	172
1983-84	3	5	8	0	205	205	3	210	213
1984-85	3	5	8	0	205	205	3	210	213
1985-86	3	5	8	5	315	320	8	320	320

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 77. NUMBER OF TUBEWELLS BY TYPE AND OWNERSHIP IN LORALAI DISTRICT.

YEAR	GOVT.			PRIVATE			TOTAL		
	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL
1974-75	1	8	9	17	215	232	18	223	241
1975-76	1	8	9	17	230	247	18	238	256
1976-77	1	8	9	17	240	257	18	248	266
1977-78	1	8	9	18	250	268	19	258	277
1978-79	2	8	10	25	255	280	27	263	290
1979-80	2	8	10	31	270	301	33	278	311
1980-81	2	8	10	38	277	315	40	285	325
1981-82	2	8	10	44	281	325	46	289	335
1982-83	2	8	10	44	281	325	46	289	335
1983-84	2	8	10	44	281	325	46	289	335
1984-85	0	2	2	44	250	294	44	252	296
1985-86	0	2	2	50	244	294	50	246	296

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 78. NUMBER OF TUBEWELLS BY TYPE AND OWNERSHIP IN QUETTA DISTRICT.

YEAR	GOVT.			PRIVATE			TOTAL		
	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL
1974-75	4	1	5	441	124	565	445	125	570
1975-76	4	1	5	495	125	620	499	126	625
1976-77	4	1	5	522	128	650	526	129	655
1977-78	4	1	5	515	138	653	519	139	658
1978-79	40	1	41	632	140	772	672	141	813
1979-80	41	0	41	750	80	830	791	80	871
1980-81	41	0	41	881	82	963	922	82	1004
1981-82	41	0	41	986	83	1069	1027	83	1110
1982-83	41	0	41	986	83	1069	1027	83	1110
1983-84	12	0	12	1060	0	1060	1072	0	1072
1984-85	19	0	19	1060	0	1060	1079	0	1079
1985-86	19	0	19	1060	0	1060	1079	0	1079

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 79. NUMBER OF TUBEWELLS BY TYPE AND OWNERSHIP IN PISHIN DISTRICT.

YEAR	GOVT.			PRIVATE			TOTAL		
	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL
1974-75	1	4	5	317	337	654	318	341	659
1975-76	1	4	5	347	340	687	348	344	692
1976-77	1	4	5	360	342	702	361	346	707
1977-78	1	4	5	410	382	792	411	386	797
1978-79	1	4	5	717	390	1107	718	394	1112
1979-80	3	2	5	800	408	1208	803	410	1213
1980-81	3	2	5	900	418	1318	903	420	1323
1981-82	3	2	5	980	422	1402	983	424	1407
1982-83	4	3	7	910	430	1340	914	433	1347
1983-84	5	3	8	915	431	1346	920	434	1354
1984-85	5	5	10	920	466	1386	925	471	1396
1985-86	7	5	12	927	622	1549	934	627	1561

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 80. NUMBER OF TUBEWELLS BY TYPE AND OWNERSHIP IN ZHOB DISTRICT.

YEAR	GOVT.			PRIVATE			TOTAL		
	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL	ELECTRIC	DIESEL	TOTAL
1974-75	0	5	5	0	288	288	0	293	293
1975-76	0	5	5	0	303	303	0	308	308
1976-77	0	5	5	0	313	313	0	318	318
1977-78	0	5	5	0	320	320	0	325	325
1978-79	2	5	7	0	340	340	2	345	347
1979-80	2	5	7	0	380	380	2	385	387
1980-81	2	5	7	0	410	410	2	415	417
1981-82	2	5	7	0	427	427	2	432	434
1982-83	2	5	7	0	427	427	2	432	434
1983-84	3	5	8	29	390	419	32	395	427
1984-85	1	7	8	39	350	389	40	357	397
1985-86	1	7	8	46	343	389	47	350	397

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

TABLE 81. NUMBER OF TRACTORS, THRESHERS AND BULLDOZERS IN BALUCHISTAN.

YEAR	TRACTORS			THRESHERS			BULLDOZERS *		
	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL
1974-75	194	502	696	0	0	0	231	0	231
1975-76	200	603	803	0	0	0	231	0	231
1976-77	200	705	905	0	0	0	231	0	231
1977-78	200	793	993	0	0	0	231	0	231
1978-79	200	868	1068	0	0	0	207	0	207
1979-80	203	956	1159	0	0	0	179	0	179
1980-81	203	1056	1259	0	0	0	219	0	219
1981-82	27	1174	1201	0	0	0	209	0	209
1982-83	49	1860	1909	0	0	0	209	2	211
1983-84	88	2335	2423	0	0	0	321	0	321
1984-85	142	2657	2799	0	0	0	308	4	312
1985-86	189	2952	3141	19	137	156	261	0	261

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Directorate of Agricultural Engineering Department, Baluchistan, (Unpublished).

TABLE 82. NUMBER OF TRACTORS THRESHERS AND BULLDOZERS IN UPLAND BALUCHISTAN.*

YEAR	TRACTORS			THRESHERS			BULLDOZERS		
	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL
1974-75	114	347	0	0	0	0	114	0	114
1975-76	114	383	0	0	0	0	114	0	114
1976-77	114	433	0	0	0	0	115	0	115
1977-78	114	478	0	0	0	0	110	0	110
1978-79	114	520	0	0	0	0	105	0	105
1979-80	103	584	0	0	0	0	90	0	90
1980-81	103	644	0	0	0	0	110	0	110
1981-82	16	714	0	0	0	0	103	0	103
1982-83	30	1040	0	0	0	0	103	0	103
1983-84	65	1234	0	0	0	0	159	0	159
1984-85	81	1431	0	0	0	0	152	2	154
1985-86	83	1454	13	8	21	29	131	0	131

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta, Directorate Of Agricultural Engineering Department, Government Of Baluchistan, (Unpublished).

* Upland Baluchistan Includes Data From The Districts Of Quetta , Khuzdar , Pishin , Kalat , Loralai, Kachhi And Zhob.

TABLE 83. NUMBER OF TRACTORS THRESHERS AND BULLDOZERS IN KACHHI DISTRICT.

YEAR	TRACTORS			THRESHERS			BULLDOZERS *		
	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL
1974-75	16	10	26	0	0	0	21	0	21
1975-76	16	10	26	0	0	0	21	0	21
1976-77	16	12	28	0	0	0	20	0	20
1977-78	16	14	30	0	0	0	21	0	21
1978-79	16	15	31	0	0	0	13	0	13
1979-80	14	20	34	0	0	0	13	0	13
1980-81	14	22	36	0	0	0	18	0	18
1981-82	2	25	27	0	0	0	16	25	41
1982-83	2	16	18	0	0	0	16	0	16
1983-84	3	24	27	0	0	0	23	0	23
1984-85	7	55	62	0	0	0	19	0	19
1985-86	8	61	69	2	0	2	19	0	19

Source: Government of Baluchistan, Agriculture statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

*Directorate of Agricultural Engineering Department, Baluchistan, (Unpublished).

TABLE 84. NUMBER OF TRACTORS THRESHERS AND BULLDOZERS IN KALAT DISTRICT.

YEAR	TRACTORS			THRESHERS			BULLDOZERS *		
	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL
1974-75	18	30	48	0	0	0	10	0	10
1975-76	18	34	52	0	0	0	10	0	10
1976-77	18	37	55	0	0	0	10	0	10
1977-78	18	41	59	0	0	0	10	0	10
1978-79	18	45	63	0	0	0	9	0	9
1979-80	11	50	61	0	0	0	10	0	10
1980-81	11	55	66	0	0	0	10	0	10
1981-82	3	62	65	0	0	0	10	0	10
1982-83	5	152	157	0	0	0	10	0	10
1983-84	30	168	198	0	0	0	22	0	22
1984-85	30	180	210	0	0	0	22	0	22
1985-86	32	190	222	1	1	2	19	0	19

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Directorate of Agricultural Engineering Department, Baluchistan, (Unpublished).

TABLE 85. NUMBER OF TRACTORS THRESHERS AND BULLDOZERS IN KHUZDAR DISTRICT.

YEAR	TRACTORS			THRESHERS			BULLDOZERS *		
	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL
1974-75	32	8	40	0	0	0	11	0	11
1975-76	32	14	46	0	0	0	11	0	11
1976-77	32	12	44	0	0	0	13	0	13
1977-78	32	13	45	0	0	0	13	0	13
1978-79	32	14	46	0	0	0	12	0	12
1979-80	10	18	28	0	0	0	10	0	10
1980-81	10	19	29	0	0	0	18	0	18
1981-82	0	21	21	0	0	0	17	0	17
1982-83	3	94	97	0	0	0	17	0	17
1983-84	7	116	123	0	0	0	28	0	28
1984-85	7	128	135	0	0	0	27	0	27
1985-86	7	123	130	1	1	2	24	0	24

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Directorate of Agricultural Engineering Department, Baluchistan, (Unpublished)

TABLE 86. NUMBER OF TRACTORS THRESHERS AND BULLDOZERS IN LORALAI DISTRICT.

YEAR	TRACTORS			THRESHERS			BULLDOZERS *		
	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL
1974-75	16	44	60	0	0	0	27	0	27
1975-76	16	50	66	0	0	0	27	0	27
1976-77	16	60	76	0	0	0	26	0	26
1977-78	16	69	85	0	0	0	27	0	27
1978-79	16	77	93	0	0	0	21	0	21
1979-80	21	82	103	0	0	0	17	0	17
1980-81	21	94	115	0	0	0	19	0	19
1981-82	2	108	110	0	0	0	19	0	19
1982-83	2	108	110	0	0	0	19	0	19
1983-84	0	200	200	0	0	0	26	0	26
1984-85	4	210	214	0	0	0	26	0	26
1985-86	0	128	128	1	0	1	22	0	22

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Directorate of Agricultural Engineering Department, Baluchistan, (Unpublished).

TABLE 87. NUMBER OF TRACTORS THRESHERS AND BULLDOZERS IN QUETTA DISTRICT.

YEAR	TRACTORS			THRESHERS			BULLDOZERS *		
	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL
1974-75	9	10	19	0	0	0	13	0	13
1975-76	9	13	22	0	0	0	13	0	13
1976-77	9	13	22	0	0	0	13	0	13
1977-78	9	16	25	0	0	0	13	0	13
1978-79	9	18	27	0	0	0	16	0	16
1979-80	18	24	42	0	0	0	11	0	11
1980-81	18	30	48	0	0	0	12	0	12
1981-82	8	44	52	0	0	0	9	0	9
1982-83	6	68	74	0	0	0	9	0	9
1983-84	6	68	74	0	0	0	13	0	13
1984-85	8	112	120	0	0	0	12	0	12
1985-86	8	112	120	1	2	3	10	0	10

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Directorate of Agricultural Department, Baluchistan, (Unpublished).

TABLE 8B. NUMBER OF TRACTORS THRESHERS AND BULLDOZERS IN PISHIN DISTRICT.

YEAR	TRACTORS			THRESHERS			BULLDOZERS *		
	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL
1974-75	9	196	205	0	0	0	14	0	14
1975-76	9	208	217	0	0	0	14	0	14
1976-77	9	238	247	0	0	0	15	0	15
1977-78	9	258	267	0	0	0	14	0	14
1978-79	9	278	287	0	0	0	19	0	19
1979-80	16	310	326	0	0	0	17	0	17
1980-81	16	337	353	0	0	0	19	0	19
1981-82	0	357	357	0	0	0	18	0	18
1982-83	11	505	516	0	0	0	18	0	18
1983-84	11	513	524	0	0	0	26	0	26
1984-85	13	550	563	0	0	0	26	2	28
1985-86	16	644	660	6	4	10	20	0	20

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Directorate of Agricultural Engineering Department, Baluchistan, (Unpublished).

TABLE 89. NUMBER OF TRACTORS THRESHERS AND BULLDOZERS IN ZHOB DISTRICT.

YEAR	TRACTORS			THRESHERS			BULLDOZERS *		
	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL	GOVERNMENT	PRIVATE	TOTAL
1974-75	14	49	63	0	0	0	18	0	18
1975-76	14	54	68	0	0	0	18	0	18
1976-77	14	61	75	0	0	0	18	0	18
1977-78	14	67	81	0	0	0	18	0	18
1978-79	14	73	87	0	0	0	17	0	17
1979-80	13	80	93	0	0	0	12	0	12
1980-81	13	87	100	0	0	0	14	0	14
1981-82	1	97	98	0	0	0	14	0	14
1982-83	1	97	98	0	0	0	14	0	14
1983-84	8	145	153	0	0	0	21	0	21
1984-85	12	196	208	0	0	0	20	0	20
1985-86	12	196	208	1	0	1	17	0	17

Source: Government of Baluchistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department, Baluchistan, Statistics Wing, Quetta.

* Directorate of Agricultural Engineering Department, Baluchistan, (Unpublished).

TABLE 90. SHEEP AND GOAT NUMBERS, PAKISTAN AND BALUCHISTAN, CENSUS YEARS.

YEAR	SHEEP			GOATS			RATIO	
			ZBALUCH			ZBALUCH	SHEEP/GOATS	
	PAK.	BALUCH.	OF PAK.	PAK.	BALUCH.	OF PAK.	PAK.	BALUCH.
----- MILLIONS-----								
1955	8.1	1.2	14.8	7.6	0.7	9.2	1.07	1.71
1960	12.4	2.6	21.0	10.0	1.6	16.0	1.24	1.63
1972	13.7	3.9	28.5	15.6	3.2	20.5	0.88	1.22
1976	18.9	5.1	27.0	21.7	4.4	20.3	0.87	1.16
1986 P	23.3	11.1	47.6	29.9	7.3	24.4	0.78	1.52
% Growth Rate (Geometric), 1955 - 1986.								
	3.4	7.2	-	4.4	7.6	-	-	-

Source: Government of Pakistan, Agricultural Statistics of Pakistan, Ministry of Food, Agriculture and Co-operatives, Islamabad.

P: Preliminary Report Pakistan Census of Livestock 1986, Agricultural Census Organization Statistics Division, Government of Pakistan, Lahore.

TABLE 91. CAMELS, BUFFALOES AND POULTRY NUMBERS, PAKISTAN AND BALUCHISTAN, CENSUS YEARS.

YEAR	CAMELS			BUFFALOES			POULTRY		
	ZBALUCH			ZBALUCH			ZBALUCH		
	PAK.	BALUCH.	OF PAK.	PAK.	BALUCH.	OF PAK.	PAK.	BALUCH.	OF PAK.
- MILLIONS -									
1955	0.72	0.07	0.10	5.95	0.03	0.005	8.72	0.28	0.032
1960	0.49	0.09	0.18	8.16	0.03	0.004	12.44	0.45	0.036
1972	0.73	0.19	0.26	9.75	0.02	0.002	17.72	1.18	0.067
1976	0.79	0.21	0.27	0.01	0.03	3.000	32.03	1.96	0.061
1986 P	N.A.	N.A.	N.A.	15.7	0.06	0.38	N.A.	N.A.	N.A.

Source: Government of Pakistan, Agricultural Statistics of Pakistan, Ministry of Food, Agriculture and Co-operatives, Islamabad.

P: Preliminary Report Pakistan Census of Livestock 1986, Agricultural Census Organization Statistics Division, Government of Pakistan, Lahore.

TABLE 92. SHEEP NUMBERS, UPLAND BALUCHISTAN, DISTRICTS, CENSUS YEARS.

YEAR	UPLAND BALUCHISTAN	KACHHI *	KALAT	KHUZDAR **	LORALAI	PISHIN **	QUETTA	ZHOB
1960	1583200	-	344480	-	495580	-	110360	632780
1972	2500932	153560	630813	-	541412	-	553370	621777
1976	3639681	102096	938060	986560	716011	257520	96879	542555
1986 P	7139689	48309	1219872	2651844	113216	749702	90272	1243474

Source: Pakistan Census of Livestock, Agricultural Census Organization, Government of Pakistan,
Lahore.

* Prior to 1964, Kachhi was part of Kalat District.

** Prior to 1970, Khuzdar was part of Kalat District and Pishin was part of Quetta District.

P: Preliminary Report Pakistan Census of Livestock 1986, Agricultural Census Organization
Statistics Division, Government of Pakistan, Lahore.

TABLE 93. GOAT NUMBERS, UPLAND BALUCHISTAN DISTRICTS, CENSUS YEARS.

YEAR	UPLAND BALUCHISTAN	KACHHI *	KALAT	KHUZDAR **	LORALAI	PISHIN **	QUETTA	ZHOB
1960	780250	-	273480	-	142790	-	201400	162580
1972	1642786	238847	499056	-	227586	-	355840	321457
1976	2863075	257139	826363	837083	364314	272768	59043	246365
1986 P	4093000	165542	638692	2048768	297450	560636	47083	334829

Source: Pakistan Census of Livestock, Agricultural Census Organization, Government of Pakistan,
Lahore.

* Prior to 1964, Kachhi was part of Kalat District.

** Prior to 1970, Khuzdar was part of Kalat District and Pishin was part of Quetta District.

P: Preliminary Report Pakistan Census of Livestock 1986, Agricultural Census Organization
Statistics Division, Government of Pakistan, Lahore.

TABLE 94. CAMEL NUMBERS, UPLAND BALUCHISTAN DISTRICTS, CENSUS YEARS.

YEAR	UPLAND BALUCHISTAN	KACHHI	KALAT	KHUZDAR *	LORALAI	PISHIN *	QUETTA	ZHOB
1972	82301	22043	23102	-	5907	-	10153	13096
1976	88939	12179	28410	28646	8555	4325	666	6158

Source: Pakistan Census of Livestock, Agricultural Census Organization, Government of Pakistan,
Lahore.

* Prior to 1970, Khuzdar was part of Kalat District and Pishin was part of Quetta District.

TABLE 95. BUFFALO NUMBERS, UPLAND BALUCHISTAN, DISTRICTS, CENSUS YEARS.

YEAR	UPLAND BALUCHISTAN	KACHHI *	KALAT	KHUZDAR **	LORALAI	PISHIN **	QUETTA	ZHOB
1960	20620	-	2260	-	1380	-	1860	15320
1972	14370	1508	6648	-	1444	-	4368	402
1976	11961	2289	33	18	287	941	8000	393
1986 P	15968	1552	213	827	2074	4305	5015	1982

Source: Pakistan Census of Livestock, Agricultural Census Organization, Government of Pakistan, Lahore.

* Prior to 1964, Kachhi was part of Kalat District.

** Prior to 1970, Khuzdar was part of Kalat District and Pishin was part of Quetta District.

P: Preliminary Report Pakistan Census of Livestock 1986, Agricultural Census Organization Statistics Division, Government of Pakistan, Lahore.

TABLE 96. POULTRY NUMBERS, UPLAND BALUCHISTAN, DISTRICTS, CENSUS YEARS.

YEAR	UPLAND BALUCHISTAN	KACHHI *	KALAT	KHUZDAR **	LORALAI	PISHIN **	QUETTA	ZHOB
1960	288090	-	129280	-	60870	-	56440	41500
1972	674596	139004	165066	-	124932	-	168361	77233
1976	1135088	159430	210878	264080	158609	176578	56076	106437

Source: Pakistan Census of Livestock, Agricultural Census Organization, Government of Pakistan,
Lahore.

* Prior to 1964, Kachhi was part of Kalat District.

** Prior to 1970, Khuzdar was part of Kalat District and Pishin was part of Quetta District.

TABLE 97. AREA AFFORESTED BY DISTRICT, 1980.

DISTRICT	BLOCK PLANTATION	ROADSIDE PLANTATION	CANALSIDER PLANTATION	SAND DUNE PLANTATION
	Hectares	Avenue miles	Avenue miles	Hectares
Quetta	218	33	-	-
Nasirabad	121	60	894	-
Gamadur	-	-	-	439
Loralai	81	-	-	-
Kachhi	193	-	-	-
Lasbela	19	24	-	6
Pishin	20	18	-	-
Sibi	101	27	6	-
Chagai	-	-	-	2129
Kohlu	16	-	-	-
Khuzdar	1	28	-	-
Turbat	98	5.5	-	-
Total	868	195.5	900	2574

Source: Baluchistan Forest Department.

TABLE 9B. SUPPLY OF AGRICULTURAL CREDIT BY INSTITUTION IN BALUCHISTAN.

YEAR	ADB#	COMMERCIAL BANKS	TACCAVI** COOPERATIVES	
			(Rs. in millions)	
1974-75	11.17	N.A.	4.558	N.A.
1975-76	38.71	N.A.	4.951	N.A.
1976-77	24.01	N.A.	6.000	0.15
1977-78	1.69	N.A.	3.150	2.73
1978-79	4.39	N.A.	5.425	1.96
1979-80	4.39	18.45	5.509	13.90
1980-81	15.5	25.64	5.900	6.50
1981-82	27.16	24.38	6.790	N.A.
1982-83	57.73	21.55	9.640	N.A.
1983-84	68.16	40.70	N.A.	N.A.
1984-85	107.87	25.89	N.A.	N.A.
1985-86	114.41	N.A.	N.A.	N.A.

Source: Agriculture Statistics Of Pakistan, Government Of Pakistan,
Ministry Of Food, Agriculture And Cooperatives, Food And Agriculture
Division, (Planning Unit) Islamabad.

Agricultural Development Bank of Pakistan.

** Taccavi Loans= Land Improvement Loans Act 1883 Provides loans for
sinking of wells/tube wells and leveling and Agriculture Loan Act, 1958
Provides loans for purchase of bullocks, seeds, fertilizers, implements etc.

TABLE 99. LOANS DISBURSED BY AGRICULTURE DEVELOPMENT BANK OF PAKISTAN
BY TERM IN BALUCHISTAN.

YEAR	TOTAL	SHORT TERM	MEDIUM TERM	LONG TERM
(Rs.000)				
1974-75	11170	3010	2010	6150
1975-76	38710	1140	440	37190
1976-77	24010	200	260	23550
1977-78	1690	30	30	1630
1978-79	4390	140	120	4130
1979-80	4390	520	140	3710
1980-81	15500	2380	1100	12020
1981-82	27160	5470	3220	18470
1982-83	57730	9690	5310	42730
1983-84	68158	13029	7111	48018
1984-85	107866	22221	16165	69480
1985-86	114405	29643	21994	62786

Source: Bureau Of Statistics, Planning And Development Department,
Government Of Baluchistan.

TABLE 100. LOAN ADVANCED ACCORDING TO SIZE OF HOLDING BY AGRICULTURAL DEVELOPMENT BANK OF PAKISTAN IN BALUCHISTAN.

YEARS	LAND LESS		UPTO 5.06 HECTARES		OVER 5.06 TO 20.23 Ha		OVER 20.23 TO 40.47 Ha.		OVER 40.47 HECTARES	
	NUMBERS	AMOUNT	NUMBERS	AMOUNT	NUMBERS	AMOUNT	NUMBERS	AMOUNT	NUMBERS	AMOUNT
1974-75	225	300	76	670	1738	5400	134	3330	140	3470
1975-76	170	19500	44	190	400	1770	95	4370	66	3030
1976-77	107	21990	33	170	69	660	22	630	11	580
1977-78	10	1250	4	100	21	320	13	80	1	50
1978-79	N.A.	N.A.	57	3390	27	146	13	358	23	501
1979-80	1	6	42	967	85	1688	30	199	33	1530
1980-81	2	2200	29	545	204	4728	186	4434	145	3591
1981-82	70	9010	109	1873	465	9479	71	4656	25	2142
1982-83	249	11735	102	1307	946	24367	232	16977	27	3342
1983-84	171	4452	295	2805	985	27261	309	25209	114	8431
1984-85	258	2675	308	18366	1312	53902	395	19237	221	13688
1985-86	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Source: Agriculture Statistics Of Pakistan, Government Of Pakistan, Ministry Of Food, Agriculture And Cooperatives, Food and Agriculture Division, (Planning Unit) Islamabad.

TABLE 101. TACAYI LOANS UNDER BOTH 1883 AND 1958 ACTS, BY DIVISION, BALUCHISTAN.

YEAR	QUETTA DIVISION		KALAT DIVISION		SIBI DIVISION		MEKRAH DIVISION		TOTAL
	ACT, 1883*	ACT, 1958**	ACT, 1883	ACT, 1958	ACT, 1883	ACT, 1958	ACT, 1883	ACT, 1958	
	(Rs. 000)								
1974-75	910	1000	455	700	485	1000	0	0	4550
1975-76	875	319	908	116	644	2137	0	0	5000
1976-77	479	935	574	964	397	2631	0	0	5000
1977-78	480	630	260	380	310	640	200	300	3200
1978-79	840	608	770	200	560	2177	330	15	5500
1979-80	855	443	866	248	420	2430	200	30	5500
1980-81	400	950	1240	900	250	650	260	550	5200
1981-82	1530	415	1600	570	862	694	948	170	6780
1982-83	260	200	285	186	297	200	300	200	928

Source: Board Of Revenue, Government Of Baluchistan.

*Land Improvement Loans Act, 1883. Provides loans for sinking of wells/tubewells and leveling.

**Agriculture Loan Act, 1958. Provides loans for purchase of bullocks, seeds, fertilizers, implements etc.

TABLE 102. PROPORTION OF LAND HOUSEHOLDS REPORTING POSSESSION OF PASS BOOK**
BY SIZE OF AREA OWNED, BALUCHISTAN.

SIZE OF AREA OWNED	LAND OWNING HOUSEHOLDS		
	TOTAL	NUMBER	PERCENT OF TOTAL
OWNER HOUSEHOLDS - TOTAL	174737	12735	7
UNDER 0.5 HECTARE	2533	112	4
0.5 TO UNDER 1.0 HECTARES	5455	-	-
1.0 TO UNDER 2.0 HECTARES	13186	28	.2
2.0 TO UNDER 3.0 HECTARES	19749	481	2
3.0 TO UNDER 5.0 HECTARES	32589	1151	4
5.0 TO UNDER 10.0 HECTARES	44430	5318	12
10.0 TO UNDER 20.0 HECTARES	35725	4313	12
20.0 TO UNDER 60.0 HECTARES	16084	973	6
60.0 AND ABOVE HECTARES	4986	459	9

* PERCENTAGE LESS THAN 0.5

** PASS BOOK : It is a document which records land ownership. It can be used to obtain a loan from ADBP for agriculture purposes.

Source: Pakistan Rural Credit Survey, 1985 Agricultural Census Organization, Statistics Division, Government of Pakistan, Lahore.

TABLE 103. HOUSEHOLDS REPORTING AND AMOUNT OF LOAN OBTAINED DURING LAST 12 MONTHS FROM INSTITUTIONAL AND NON-INSTITUTIONAL SOURCES BY TYPE OF HOUSEHOLD, BALUCHISTAN.

TYPE OF HOUSEHOLD	ALL HOUSEHOLDS	HOUSEHOLDS REPORTING OBTAINING OF LOAN DURING LAST 12 MONTHS FROM									
		TOTAL		INSTITUTIONAL SOURCES			NON-INSTITUTIONAL SOURCES				
		NUMBER	AMOUNT OF LOAN	NUMBER	AMOUNT OF LOAN	NUMBER	AMOUNT OF LOAN	TOTAL	PERCENT	TOTAL	PERCENT
(RS THOUSAND)											
ALL HOUSEHOLDS	283823	53916	781891	N.A.	2286	138039	N.A.	52023	643853	N.A.	
NON-FARM HOUSEHOLDS	90837	6814	73560	N.A.	134	3551	N.A.	6814	70009	N.A.	
FARM HOUSEHOLD - TOTAL	192986	47102	708331	100	2152	134488	100	45209	573844	100	
UNDER 0.5 HECTARE	2396	427	10700	2	N.A.	N.A.	N.A.	427	10700		2
0.5 TO UNDER 1.0 Ha	5637	991	8335	1	N.A.	N.A.	N.A.	991	8335		1
1.0 TO UNDER 2.0 Ha	13661	2675	37489	5	N.A.	N.A.	N.A.	2675	37489		7
2.0 TO UNDER 3.0 Ha	20829	4190	40993	6	28	1960	1	4162	39033		7
3.0 TO UNDER 5.0 Ha	35706	9757	95574	13	318	7945	6	9440	87630		15
5.0 TO UNDER 10.0 Ha	50642	14699	185272	26	489	23279	17	14289	161993		28
10.0 TO UNDER 20.0 Ha	39908	9168	164900	23	594	32740	24	8630	132161		23
20.0 TO UNDER 60.0 Ha	19325	3919	96354	14	351	28819	21	3624	67535		12
60.0 AND ABOVE Ha	4882	1276	68714	10	372	39746	30	971	28969		5

Source: Pakistan Rural Credit Survey 1985, Agricultural Census Organization, Statistics Division, Government Of Pakistan
Lahore

TABLE 104. HOUSEHOLDS REPORTING AND TOTAL AMOUNT OF OUTSTANDING DEBT FROM INSTITUTIONAL AND NON-INSTITUTIONAL SOURCES BY TYPE OF HOUSEHOLD, BALUCHISTAN.

TYPE OF HOUSEHOLD	ALL HOUSEHOLDS	HOUSEHOLDS REPORTING OUTSTANDING DEBT FROM									
		TOTAL		INSTITUTIONAL SOURCES				NON-INSTITUTIONAL SOURCES			
		NUMBER	AMOUNT OF LOAN	NUMBER	AMOUNT OF LOAN	NUMBER	AMOUNT OF LOAN	NUMBER	AMOUNT OF LOAN	NUMBER	AMOUNT OF LOAN
(RS THOUSAND)											
ALL HOUSEHOLDS	283823	53849	854913	N.A.	3164	201699	N.A.	51181	653214	N.A.	
NON-FARM HOUSEHOLDS	90837	6758	73820	N.A.	170	3659	N.A.	6758	70161	N.A.	
FARM HOUSEHOLD - TOTAL	192986	47091	781093	100	2994	198040	100	44423	583053	100	
UNDER 0.5 HECTARE	2396	427	10700	1	-	-	-	427	10700		2
0.5 TO UNDER 1.0 Ha	5637	1031	8375	1	-	-	-	1031	8375		1
1.0 TO UNDER 2.0 Ha	13661	2675	41215	5	36	108	*	2675	41108		2
2.0 TO UNDER 3.0 Ha	20829	4350	44287	6	28	1960	1	4322	42327		7
3.0 TO UNDER 5.0 Ha	35706	9496	97460	12	318	7763	4	9179	89697		15
5.0 TO UNDER 10.0 Ha	50642	15003	208562	27	686	42939	22	14395	165623		28
10.0 TO UNDER 20.0 Ha	39908	9113	195954	25	1072	64184	32	8097	131770		23
20.0 TO UNDER 60.0 Ha	19325	3771	109933	14	482	42628	22	3377	67304		12
60.0 AND ABOVE Ha	4828	1225	64609	8	372	38458	19	920	26150		4

* PERCENTAGE LESS THAN 0.5

Source: Pakistan Rural Credit Survey 1985, Agricultural Census Organization, Statistics Division, Government Of Pakistan Lahore.

TABLE 105. AVERAGE WHOLE-SALE MARKET PRICES OF CROPS IN QUETTA MARKET.

CROPS	AVERAGE WHOLE-SALE MARKET PRICES RS./40 KGS.											
	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
Wheat	35.00	41.50	43.50	46.89	60.24	61.60	69.00	76.27	82.00	89.00	153.00	80.00
Barley	32.50	36.18	36.29	54.56	67.56	72.60	74.33	73.20	90.00	90.00	152.00	90.00
Rapeseed	45.00	54.00	52.50	60.05	77.71	81.50	69.10	62.50	80.00	107.00	240.00	200.00
Lentil	75.00	93.05	131.32	138.02	137.83	150.00	174.25	300.00	276.00	256.00	864.00	400.00
Graa	50.00	63.80	64.13	85.95	100.56	100.00	100.00	269.00	302.00	314.00	560.00	320.00
Cumin	350.00	275.88	265.58	501.33	689.03	600.00	600.00	386.67	450.00	450.00	1440.00	600.00
Fodder	8.00	8.00	10.00	10.00	12.00	14.70	25.38	26.14	30.00	30.00	48.00	30.00
Sorghum	27.50	45.62	46.80	47.70	48.92	65.40	75.00	81.71	89.00	90.00	152.00	90.00
Potatoes	50.15	37.70	55.13	59.07	66.86	63.75	71.33	97.58	64.00	89.00	144.00	80.00
Onion	13.50	39.11	57.42	48.72	52.06	75.00	44.08	59.00	47.00	67.00	112.00	40.00

Source: Government of Pakistan, Agricultural Statistics of Baluchistan, Directorate General of Agriculture Department Baluchistan, Statistics Wing, Quetta.

TABLE 106. POPULATION AND INTERCENSAL INCREASE, CENSUS YEARS.

DESCRIPTION	1951	1961	1972	1981
Population(in thousand)	1167	1350	2429	4332
Intercensal increase(per cent)	-	15.96	79.44	78.38
Average annual growth rate(per cent)	-	1.50	5.14	7.08

Source: 1981 Census Report Of Baluchistan Province. Population Census Organisation,
Statistics Division, Government Of Pakistan, Islamabad.

TABLE 107. AREA, POPULATION, DENSITY, AND HOUSEHOLD SIZE BY DISTRICT, 1980-B1.

DISTRICTS	Area Sq.Km.	Population		Population density Persons/Sq.Km.	Household Size
		Number	Per cent		
Quetta	2653	381566	8.81	143.8	7.7
Pishin	11112	378597	8.74	34.1	8.4
Loralai	19971	387898	8.95	20.3	7.9
Zhab	27129	361647	8.35	13.3	8.8
Kachhi	11114	305215	7.04	27.5	7.0
Kalat	12517	341193	7.88	27.3	6.9
Khuzdar	64891	396802	8.93	6.0	6.0
Total	148487	2542918	58.70	17.1	7.5
Chagai	50545	120455	2.78	2.4	6.2
Sibi	9285	130678	3.02	14.1	7.6
Masirabad	5832	394454	9.10	67.6	7
Kohlu	17770	175090	4.04	9.9	6.7
Kharan	48051	128040	2.96	2.7	6.1
Lasbela	12574	188139	4.34	15	5.9
Turbat	22539	379467	8.76	16.8	7.8
Gwadar	15216	112385	2.59	7.4	6.3
Panjgur	16891	160750	3.71	9.5	8
Total	198703	1789458	41.30	9.0	6.8
Baluchistan	347190	4332376	100	12.5	7.3

Source: 1981 Census Report Of Baluchistan Province. Population census Organisation,
Statistics Division, Government Of Pakistan, Islamabad.

TABLE 108. LITERACY RATIO BY SEX AND RURAL/URBAN AREAS, 1972 AND 1981.

Area	1981			1972		
	Both sexes	Male	Female	Both sexes	Male	Female
All areas	10.32	15.20	4.32	10.06	14.82	4.17
Rural	6.18	9.82	1.75	5.61	9.16	1.25
Urban	32.16	42.42	18.54	32.29	42.39	19.20

Source: 1981 Census Report Of Baluchistan Province. Population census Organisation, Statistics Division, Government Of Pakistan, Islamabad.

TABLE 109. LABOUR FORCE BY OCCUPATION, SEX AND RURAL/ URBAN AREAS, 1981.

Occupation group	All areas			Rural			Urban		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Professional,technical & related workers	2.57	2.38	0.19	2.15	2.07	0.08	5.40	4.49	0.91
Administrative and managerial workers	0.66	0.65	0.01	0.42	0.42	0.00	2.30	2.26	0.04
Clerical & related workers	1.81	1.75	0.06	0.90	0.86	0.04	8.01	7.83	0.18
Sales workers	5.16	5.08	0.08	3.27	3.22	0.05	18.22	17.92	0.30
Service workers	2.71	2.59	0.12	1.56	1.51	0.05	10.61	10.02	0.59
Agricultural,animal husbandry and forestry workers,fishermen and hunters	69.00	67.56	1.44	77.10	75.48	1.62	13.13	12.92	0.20
Production and related workers,transport equipment operators and labourers	13.66	13.21	0.45	10.74	10.36	0.38	34.00	33.07	0.93
Workers not classified by occupation	4.43	4.18	0.25	3.86	3.63	0.23	8.33	7.94	0.39

Source: 1981 Census Report Of Baluchistan Province. Population census Organisation, Statistics Division, Government Of Pakistan, Islamabad.

TABLE 110. HOUSEHOLDS BY LANGUAGE SPOKEN IN HOUSEHOLDS, BALUCHISTAN.

AREA	NUMBER OF HOUSEHOLDS BY LANGUAGE SPOKEN									
	TOTAL	URDU	PUNJABI	PUSHTO	SINDI	BALUCHI	BRAHVI	HINDKO	SIRAIKI	OTHERS
TOTAL										
BALUCHISTAN	589866	8101	13208	147884	48899	214208	121958	785	18164	16659
KALAT DIVISION	163842	969	917	2450	19425	45639	90603	23	97	3719
MEKTRAN DIVISION	84464	126	200	51	91	83882	76	3	6	29
QUETTA DIVISION	200409	6416	10501	136171	491	17534	15403	743	1078	12072
SIBI DIVISION	141151	590	1590	9212	28892	67153	15876	16	16983	839
RURAL										
BALUCHISTAN	501220	1524	1976	126042	34816	191865	110391	42	15199	10365
KALAT DIVISION	149191	411	336	1586	17929	42643	84369	8	29	1880
MEKTRAN DIVISION	69844	51	155	15	3	69566	29		4	21
QUETTA DIVISION	152265	901	976	116037	88	14306	11690	22	473	7772
SIBI DIVISION	129920	161	509	8404	25796	65350	14303	12	14693	692
URBAN										
BALUCHISTAN	88646	6577	11232	21842	5083	22343	11567	743	2965	6294
KALAT DIVISION	14651	558	581	864	1496	2996	6234	15	68	1839
MEKTRAN DIVISION	14620	75	45	36	88	14316	47	3	2	8
QUETTA DIVISION	48144	5515	9525	20134	403	3228	3713	721	605	4300
SIBI DIVISION	11231	429	1081	808	3096	1803	1573	4	2290	147

Source: 1981 Census Report Of Baluchistan Province. Population Census Organisation, Statistics Division, Government Of Pakistan, Islamabad.

TABLE III. HEIGHT OF IMPORTANT PLACES ABOVE MEAN SEA LEVEL BY UPLAND DISTRICTS.

Place	Height		Place	Height	
	Meters	Feet		Meters	Feet
QUETTA DISTRICT			KACHHI DISTRICT		
Quetta	1677	5500	Dhadar	226	740
			Gandawa	98	321
LORALAI DISTRICT			Bhag	102	334
			Lehri	151	495
Loralai.	1433	4700			
Sinjawi	1677	5500	KALAT DISTRICT		
Duki	1085	3560	Kalat	2054	6738
Barkhan	1076	3560	Mastung	1704	5590
Musakhail	1345	4410			
PISHIN DISTRICT			KHUZDAR DISTRICT		
Pishin	1572	5156	Khuzdar	1238	4060
Bulistan	1485	4871			
Chaman	1312	4304			
ZHOB DISTRICT					
Zhab	1385	4543			
Killah Saifullah	1550	5084			
Muslim Bagh	1796	5890			
Kan Mehterzai	2171	7121			

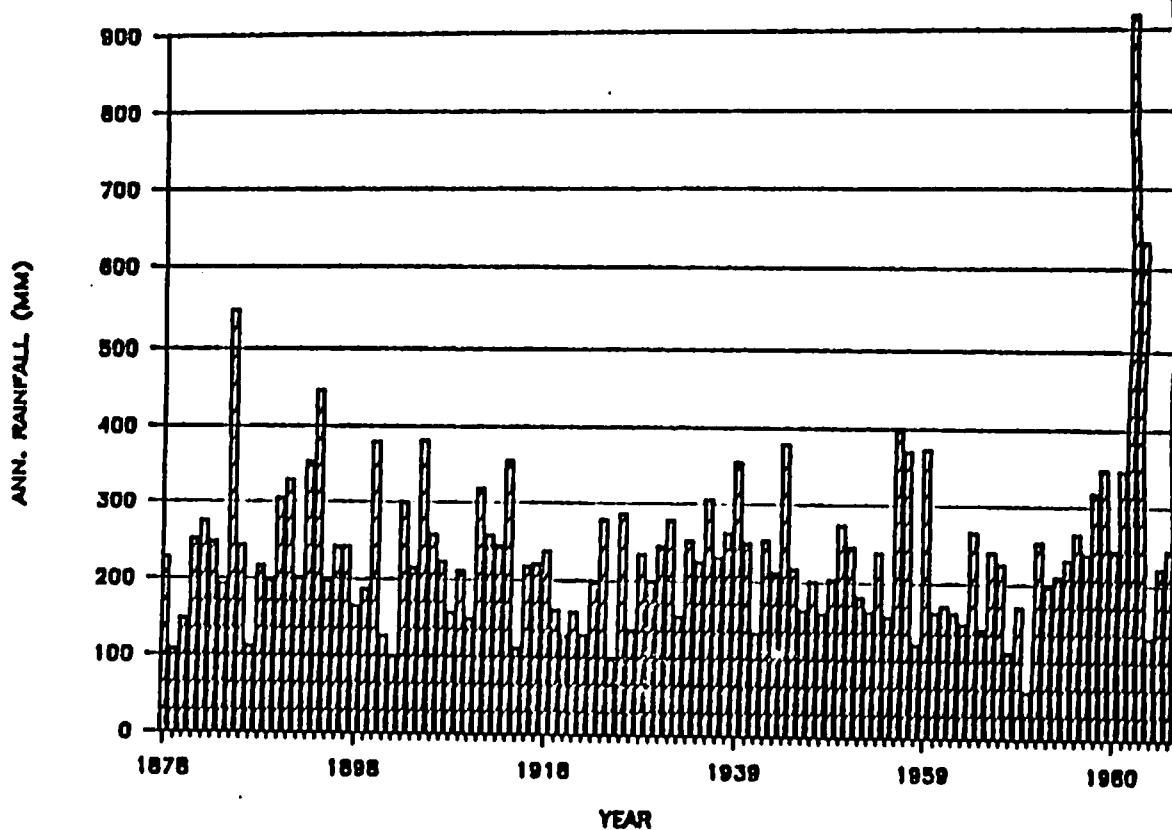
Source: Agricultural Statistics of Baluchistan, 1981, Statistics Wing,
Directorate of Agriculture, Government of Baluchistan, Quetta.

Table 112. Precipitation, Sanungli Station (Quetta), Pakistan, 1952-53 to 1986-87.

Year	July-Dec	Jan-June	Crop Year	Calendar	
			July-June	Jan-Dec	July-Sept
Rainfall (mm.)					
52-53	28	141.1	169.1	175.5	9.9
53-54	20.8	237.5	258.3	161.8	15.7
54-55	5.4	99.8	105.2	242.8	1.8
55-56	58.7	230.6	289.3	158.5	15.5
56-57	169.9	298.3	459.2	400.6	162.6
57-58	118.7	0	118.7	407.9	0
58-59	62.3	158.5	220.8	62.2	6.6
59-60	206.7	106.9	313.6	365.3	108.7
60-61	29.9	121.4	151.3	136.9	7.1
61-62	54.3	155.7	210	175.8	12.2
62-63	10.4	132.3	142.7	166.1	2.5
63-64	16.5	N.A.	N.A.	148.8	0
64-65	N.A.	200.2	N.A.	N.A.	N.A.
65-66	66.3	106	172.3	266.4	2.5
66-67	34.2	189.7	223.9	140.2	25.1
67-68	46.9	180.1	227	236.7	2.5
68-69	45.9	100.5	146.4	226.1	3
69-70	28.5	139.6	168.1	129	13
70-71	30.2	46.5	76.7	169.9	23.1
71-72	15.7	212	227.7	62.2	0
72-73	42.2	112.6	154.8	254.2	1.3
73-74	94.9	192.7	287.6	207.5	38
74-75	17.9	177.4	195.3	210.6	0
75-76	94.9	268.4	323.3	232.3	36.3
76-77	5.8	143.7	149.5	237.6	0
77-78	95.9	161	256.9	239.6	62.1
78-79	157.5	279.6	437.1	318.5	122.9
79-80	69.1	203.3	272.4	348.7	0
80-81	41.5	297.5	339	244.8	0
81-82	50	645	695	347.5	2
82-83	316.8	367.1	683.9	961.8	70
83-84	266.2	113.9	380.1	633.3	195
84-85	19.3	221.4	240.7	133.2	1.3
85-86	0	153.8	153.8	221.4	0
86-87	91.1	N.A.	N.A.	244.9	67

Source: Keatinge, J.D.H., and D.J. Rees, 1988. An analysis of precipitation and air temperature records in the Quetta Valley, Pakistan. The implications for potential improvement in agricultural productivity. ICARDA (Quetta), Publication No.9.

Fig. 2. Quetta Ann. Rain 1878–1986.



Source: Keatinge, J.D.H., and D.J. Rees, 1988. An analysis of precipitation and air temperature records in the Quetta Valley, Pakistan. The implications for potential improvement in agricultural productivity. ICARDA (Quetta), Publication No. 9.

Figure 3

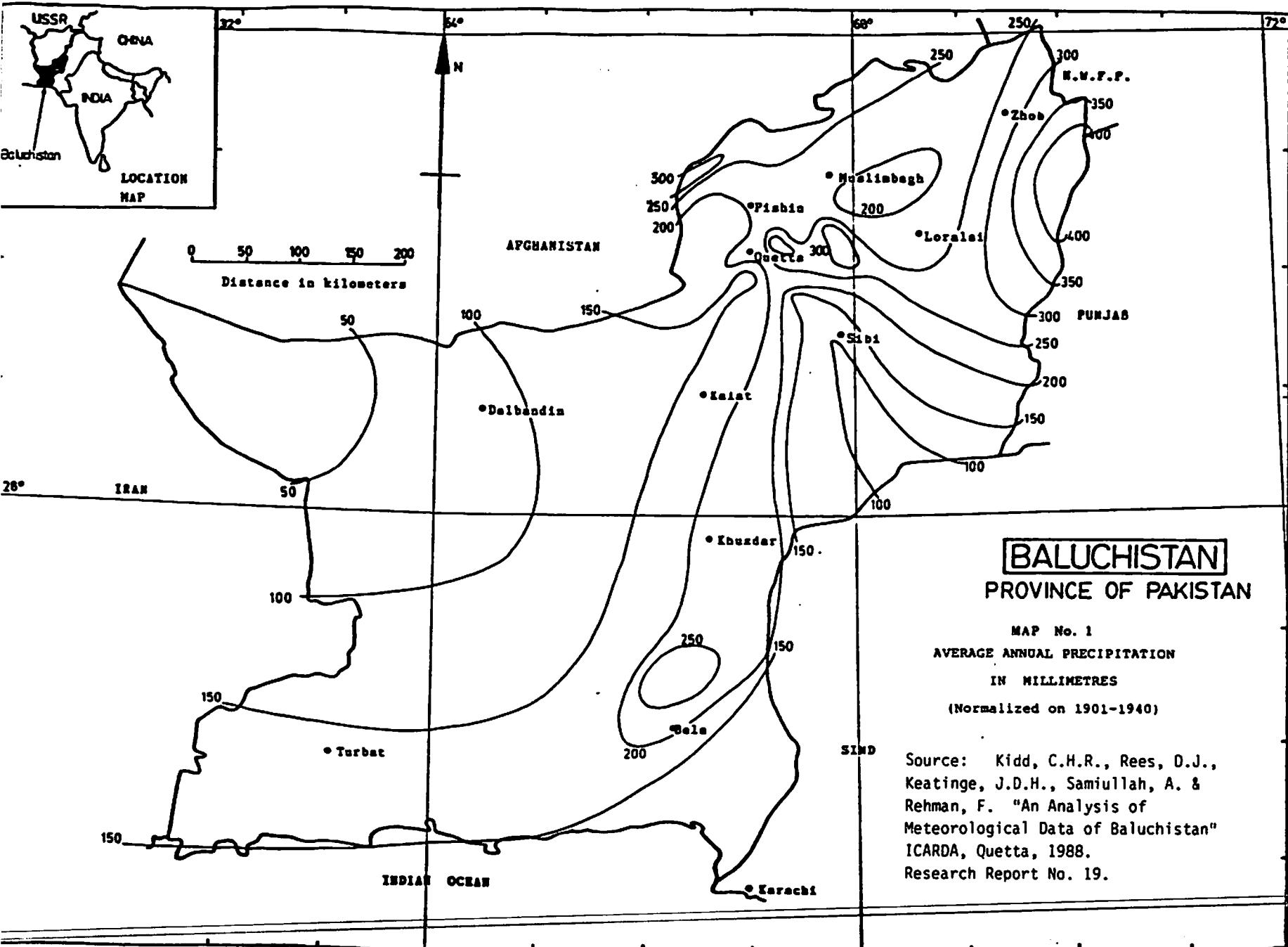
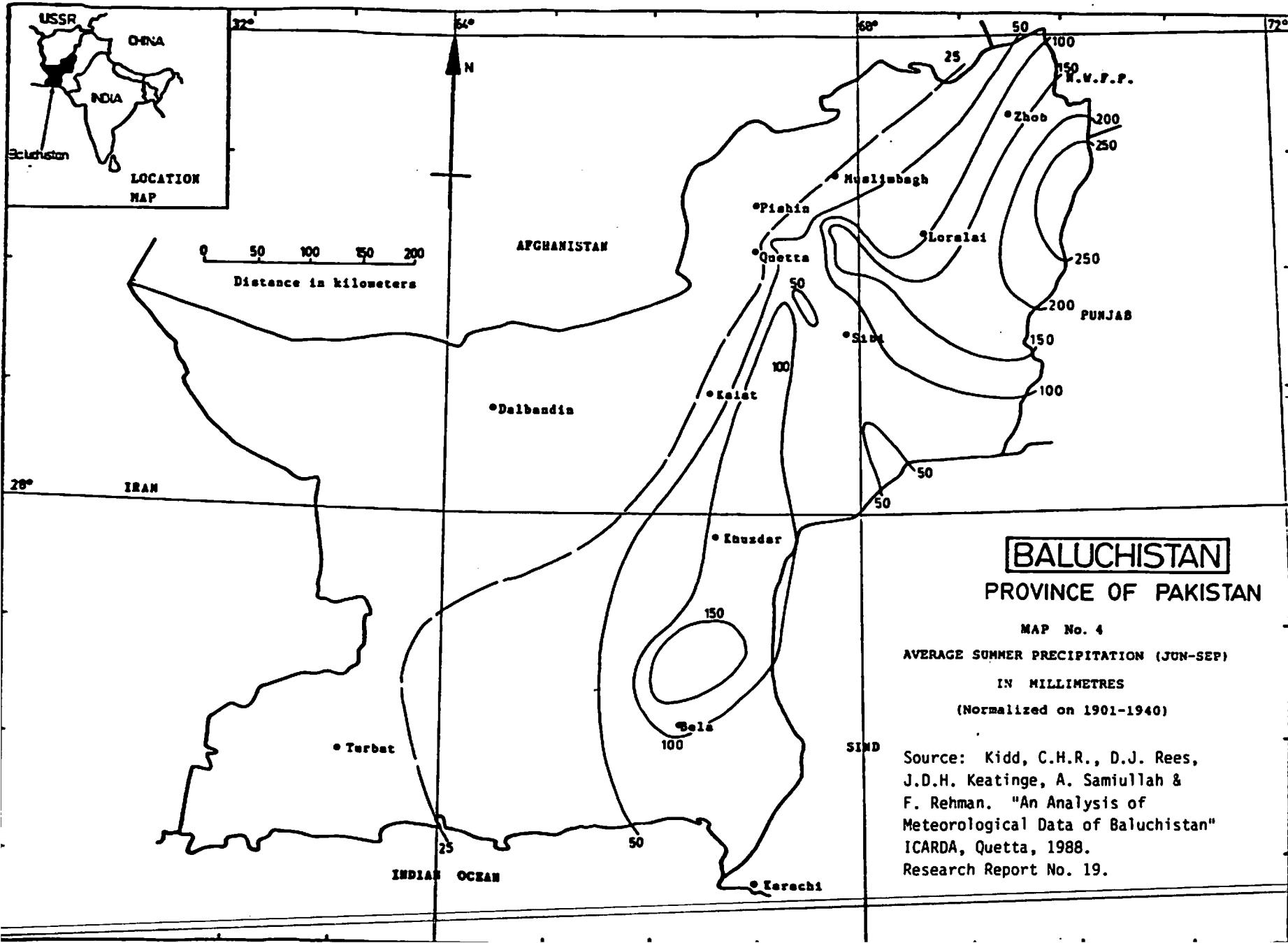


Figure 4



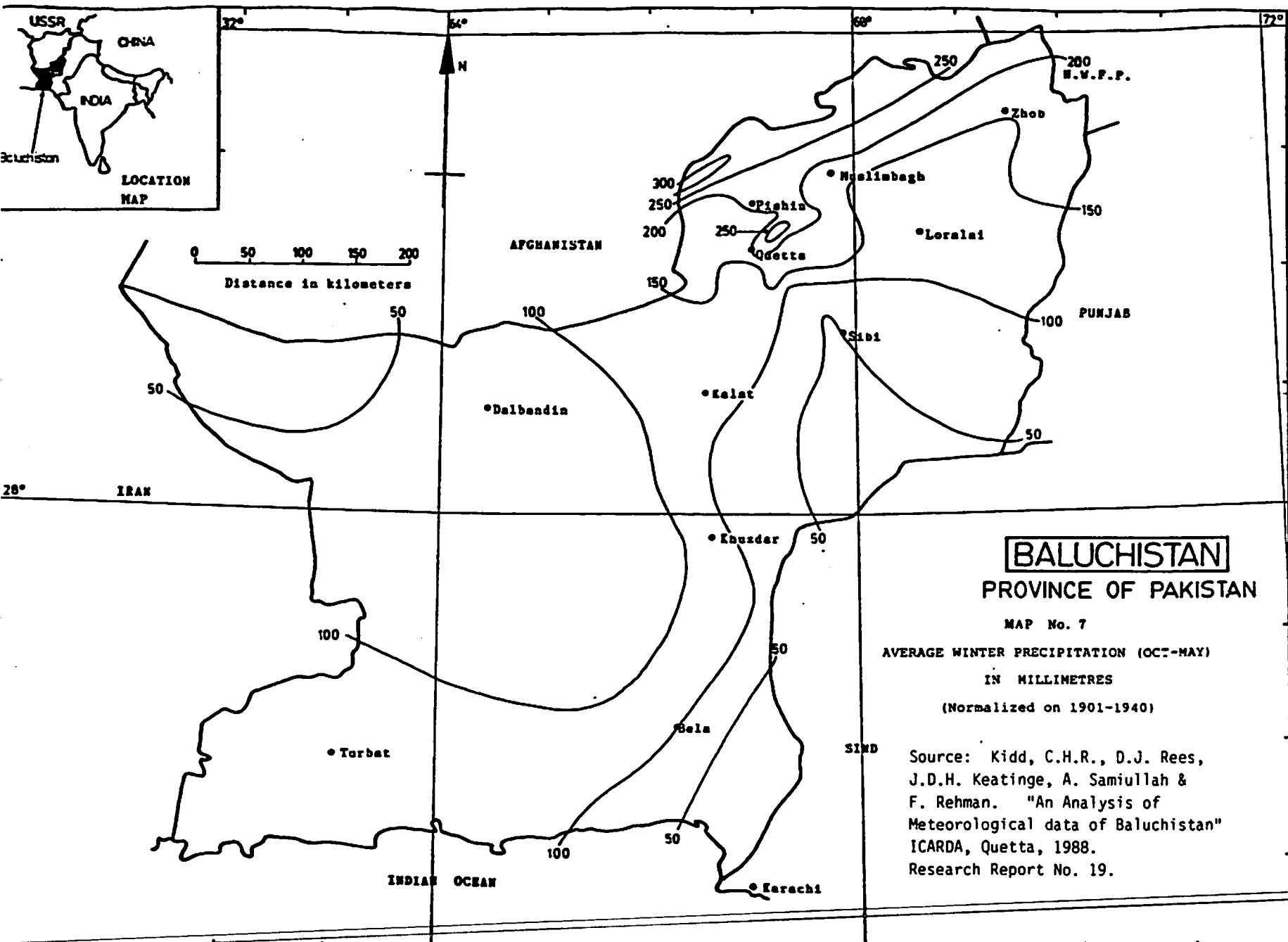


Figure 5

BALUCHISTAN
PROVINCE OF PAKISTAN

MAP No. 7

AVERAGE WINTER PRECIPITATION (OCT-MAY)

IN MILLIMETRES

(Normalized on 1901-1940)

Source: Kidd, C.H.R., D.J. Rees,
J.D.H. Keatinge, A. Samiullah &
F. Rehman. "An Analysis of
Meteorological data of Baluchistan"
ICARDA, Quetta, 1988.
Research Report No. 19.