

Massar	...	...	... A lentil (<i>ervum lens</i>).
Mash	...	...	... A pulse (<i>phaseolus radiatus</i>).
Maund	...	...	... A measure of weight, equal to 80 lbs.
Mohar	...	...	... The foot of the Salt Range.
Moth	...	...	... A pulse (<i>phaseolus aconitifolius</i>).
Mung	...	...	... A pulse (<i>phaseolus mungo</i>).
Nabri	...	...	... Irrigated by the Corhynwah Canal.
Naladar	...	...	... Land in the Mojar getting water from a torrent or hill-side.
Pappar	...	...	... The ever-green box (<i>buxus sempervirens</i>).
Pargannah	...	...	... An obsolete term for a revenue division.
Patti	...	...	... A long strip of level land in the Thal.
Phitsen	...	...	... A coarse grass (<i>primisetum dichotomum</i>).
Phog	...	...	... A shrub (<i>calligonum polygonoides</i>).
Rabi	...	...	... The spring harvest.
Rakh	...	...	... Government waste.
Raridar	...	...	... Land in the Mohar which is irrigated by shallow catchment drains.
Rot	...	...	... Transplanted <i>bajra</i> .
Sailab	...	...	... Flooded by the river Jhelum.
Sajji	...	...	... Barilla.
Sanatha	...	...	... An evergreen shrub (<i>dodonaea burmanaria</i> or <i>viscosa</i>).
Sarshaf	...	...	... Rape (<i>brassica campestris</i>).
Sen	...	...	... A grass (<i>elionurus hirsutus</i>).
Ser	...	...	... A measure of weight, 2 lbs
Shah gumashti	...	...	... A profit-sharing system of cattle-grazing, by which a capitalist (<i>shah</i>) advances all, or part, of the price to a grazier (<i>gumashta</i>), and receives from $\frac{1}{3}$ to $\frac{2}{3}$ of the profits.
Tahsil	...	...	... A revenue sub-division of a district.
Taluqa	...	...	... An obsolete term for a revenue sub-division.
Taramira	...	...	... An oilseed (<i>eruca sativa</i>).
Thal	...	...	... The sandy uplands of the Sind Sagar Doab.
Til	...	...	... An oilseed (<i>sesamum</i>).
Tip	...	...	... Assessment of land revenue by appraisement.
Toria	...	...	... An oilseed (<i>brassica campestris</i>).
Wari A sandhill, brought under cultivation.

MAP OF TAHSIL KHUSHAB

Scale 4 Miles - 1 Inch



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S T A T E M E N T S .

STATEMENT I.—RAINFALL (a).—KHUSHAB (JHELUM CIRCLE).

YEAR.	June.	July.	August.	September.	Total 4 months, June-September.	October.	November.	December.	Total 3 months, October-December.	January.	February.	March.	April.	May.	Total 5 months, January-May.	Total 15 months.
	1892-93	2.45	10.19	1.69	.38	14.80	.1573	.87	2.97	.85	.26	1.87	3.16	6.81	24.34
1893-94	.34	1.11	2.14	.51	4.10	.09	...	.44	.46	1.51	.59	2.59	.89	.13	5.70	10.26
1894-95	2.11	9.73	.06	1.38	13.28	...	...	.81	.81	.05	.27	3.13	.77	.06	4.23	17.84
1895-96	6.14	3.51	2.72	.47	12.84	...	...	...	...	.44	.50	1.12	...	...	2.06	14.80
1896-97	.00	2.11	3.56	.18	6.75	...	...	...	...	.08	.37	.28	.61	.33	2.36	9.71
1897-98	2.07	3.47	9.87	1.10	16.31	...	...	1.75	1.75	...	1.74	...	...	2.83	4.87	23.73
1898-99	2.12	6.00	...	.41	8.53	...	...	...	...	...	.87	.90	.29	.16	2.02	10.55
1899-1900	1.72	1.00	.11	.12	2.95	...	...	...	...	.57	.38	.31	1.39	1.90	4.55	7.50
1900-1901	.40	.96	1.35	2.93	5.64	.26	...	.94	1.20	1.44	.45	.65	.55	2.77	6.88	18.70
1901-02	1.42	4.09	1.42	.56	7.49	...	...	...	...	...	...	.22	.18	.20	.60	8.09
1902-03	2.91	1.18	5.75	1.80	11.42	...	...	...	...	.09	...	2.11	.60	.54	3.34	14.76
1903-04	.41	4.22	3.52	1.58	9.73	...	...	1.14	1.14	2.73	...	4.17	...	...	6.89	17.76
1904-05	.75	3.35	1.78	.00	6.48	...	.91	.13	1.04	1.25	1.48	1.02	1.12	.13	5.00	12.62
1905-06	1.10	2.61	.34	5.20	9.25	...	...	1.16	1.16	...	3.40	.24	.02	.07	3.73	14.14
1906-07	1.50	2.42	4.11	1.44	9.87	...	...	.07	.07	...	1.61	.88	3.19	.88	6.61	16.45
1907-08	.46	1.37	3.22	...	5.07	...	...	...	...	1.18	1.98	...	2.23	.29	5.75	10.89
1908-09	.43	5.45	8.32	6.98	21.08	...	...	...	...	...	.96	.51	1.24	.07	2.73	23.96
1909-10	1.00	3.80	.51	1.30	6.66	...	...	.78	.78	.67	.22	...	1.72	.20	2.81	20.23
1910-11	1.11	5.08	6.76	...	12.95	...	...	.07	.07	2.39	.87	6.05	.15	.26	9.33	23.54
1911-12	4.01	1.63	...	.24	6.10	.06	.51	.06	.66	1.19	.12	.35	1.90	.99	3.45	16.31
1912-13	1.46	2.95	1.69	1.28	7.53	...	...	.11	.11	0.04	2.03	1.19	0.16	.55	3.97	11.66
1913-14	.73	5.52	6.54	1.08	13.87	...	...	.27	.27	.78	3.94	.47	3.84	1.23	10.13	24.33
Average of 22 years	1.88	3.73	2.97	1.38	9.96	.08	.07	.26	.46	.83	1.00	1.23	1.09	.77	4.24	14.79
Average of 5 selected years, 1906-07 to 1911-12.	.88	3.69	4.87	1.94	11.38	...	...	.18	.18	.68	1.97	2.98	1.73	.65	3.46	15.79

STATEMENT I—RAINFALL (b).—NURPUR-(THAL CIRCLE).

YEAR.	June.	July.	August.	September.	Total four months, June-September.	October.	November.	December.	Total three months, October-December.	January.	February.	March.	April.	May.	Total five months, January-May.	Total 12 months.
1893-94	1.00	9.06	3.50	.10	13.95	...	...	.46	.46	1.50	.50	.40	1.40	2.50	6.90	20.71
1894-95	2.20	2.80	2.90	2.70	10.40	...	...	.10	.10	.80	.80	2.04	3.00	.35	6.79	17.39
1895-96	1.28	7.07	.73	.72	9.90	...	...	...	...	.58	.23	1.96	.40	...	3.17	13.97
1896-97	.10	.20	3.66	.16	4.11	...	...	...	...	.07	.80	2.31	...	.20	3.38	7.79
1897-98	.08	4.73	1.30	...	6.10	...	...	...	...	.87	...	.85	...	...	1.72	7.63
1898-99	1.45	3.08	1.67	.90	7.10	...	...	.02	.02	...	1.73	...	...	1.11	3.64	10.65
1899-00	.56	5.15	.35	.00	6.06	...	...	...	...	...	.64	...	...	...	.64	7.30
1900-01	1.50	.35	1.61	...	3.46	...	...	...	...	.65	.35	.12	...	.80	2.12	5.79
1901-02	...	2.30	2.05	2.27	6.62	.35	...	.80	1.15	.84	.85	.50	.50	1.88	4.27	11.04
1902-03	2.07	5.74	2.98	...	10.77	...	...	...	...	...	...	.23	...	...	.23	11.00
1903-04	2.64	.48	2.03	...	5.35	...	...	...	...	.38	...	.83	.57	.61	2.39	7.74
1904-05	...	2.11	2.54	1.28	6.93	...	...	...	...	1.70	...	6.04	...	...	7.74	13.67
1905-06	...	.27	.64	.41	1.52	...	.43	...	.43	.46	2.03	.74	...	...	3.23	5.18
1906-07	...	3.13	.29	.86	4.38	...	...	.79	.79	...	3.19	2.27	.25	...	5.71	10.73
1907-08	.76	1.05	4.26	1.48	7.55	...	...	...	...	...	.22	...	.83	...	1.45	9.00
1908-09	...	1.07	3.35	...	4.42	...	...	...	...	.74	.78	...	1.06	.67	3.25	7.67
1909-10	...	9.10	1.66	8.14	18.90	...	...	...	...	...	.94	.85	...	...	1.19	20.03
1909-10	.96	6.13	.53	.58	8.30	...	...	.38	.36	.78	...	...	.60	...	1.26	9.03
1910-11	3.58	2.12	2.87	...	8.07	...	...	...	...	.25	.31	3.32	...	...	3.88	11.05
1911-12	.47	.63	1.00	...	1.90	...	.47	...	.47	.95	...	...	.36	.93	2.13	4.50
1912-13	.38	3.42	1.80	6.60	12.23	.80	...	...	.90	...	1.33	1.63	.88	...	3.33	15.86
1913-14	...	1.07	7.68	1.26	10.31	...	...	...	...	1.28	2.28	1.81	.75	...	5.60	15.71
Average of 22 years	.97	3.21	2.31	1.27	7.66	.08	.04	.15	.23	.54	.77	1.12	.45	.41	3.29	11.17
Average of 12 months from 1907 to 1914	1.98	3.89	2.45	2.04	9.46	...	...	.07	.07	.35	.53	1.72	.46	.24	3.22	11.73

STATEMENT I—RAINFALL (c).—MITHA TIWANA (MOHAR CIRCLE).

Year.	June.	July.	August.	September.	Total of four months, June-September.	October.	November.	December.	Total three months, October-December.	January.	February.	March.	April.	May.	Total five months, January-May.	Total 12 months.
1893-94	3.06	5.85	6.05	.61	15.56	...	...	.50	.50	2.25	.41	...	.89	3.38	6.98	23.09
1893-94	2.50	3.46	.75	.77	7.48	...	...	.24	.24	1.90	.30	1.05	...	...	3.15	10.87
1894-95	1.80	4.30	1.00	...	6.90	...	...	...	...	.02	...	2.68	.43	.08	3.16	10.06
1895-96	2.00	1.00	3.00	...	7.00	...	...	...	...	.25	.66	.75	...	...	1.66	8.66
1896-97	1.36	2.15	3.97	.60	8.08	...	...	...	...	.50	...	.50	...	...	1.00	9.08
1897-98	1.00	2.25	3.00	.50	6.75	...	...	.50	.50	.75	...	...	...	1.00	1.75	9.00
1898-99	.50	5.75	...	...	6.25	...	...	...	...	...	...	...	...	...	...	6.25
1899-1900	1.65	2.02	...	...	3.67	...	...	...	...	1.30	...	.15	...	1.35	2.80	6.67
1900-01	...	3.80	.90	.45	4.85	.45	...	.70	1.15	...	.30	.25	.52	1.61	2.68	8.69
1901-02	.80	.54	1.91	1.38	4.68	...	...	...	...	...	...	...	...	...	...	4.68
1902-03	2.13	2.59	2.86	...	8.58	...	...	...	...	...	...	1.75	...	.66	2.80	11.18
1903-04	.48	2.44	2.41	...	5.88	...	...	.27	.27	2.25	...	2.02	...	...	4.27	9.67
Average of 12 years	1.59	2.79	2.15	.96	7.09	.64	...	.16	.28	.77	.36	.76	.16	.66	2.60	8.78

NOTE.—Rainage discontinued since 1904.

STATEMENT I.—RAINFALL (d)—NAUSHAHRA (HILL CIRCLE).

Year.	June.	July.	August.	September.	Total of 4 months June—September.	October.	November.	December.*	Total of 3 months, October—December.	January.	February.	March.	April.	May.	Total of 5 months January—May.	Total of 12 months.
1893-94	2.10	11.35	10.50	2.90	32.85	...	...	1.40	1.40	1.40	1.70	.77	2.05	2.50	9.02	63.27
1894-95	.85	6.23	1.70	2.09	10.87	...	...	1.00	1.00	2.84	1.44	1.78	1.15	...	7.16	19.08
1895-96	2.70	9.09	9.09	2.16	17.04	...	...	.68	.68	1.06	.72	5.40	1.12	.06	9.30	36.08
1896-97	.90	1.23	4.58	1.74	7.90	.10	...	...	.10	.80	.61	1.69	..	.15	3.55	11.55
1896-97	.98	3.66	5.27	1.27	11.36	.67	.09	...	.76	1.08	.80	2.25	1.40	.19	5.81	17.93
1897-98	4.53	7.47	4.20	1.08	18.18	...	...	1.2	1.12	...	3.39	...	...	2.18	5.87	24.97
1898-99	8.83	5.53	.67	1.39	11.42	...	...	...	...	...	2.21	..	1.06	.71	4.01	15.49
1899-1900	.88	1.76	.91	...	3.55	...	...	...	...	.62	.60	.60	1.13	4.20	7.50	11.05
1900-01	...	1.67	6.48	5.52	13.67	.31	..	.80	1.21	2.04	.29	2.27	2.07	4.87	11.54	26.62
1901-02	.10	1.50	4.84	2.05	8.59	...	...	...	...	...	...	1.10	...	1.18	2.26	10.84
1902-03	.67	2.11	3.77	3.90	10.65	...	...	...	...	.46	...	2.60	...	1.05	5.33	15.99
1903-04	.56	6.12	4.10	2.00	14.87	...	...	...	...	4.16	...	5.38	...	...	9.51	24.38
1904-05	...	3.70	1.34	.85	5.95	...	.65	.40	1.05	.23	3.43	.93	.09	.29	5.02	12.02
1905-06	.77	5.99	1.42	2.14	10.32	...	...	1.32	1.32	...	4.93	1.01	.80	.16	7.00	18.64
1906-07	1.13	4.41	7.84	1.33	14.71	...	...	1.63	1.63	...	4.91	2.63	2.62	.50	9.14	25.53
1907-08	.75	4.24	7.17	...	12.16	...	...	...	...	3.60	.43	...	2.43	3.13	6.79	20.85
1908-09	.72	6.28	6.90	15.70	31.59	...	...	.26	.26	...	1.09	.54	.95	...	3.28	35.12
1909-10	1.34	6.05	1.01	.82	10.12	...	...	1.27	1.27	1.79	.26	.25	2.02	...	4.83	15.71
1910-11	4.71	4.08	6.24	...	15.03	.65	...	.24	1.09	4.33	.11	6.53	.59	.10	11.68	27.78
1911-12	2.55	1.31	1.71	.46	6.03	.64	.82	.04	1.30	1.14	.16	.10	1.77	.28	3.48	10.81
1912-13	1.48	4.54	2.79	1.38	10.21	...	...	.10	.10	...	2.09	1.01	.27	.10	4.37	14.66
1913-14	1.57	5.84	7.33	2.69	18.83	.11	...	...	.11	1.45	5.91	.96	4.65	1.72	14.13	31.07
Average of 28 years	1.51	4.57	4.68	2.85	13.96	.12	.00	.47	.66	1.25	1.61	1.79	1.16	1.05	6.56	20.87
Average of 6 selected years, 1903-07 to 1910-11.	1.78	5.19	6.23	2.57	16.73	.17	...	.68	.85	1.98	1.34	2.01	1.60	.51	7.44	25.01

STATEMENT I.—RAINFALL (e)—SAKESAR (HILL CIRCLE).

Year.	June.	July.	August.	September.	Total 4 months, June-September.	October.	November.	December.	Total 3 months, October-December.	January.	February.	March.	April.	May.	Total 5 months, January-May.	Total for 12 months.
1893-94	...	15.20	14.24	2.04	31.48	...	...	1.01	1.01	.78	...	1.10	2.16	2.20	6.26	39.67
1894-95	1.84	7.27	2.99	2.48	15.08	...	...	.10	.10	2.11	2.63	2.50	.52	.10	6.26	24.04
1895-96	2.06	11.05	1.18	2.08	16.35	...	...	...	...	2.06	...	2.00	...	...	7.06	25.41
1896-97	2.43	2.47	7.44	1.48	13.82	...	...	...	...	.20	1.57	2.00	...	.16	3.93	17.75
1897-98	1.67	2.13	...	1.20	5.00	...	...	...	...	1.00	...	.50	...	...	1.50	6.50
1897-98	...	5.69	10.12	2.14	18.05	...	...	2.14	2.14	...	6.59	...	...	...	6.59	29.68
1898-99	1.24	14.46	.35	2.35	18.40	...	...	...	...	...	4.62	...	...	...	4.62	23.02
1899-1900	2.00	2.10	...	...	5.10	...	...	...	...	...	.45	.58	2.22	2.32	6.52	11.62
1900-01	1.25	2.18	6.59	2.20	12.16	.18	...	.78	.96	2.12	.50	1.15	1.92	2.23	6.83	22.95
1901-02	2.21	1.82	2.82	1.82	8.67	...	...	...	...	...	...	1.00	...	.85	1.85	11.02
1902-03	2.80	5.22	4.22	2.21	15.45	.72	.22	...	.94	.12	...	1.06	1.08	.96	4.07	20.46
1903-04	.50	7.05	5.94	2.08	17.45	...	...	.33	.33	4.19	...	5.06	...	.13	10.31	29.09
1904-05	...	4.14	4.58	1.07	10.39	...	1.32	.31	1.63	.02	2.47	.80	...	.22	4.47	16.49
1905-06	2.40	7.35	2.08	2.01	14.84	.21	...	1.70	1.91	...	7.90	4.15	...	.10	12.15	26.90
1906-07	1.79	4.79	14.80	1.55	22.63	...	...	.73	.73	...	2.49	2.85	2.00	.84	9.18	32.54
1907-08	2.25	2.08	4.97	.12	11.37	...	...	...	...	.04	...	...	2.00	.56	2.56	14.87
1908-09	.80	4.08	2.37	2.29	21.54	...	...	.06	.06	.60	1.00	.70	1.60	...	2.90	25.50
1909-10	2.19	9.58	4.47	2.70	18.94	...	...	2.10	2.10	2.64	.40	.20	2.17	1.00	6.51	27.55
1910-11	5.02	5.91	12.84	...	24.77	.20	...	.05	.85	2.91	4.21	11.20	.60	.25	20.17	65.29
1911-12	2.20	1.60	1.40	1.20	6.70	.10	2.20	...	2.20	2.22	.20	...	2.70	.65	5.77	14.77
1912-13	1.50	2.55	2.74	2.16	13.95	...	...	...	...	...	2.48	2.27	...	1.22	6.92	20.87
1913-14	4.00	7.78	10.75	1.74	24.25	...	...	.49	.49	.75	1.21	1.05	5.20	1.40	9.61	34.65
Average of 23 years	1.95	5.99	5.90	2.25	15.99	.07	.17	.53	.77	1.11	1.79	2.16	1.14	.79	6.91	28.08
Average of 5 selected yrs, 1906-07 to 1910-11.	2.61	2.49	2.23	2.23	12.55	.06	...	.59	.55	1.69	1.63	2.91	1.87	.83	6.93	26.15

STATEMENT II.

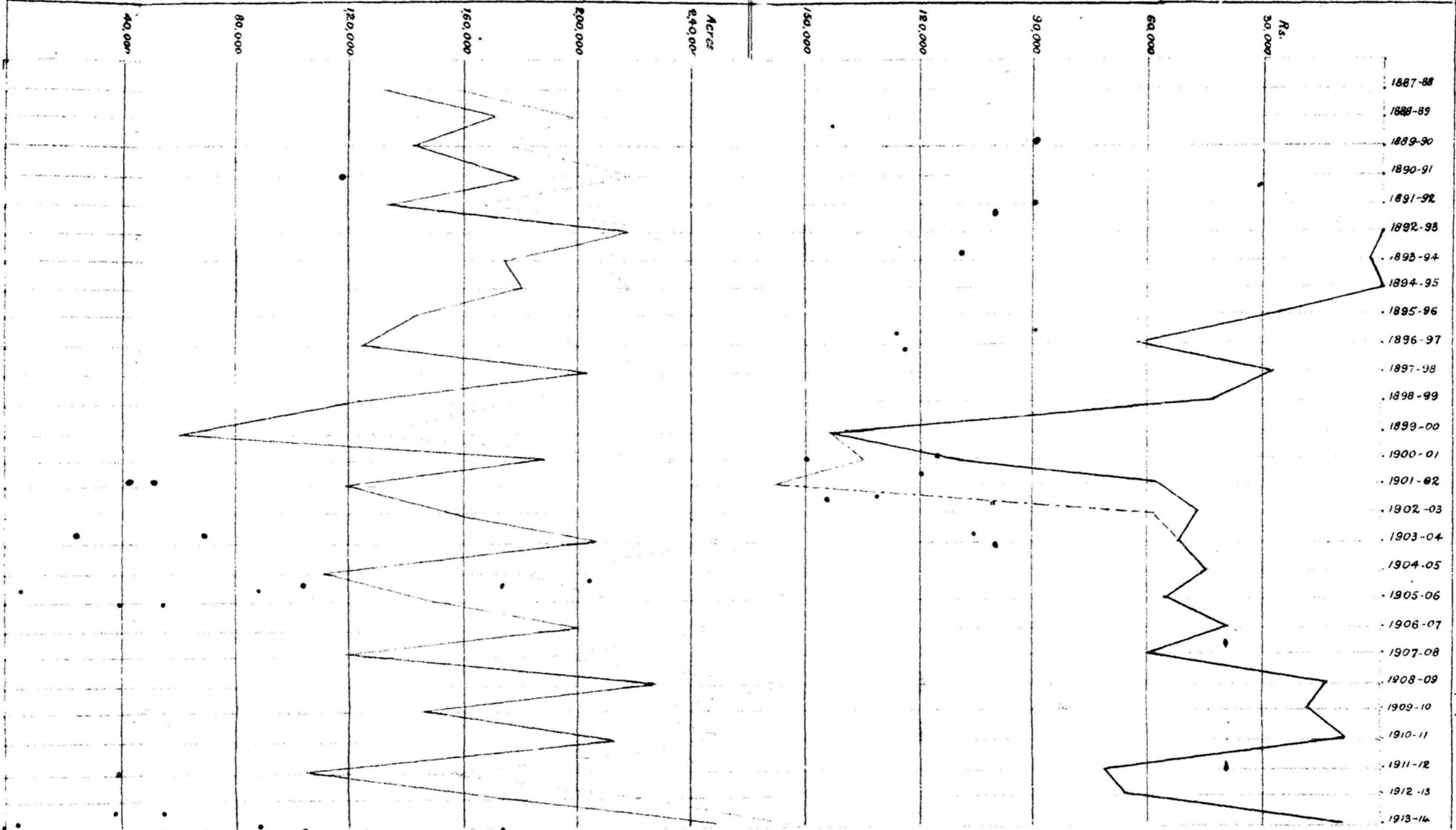
STATEMENT II.—SHEWING SUSPENSIONS AND REMISSIONS OF LAND REVENUE FOR EACH YEAR SINCE SETTLEMENT.

Circle.	Year.	1893-94.	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.	1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.
JHELUM.	Existing demand ...	58,487	57,298	56,929	56,598	56,786	56,993	57,952	57,797	58,118	57,496	57,900	59,495	60,557	61,162	61,152	61,656	60,082	59,784	59,529	60,510	62,991
	Suspended this year ...	186	575	...	2,213	...	49	2,103	307	907	407	...	...	556	60	1,083	...	2,477	...	4,503	2,463	...
	Remitted this year ...	..	...	...	...	...	..	...	...	1,403	...	...	..	...	...	...	...	45	...	..	...	...
	Outstandings collected this year.	1,095	761	...	3,213	...	49	...	1,005	2	6	1,308	...	68	466	375	673	2,460	89	1,437	2,549	2,980
	Outstanding at end of year.	186	...	...	...	...	...	2,103	1,405	907	1,308	...	...	488	82	790	117	89	...	3,066	2,980	...
THAL.	Existing demand ...	11,970	11,970	11,970	11,970	11,970	11,970	11,970	11,990	11,990	11,990	11,990	11,990	11,990	11,990	11,990	11,990	11,990	11,990	11,985	11,990	11,990
	Suspended this year ...	...	...	...	...	...	888	11,384	2,420	2,542	1,752	3,281	...	5,856	50	3,240	...	150	150	11,985	150	...
	Remitted this year ...	...	...	...	...	...	...	...	...	10,712	2,542	...	...	...	...	1,591	..	50	..	..	..	..
	Outstandings collected this year.	...	...	..	...	...	888	..	2,755	337	247	991	...	3,670	1,850	283	4,120	...	...	4,550	6,087	2,775
	Outstanding at end of year.	..	...	...	...	...	...	11,384	11,049	2,542	1,505	3,795	3,795	5,931	4,181	5,547	1,427	1,527	1,677	9,112	3,225	450
MORAR.	Existing demand ...	68,975	69,029	69,024	69,023	69,029	69,049	68,990	69,017	69,040	69,018	69,017	69,017	69,034	68,989	68,996	69,012	69,040	69,046	69,035	69,062	69,206
	Suspended this year ...	...	...	23,840	32,357	...	13,682	48,365	5,508	36,253	7,490	25,531	...	19,853	2,887	38,818	...	7,846	..	55,339	16,273	...
	Remitted this year ...	...	...	...	...	...	...	...	21,922	57,243	9,690	...	...	...	...	18,135	...	...	...	...	...	375
	Outstandings collected this year.	..	...	...	3,234	23,030	2,011	...	9,693	148	3,790	18,631	564	8,089	15,509	2,139	41,906	2,876	8,575	3,602	15,436	50,066
	Outstanding at end of year.	...	...	23,840	52,963	23,933	35,604	83,939	57,862	36,714	30,774	37,674	37,110	48,874	34,252	52,793	10,890	15,860	7,285	59,022	59,859	9,418
HILSA.	Existing demand ...	54,981	54,984	54,992	54,079	54,433	54,050	53,919	54,608	54,580	54,861	54,973	55,014	55,118	54,998	54,995	54,931	53,554	53,964	54,213	54,161	54,270
	Suspended this year ...	...	...	920	8,264	...	4,375	39,211	682	18,369	...	6,960	...	1,710	...	3,463	...	385	...	44	...	...
	Remitted this year ...	514	...	...	...	...	...	...	3,002	38,908	...	...	...	...	...	...	...	75	...	...	...	..
	Outstandings collected this year.	2,040	...	...	..	4,917	1,265	6	4,983	603	4,597	9,844	6,040	5,831	120	184	3,213	145	306	...	...	44
	Outstanding at end of year.	920	9,184	4,267	7,377	46,532	39,279	17,837	13,240	10,356	4,316	195	75	3,854	141	306	...	44	44	...

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AREAS SOWN AND MATURED IN THE WHOLE TAHSIL EACH YEAR.
 The red line shews areas sown; the Green line shews areas matured.

SUMS REMAINING UNDER SUSPENSION AT THE END OF EACH YEAR.
 The continuous line shews sums subsequently recovered; the broken line sums remitted.



STATEMENT II.—SHEWING SUSPENSIONS AND REMISSIONS OF LAND REVENUE FOR EACH YEAR SINCE SETTLEMENT.

STATEMENT III-A.

STATEMENT III-A—SHOWING RECORDED AREAS OF LAND OF EACH CLASS NOW AND AT SETTLEMENT.

Circle.	Detail.	CULTIVATED AREA.									UNCULTIVATED AREA.					TOTAL AREA.
		Irrigated.			Unirrigated.						Available for cultivation.			Not available for cultivation.	Total uncultivated area.	
		Chahi.	Nabri and Abi.	Total irrigated.	Sailab.	Barani I (Had and Naladar).	Barani II (Mairn and Rarodary).	Barani III.	Total unirrigated.	Total cultivated area.	New waste.	Old waste.	Total available for cultivation.			
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	
JHELM.	Settlement	12,930	2,285	15,215	18,195	...	...	8,579	26,774	41,989	1,512	95,817	96,969	29,309	126,278	168,267
	1913-14	13,128	3,761	16,889	20,191	...	...	10,229	30,420	47,309	1,487	96,533	98,020	25,062	123,072	170,381
	Difference per cent.	+1.6	+64.5	+11	+10.8	...	...	+19.2	+13.5	+12.6	+29	+7	+1	-15	...	+1
JHAL.	Settlement	135	...	135	...	...	...	32,941	32,941	33,076	252	389,999	390,251	3,968	394,219	427,295
	1913-14	247	...	247	...	...	...	57,865	57,865	88,112	27	334,471	334,498	4,619	339,117	427,229
	Difference per cent.	+83	...	+83	...	...	...	+166	+166	+166	-90	-17	-17	+17	-14	...
MOHAV.	Settlement	146	884	1,030	65	33,068	50,832	9,735	93,700	94,730	3,070	272,399	276,069	122,427	398,496	493,226
	1913-14	267	1,313	1,580	195	39,752	63,271	13,971	122,189	123,769	5,389	251,173	256,562	114,429	370,991	494,760
	Difference per cent.	+83	+4.95	+53	+200	+20	+24	+95	+30	+30	+75	-8	-7	-7	-7	...
HILL.	Settlement	482	158	640	...	15,211	25,116	5,497	45,824	43,464	52	2,858	2,910	78,207	81,117	127,581
	1913-14	780	164	944	...	18,621	26,776	5,695	51,092	52,036	216	2,283	2,499	87,209	89,708	141,744
	Difference per cent.	+62	+4	+47	...	+22	+6	+4	+11	+11	+300	-20	-15	+11	+10	+11
LAKHIL.	Settlement	13,693	3,327	17,020	18,260	48,279	75,948	56,752	199,239	216,259	4,526	761,673	766,199	233,911	1,000,110	1,216,369
	1913-14	14,422	5,238	19,660	20,386	58,373	90,647	122,760	291,566	311,326	7,119	684,460	691,579	231,309	922,888	1,234,114
	Difference per cent.	+5	+57	+15	+11	+21	+19	+116	+46	+44	+57	-11	-11	-1	-7	+1.5

STATEMENT III-B—SHOWING QUINQUENNIAL VARIATIONS OF AREA AND WELLS BY CIRCLES (GOVERNMENT-OWNED LANDS ARE INCLUDED).

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Name of circle.	Agricultural year.	Total area.	Fovasta.	Unculturable.	Government waste.	Other culturable waste.	Total area uncultivated.	Chahi.	Nahri.	Sailab.	Barani I (Nasladar and Hali).	Barani II (Baridar and Maina).	Barani.	Total area cultivated.	Masonry wells in use.	Masonry wells not in use but usable.	Unlined wells and fountains.	REMARKS.
1	Jhelum (including Haveli Majokaj).	1891-92 1896-97 1901-02 1906-07 1911-12	183,528 185,990 186,026 183,012 186,015	70 15,013 13,485 14,842 14,841	28,892 29,824 29,455 28,390 27,171	14,160 ... 2 2 2	92,630 93,570 92,413 91,518 91,454	135,752 138,407 135,385 133,832 133,468	13,488 13,426 13,962 13,542 12,520	2,251 1,883 3,115 3,146 3,105	17,462 19,466 21,601 21,341 22,155	... ... ... ... ...	... ... ... ... ...	14,570 12,908 11,963 14,181 14,767	47,771 47,583 50,641 52,210 52,547	487 510 553 590 705	... ... ... 2 7	85 79 89 132 64	
2	Thal	1891-92 1896-97 1901-02 1906-07 1911-12	688,491 687,753 657,842 693,103 693,113	... 259,713 4,104 263,248 263,257	4,004 3,985 ... 4,006 4,017	258,408 ... 2 2 2	402,245 383,543 377,952 367,768 359,617	664,657 647,241 689,841 634,924 617,893	179 199 289 231 255	... ... ... ... ...	... ... ... ... ...	... ... ... ... ...	... ... ... ... ...	23,655 40,313 47,713 57,948 74,965	23,834 40,512 48,002 58,179 75,220	17 38 33 43 35	... ... ... 2 5	... ... ... ... ...
3	Mohar	1891-92 1896-97 1901-02 1906-07 1911-12	529,526 533,471 534,740 531,890 533,496	6 37,859 39,096 37,336 37,859	124,129 123,924 122,658 121,393 121,586	42,119 ... 8 9 10	268,487 253,679 255,634 256,135 250,287	434,741 415,151 417,336 414,773 409,742	143 177 275 181 260	918 1,241 1,294 1,176 1,250	73 198 58 63 123	33,871 38,328 38,158 38,041 33,405	50,532 65,404 65,687 65,865 70,224	9,218 12,973 11,932 12,851 12,452	94,785 118,309 117,374 118,117 123,754	27 36 44 46 50	... ... 7 11 6	... ... ... ... ...
4	Hill	1891-92 1896-97 1901-02 1906-07 1911-12	212,250 215,689 214,840 212,272 212,268	5 74,672 72,237 69,765 70,172	77,966 91,250 91,686 90,595 91,029	84,338 ... 1	2,883 2,422 2,293 2,015 2,145	167,192 177,764 196,390 162,676 163,246	496 567 689 764 692	156 122 181 147 103	... ... ... ... ...	15,550 15,433 15,734 15,802 15,335	25,458 26,077 26,181 23,772 26,742	5,398 5,736 5,836 6,111 6,050	47,058 47,935 48,650 49,596 48,922	216 253 277 311 313	... ... 13 10 12	2 ... 7 15 6	
	Total for the whole Tahsil.	1891-92 1896-97 1901-02 1906-07 1911-12	1,613,790 1,622,903 1,623,448 1,624,377 1,624,692	81 386,657 382,510 385,091 386,129	234,991 248,693 247,993 244,684 243,803	399,025 ... 13 13 14	766,245 733,214 728,265 716,387 694,503	1,400,342 1,368,564 1,353,781 1,346,175 1,324,449	14,306 14,369 15,215 14,718 13,727	3,325 3,246 4,560 4,469 4,498	17,535 19,652 21,659 21,404 22,278	49,421 53,761 53,891 53,843 54,740	76,020 91,481 91,868 92,577 96,966	52,841 71,330 77,474 91,091 108,234	213,448 254,339 264,667 278,102 300,443	747 837 907 990 1,183	... ... 20 25 30	87 79 96 147 70	

STATEMENT IV—SHOWING GAIN AND LOSS OF WELLS SINCE SETTLEMENT.

Circle.	Detail.	Number of masonry wells in use.	Number of masonry wells fit for use.	Average depth to water.	Average depth of water.	Number of unlined wells and jhalars.	Total number of wells and jhalars.	Average area irrigated per wheel.	WELLS EXISTING AT SETTLEMENT.			WELLS BUILT SINCE SETTLEMENT.		
									Still in use.	Fit for use.	Unfit for use.	Still in use.	Fit for use.	Unfit for use.
JHEJUM.	Settlement	506	21	15	7.5	85	591	21	...	...	...	...	...	...
	Now	606	48	11.5	8.5	56	662	20	330	35	162	276	13	10
	Difference per cent.	+20	+128	-28	+13	-34	+12	-5	...	...	...	...	...	...
THAL.	Settlement	16	1	60	4.25	...	16	8	...	...	...	...	...	...
	Now	36	2	53	4.5	...	36	7	14	2	1	22	...	...
	Difference per cent.	+125	+100	-12	+6	...	+125	-12	...	...	...	...	...	...
MORAR.	Settlement	28	...	50	8	...	28	5	...	...	...	...	...	...
	Now	44	14	46	8	...	44	6	22	3	3	22	11	...
	Difference per cent.	+57	...	-8	...	...	+57	+20	...	...	...	...	...	...
HILL.	Settlement	204	13	23	8	2	206	2.5	...	...	...	...	...	...
	Now	340	28	17	12	6	346	2.5	162	18	37	178	10	2
	Difference per cent.	+66	+115	-26	+50	...	+67	...	...	...	...	...	...	...
TAUSIL.	Settlement	754	35	19	7.5	87	841	16	...	...	...	...	...	...
	Now	1,026	92	16	9.5	62	1,088	13	528	58	203	498	34	12
	Difference per cent.	+36	+163	-16	+27	-29	+29	-19	...	...	...	...	...	...

STATEMENT V-A - SHOWING POPULATION, LIVESTOCK, AND AGRICULTURAL EQUIPMENT NOW AND AT SETTLEMENT.

Circle.	POPULATION.		LIVESTOCK.													EQUIPMENT.		
	Census year.	Number of persons.	Year.	Bulls and bullocks.	Cows.	He-buffaloes.	Cow-buffaloes.	Young stock.	Total of horned cattle.	Sheep.	Goats.	Horses and ponies.	Mules.	Donkeys.	Camels.	Ploughs.	Carts.	Boats.
JHEJUM.	1891	41,638	Settlement	9,093	8,603	303	1,964	5,003	24,966	16,119	6,371	581	15	1,544	670	3,024	45	153
	1901	47,383	1909 ...	9,309	10,296	435	3,044	7,163	30,247	18,802	7,002	555	39	1,892	914	4,010	43	80
	1911	42,234	1914 ...	10,917	12,346	197	4,118	7,734	35,212	18,120	8,465	859	18	2,214	981	4,255	37	84
THAL.	1891	16,080	Settlement	11,500		8	...	7	11,515	74,104	10,221	114	3	671	3,360	2,223	...	...
	1901	20,057	1909 ...	9,989	13,388	26	181	7,688	31,272	136,393	24,106	246	6	1,705	5,321	5,010	1	...
	1911	24,855	1914 ...	13,078	19,370	4	89	8,231	40,772	127,821	21,822	304	...	2,097	5,629	5,894	...	...
MOHAR.	1891	58,107	Settlement	46,279		1,449	1,450	...	49,178	30,899	18,843	705	45	3,013	2,069	7,042	4	...
	1901	61,304	1909 ...	18,238	21,135	215	2,453	13,320	55,361	55,548	30,150	1,012	51	5,829	2,716	8,076	41	...
	1911	66,004	1914 ...	19,366	23,992	44	2,947	13,793	60,142	51,314	28,021	1,346	61	5,455	2,310	8,007	36	...
HILL.	1891	34,315	Settlement	10,760	9,770	242	1,564	4,525	26,861	17,228	21,799	525	80	2,218	279	5,334	...	...
	1901	35,196	1909 ...	10,874	10,884	258	1,403	8,685	32,104	27,096	26,737	491	51	3,339	208	4,936	2	...
	1911	42,334	1914 ...	13,104	12,104	196	2,213	7,229	34,846	19,702	25,939	722	60	3,768	255	5,566	...	...
WHOLE TAMIL.	1891	150,090	Settlement	96,005		2,002	4,978	9,525	112,520	188,350	57,234	1,925	143	7,446	6,378	17,623	49	152
	1901	163,940	1909 ...	48,410	55,703	934	7,080	36,857	148,984	237,839	57,995	2,344	147	12,765	9,159	22,032	87	80
	1911	175,517	1914 ...	56,365	67,512	441	9,367	36,987	170,972	216,957	84,247	3,231	179	13,534	9,175	23,722	73	84

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STATEMENT V-B—SHOWING DISTRIBUTION OF LAND AND REVENUE BY MAIN TRIBES.

Tribe of owners.	DETAIL OF MONEY-LENDING TRIBES.																													
	Hindus.										Non-Hindus.																			
	Chitris.	Ahirs.	Arains.	Awans.	Balochs.	Gujjars.	Jats.	Kambohs.	Khojhar.	Mallars.	Mughals.	Pathans.	Qureshis.	Rajputs.	Sayyads.	Total agriculturists.	Money-lenders.	Others.	Total non-agriculturists.	Government.	Village sites.	Total.	Khatri.	Arora.	Brahman and others.	Total.	Pircha and Khoja.	Shah Kanungo.	Total.	Total money-lenders.
JHESSUR.	Total area, acres ...	4,705	28	10,222	34,630	...	8,783	46	39,536	...	1,546	692	3,898	34,746	14,789	163,581	12,996	1,256	14,252	1,648	900	170,381	562	11,753	341	12,656	...	340	340	12,996
	Cultivated area, acres	949	31	4,553	9,226	...	3,607	38	10,703	...	186	157	764	9,443	3,607	43,253	3,292	748	4,040	12	4	47,309	283	2,713	91	3,087	...	205	205	3,292
	Revenue, Rs. ...	1,144	31	4,506	10,657	...	7,703	134	15,408	...	286	164	1,503	10,588	4,573	66,577	5,267	843	6,110	4	...	62,991	390	4,364	175	4,938	...	329	329	5,267
TRAL.	Total area, acres ...	326	754	11,478	30,631	712	261,138	...	14,258	...	6,544	206	20,637	3,369	350,153	42,649	32,672	75,320	246	1,510	427,229	...	41,420	1,228	42,648	...	...	...	42,648	
	Cultivated area, acres	92	329	2,925	7,920	134	49,045	...	3,365	...	1,530	41	5,441	1,061	71,783	10,619	5,720	16,330	...	...	88,112	...	10,521	89	10,610	...	...	...	10,610	
	Revenue, Rs. ...	10	27	380	931	16	7,109	...	387	...	194	2	594	116	9,756	1,437	637	2,074	...	...	11,530	...	1,370	67	1,437	...	...	...	1,437	
MOHAR.	Total area, acres ...	959	2	209,709	204	392	66,729	...	45,742	2	24	16,437	606	131,671	1,912	474,059	8,770	8,521	17,291	2,007	1,403	494,700	356	7,962	281	8,593	...	177	177	8,770
	Cultivated area, acres	92	2	58,770	91	198	16,093	...	9,709	2	23	4,359	401	27,987	661	118,394	2,398	2,919	5,317	58	...	123,769	119	2,133	146	2,398	...	...	...	2,398
	Revenue, Rs. ...	57	2	35,076	76	124	7,795	...	4,064	2	14	3,254	165	12,838	289	63,736	1,172	1,898	3,070	...	...	66,896	66	886	170	1,122	...	50	50	1,172
HILL.	Total area, acres ...	...	39	122,914	4	43	273	...	14	128	...	39	9,304	1,724	3,174	137,655	2,291	1,100	3,391	252	476	141,774	876	430	979	2,285	...	6	6	2,291
	Cultivated area, acres	...	32	45,598	...	42	245	...	6	119	...	31	2,461	875	761	50,190	1,219	611	1,830	12	4	52,036	721	294	204	1,219	...	...	...	1,219
	Revenue, Rs. ...	...	44	47,960	5	51	254	...	7	196	...	24	1,616	709	716	51,602	1,117	768	1,885	...	...	53,487	909	398	110	1,117	...	...	...	1,117
TOTAL TANGIL.	Total area, acres ...	5,990	823	354,323	65,659	1,147	336,973	46	99,550	130	1,570	23,312	14,014	188,778	23,124	1,115,448	66,705	43,549	110,254	4,153	4,289	1,234,144	1,788	61,565	2,629	66,182	...	523	523	66,705
	Cultivated area, acres	1,139	283	111,646	17,237	374	68,990	38	23,763	121	203	6,077	3,667	43,746	6,110	283,619	17,519	9,998	27,517	82	8	311,226	1,123	15,661	530	17,314	...	205	205	17,519
	Revenue, Rs. ...	1,211	104	68,032	11,669	191	62,951	134	19,868	198	300	3,636	3,266	24,719	5,674	1,91,971	8,993	4,146	13,139	4	...	195,114	1,074	7,018	522	8,614	...	379	379	8,993

Does not include Rs. 2,400 in tirni.

STATEMENT VI—SHOWING SIZE OF HOLDINGS PER HEAD OF RECORDED OWNERS, WITH AREAS MORTGAGED AND FREE.

Assessment circle.	Status.	Number of persons.	Total cultivated area in holding.	Average cultivated area per person.	Cultivated area mortgaged with possession.	Cultivated area not mortgaged with possession.	Average area per person mortgaged with possession.	Average cultivated area per person free of mortgage.	REMARKS.
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	
JHRIUM CIRCLE.	Owner	5,774	47,309	8	7,401	39,908	1	7	
	Occupancy tenant ..	1,246	2,405	2	426	1,979	...	2	
THAL CIRCLE.	Owner	5,442	88,112	16	3,104	85,008	1	15	
	Occupancy tenant ...	112	178	1	...	178	...	1	
MOHAR CIRCLE.	Owner	14,206	123,769	9	12,472	111,297	1	8	
	Occupancy tenant ...	961	3,686	4	444	3,242	1	3	
HILL CIRCLE.	Owner	10,256	52,026	5	6,306	45,730	1	4	
	Occupancy tenant ...	186	432	2	12	420	...	2	
KUSHAB TAHSIL.	Owner	35,678	311,475	9	29,283	282,192	1	8	
	Occupancy tenant ...	2,505	6,701	3	882	5,819	...	3	

STATEMENT VII-A—SHOWING SALES SINCE SETTLEMENT.

Name of circle.	Status of vendee.	OWNER.							OCCUPANCY TENANT.							REMARKS.
		Total area.	Cultivated area.	Revenue.	Consideration money.	Average price per acre.	Average price per acre cultivated.	Multiple of revenue.	Total area.	Cultivated area.	Revenue.	Consideration money.	Average price per acre.	Average price per acre cultivated.	Multiple of revenue.	
		Acres.	Acres.	Rs.	Rs.	Rs.	Rs.		Acres.	Acres.	Rs.	Rs.	Rs.	Rs.		
JHELUM CIRCLE.	Agriculturists	9,347	2,946	3,542	2,44,113	26	83	69	117	107	139	9,615	82	90	69	
	Money-lenders	6,806	1,304	1,708	71,170	10	55	42	33	26	43	1,596	48	61	37	
	Others	189	126	181	14,415	76	114	80	11	8	11	963	88	120	88	
	Total	16,342	4,376	5,431	3,29,698	20	75	61	161	141	193	12,174	75	86	63	
THAL CIRCLE.	Agriculturists	1,708	1,037	241	32,722	19	32	135	...	...	...	...	...	...	...
	Money-lenders	1,347	693	147	23,586	18	34	160	...	...	...	...	...	...	...
	Others	120	108	35	2,785	23	26	80	...	...	...	...	...	...	...
	Total	3,175	1,838	423	59,093	19	32	140	...	...	...	...	...	...	...
MOHAR CIRCLE.	Agriculturists	27,424	6,631	3,635	5,81,189	21	88	160	216	113	57	6,963	31	62	122	
	Money-lenders	6,888	1,319	649	1,55,079	23	118	239	16	9	3	759	47	84	253	
	Others	348	164	87	13,379	38	82	154	...	...	...	...	...	...	...
	Total	34,610	8,114	4,371	7,49,647	22	92	171	232	122	60	7,722	33	63	128	
HILL CIRCLE.	Agriculturists	4,126	2,875	2,945	5,41,356	131	188	184	26	25	...	2,209	85	88	...	
	Money-lenders	639	479	462	76,357	119	159	165	2	2	2	494	247	247	247	
	Others	75	62	70	12,676	169	204	181	1	1	1	80	80	80	80	
	Total	4,840	3,416	3,477	6,30,389	130	184	181	29	28	3	2,783	96	99	928	

STATEMENT VII-B—SHOWING SALES FOR EACH QUINQUENNIAL SINCE SETTLEMENT OF KHUSHAB TAHSIL.

Name of circle.	Status of vendee.	FOR JHELUM, THAL AND MOHAR CIRCLES 1891-92 to 1892-93. FOR HILL CIRCLE 1889-90 to 1892-93.					1893-94 to 1897-98.					1898-99 to 1902-03.					1903-04 to 1907-08.					1908-09 to 1912-13.					REMARKS.
		Total area.	Cultivated area.	Revenue.	Consideration money.	Average price per acre of total area.	Total area.	Cultivated area.	Revenue.	Consideration money.	Average price per acre of total area.	Total area.	Cultivated area.	Revenue.	Consideration money.	Average price per acre of total area.	Total area.	Cultivated area.	Revenue.	Consideration money.	Average price per acre of total area.	Total area.	Cultivated area.	Revenue.	Consideration money.	Average price per acre of total area.	
		Acres.	Acres.	Rs.	Rs.	Rs.	Acres.	Acres.	Rs.	Rs.	Rs.	Acres.	Acres.	Rs.	Rs.	Rs.	Acres.	Acres.	Rs.	Rs.	Rs.	Acres.	Acres.	Rs.	Rs.	Rs.	
TOTAL OF THE JHELUM CIRCLE.	Agriculturists	1,529	303	302	17,295	11	989	441	1,102	31,308	32	1,492	600	698	53,887	36	2,515	544	866	52,861	21	3,269	977	1,053	1,08,541	33	
	Money-lenders	10	10	18	701	70	18	14	19	1,690	94	15	14	22	1,255	84	47	40	40	3,621	77	30	30	32	2,338	78	
	Others	2,693	433	462	19,757	7	2,283	428	872	58,922	26	1,162	335	494	33,332	29	779	123	168	14,804	19	48	27	41	3,774	79	
		12	12	20	899	75	8	7	13	1,405	176	14	16	22	1,038	73	...	...	...	...	...	7	7	9	452	65
TOTAL OF THE THAL CIRCLE.	Agriculturists	18	18	5	239	13	280	234	56	8,272	30	225	168	39	4,542	20	296	237	53	7,014	24	1,047	646	91	19,049	18	
	Money-lenders	25	19	4	452	18	343	201	50	5,650	16	661	367	84	10,972	17	22	22	4	637	29	331	100	14	6,673	20	
	Others	4	4	1	36	9	27	27	7	333	12	54	54	13	880	16	1	1	...	85	35	35	22	4	1,246	36	
	
TOTAL OF THE MOHAR CIRCLE.	Agriculturists	429	200	111	9,368	22	4,533	1,786	1,196	1,14,617	25	5,498	1,425	797	83,057	15	7,597	1,719	930	1,21,790	16	10,978	1,686	1,351	2,81,310	26	
	Money-lenders	9	4	2	60	7	86	37	15	1,154	13	32	23	14	956	30	88	25	18	874	10	71	61	34	6,800	96	
	Others	109	32	22	3,302	30	953	457	260	27,161	29	5,849	828	363	72,438	12	704	195	105	32,913	47	588	72	39	36,558	62	
		27	19	10	778	29	136	74	46	5,828	43	339	78	39	4,864	14	46	17	9	1,166	25	207	36	28	4,044	20	
TOTAL OF THE HILL CIRCLE.	Agriculturists	387	307	319	30,278	92	1,019	834	989	1,35,180	133	828	579	628	85,972	104	1,667	1,082	954	1,82,657	110	822	495	494	1,95,586	238	
	Money-lenders	55	48	49	5,806	106	145	132	140	15,226	105	237	201	199	32,993	139	268	152	153	27,053	101	18	16	16	7,405	411	
	Others	19	16	25	2,606	137	37	29	31	4,525	122	47	38	31	6,314	134	18	17	12	2,991	166	9	3	4	3,855	428	
	

NOTE.—Antique figures are for the occupancy tenants.

STATEMENT VIII-B—SHOWING MORTGAGES EFFECTED DURING EACH QUINQUENNium SINCE SETTLEMENT.

Name of circle.	Status of mortgagee.	FOR JHELUM, THAL AND MOHAR CIRCLES 1891-92 TO 1892-93. FOR HILL CIRCLE 1889-90 TO 1892-93.					1893-94 TO 1897-98.					1898-99 TO 1902-03.					1903-04 TO 1907-08.					1908-09 TO 1912-13.					REMARKS.
		Total area.	Cultivated area.	Revenue.	Consideration money.	Average consideration money per acre.	Total area.	Cultivated area.	Revenue.	Consideration money.	Average consideration money per acre.	Total area.	Cultivated area.	Revenue.	Consideration money.	Average consideration money per acre.	Total area.	Cultivated area.	Revenue.	Consideration money.	Average consideration money per acre.	Total area.	Cultivated area.	Revenue.	Consideration money.	Average consideration money per acre.	
		Acres.	Acres.	Rs.	Rs.	Rs.	Acres.	Acres.	Rs.	Rs.	Rs.	Acres.	Acres.	Rs.	Rs.	Rs.	Acres.	Acres.	Rs.	Rs.	Rs.	Acres.	Acres.	Rs.	Rs.	Rs.	
TOTAL OF THE JHELUM CIRCLE.	Agriculturists ...	927	306	360	15,492	17	2,006	844	1,028	38,807	19	1,113	587	832	30,885	28	810	418	456	21,241	26	1,196	596	685	34,568	29	
	Money-lenders ...	12	12	16	381	32	24	23	28	926	38	45	35	46	2,654	59	47	44	53	2,422	51	28	25	37	1,750	62	
	Others ...	1,300	762	762	32,966	25	5,956	2,852	3,873	95,131	16	2,872	1,100	1,617	70,927	25	756	266	362	12,344	16	3,227	396	441	15,277	5	
		68	64	69	2,259	33	182	172	236	6,760	37	52	49	54	2,143	41	8	8	4	374	47	3	3	6	80	27	
TOTAL OF THE THAL CIRCLE.	Agriculturists ...	102	169	112	2,487	24	453	300	330	9,240	20	105	80	110	4,008	47	34	20	25	760	22	162	134	229	2,392	15	
	Money-lenders ...	10	10	19	385	38	42	42	61	1,288	30	6	5	11	500	83	7	7	6	479	68	1	1	2	99	99	
	Others ...	38	38	5	139	4	107	96	28	1,216	11	63	60	8	1,241	20	29	29	4	390	13	40	40	7	1,216	30	
		2,425	443	100	3,255	1	3,107	925	256	6,974	2	1,505	1,459	988	11,178	7	39	39	49	467	12	83	82	12	1,317	16	
TOTAL OF THE MOHAR CIRCLE.	Agriculturists ...	4	4	...	75	19	15	15	5	153	10	48	48	16	696	14	...	...	...	...	...	...	...	...	...	...
	Money-lenders ...	447	296	175	7,519	17	6,671	3,243	1,817	77,439	12	3,758	2,204	1,361	70,196	19	5,603	3,281	1,992	1,18,936	21	7,867	4,165	2,630	2,63,492	36	
	Others ...	18	10	6	64	3	228	98	53	2,470	11	80	51	23	1,432	18	167	73	41	2,127	13	158	102	59	7,726	49	
		908	430	236	11,317	12	8,476	4,387	2,810	1,32,130	16	6,045	3,083	2,188	1,13,061	19	334	226	117	10,536	31	436	272	546	11,532	26	
TOTAL OF THE HILL CIRCLE.	Agriculturists ...	36	22	8	307	8	259	164	135	3,334	13	278	182	103	5,157	19	17	7	6	1,044	64	...	...	...	...	...
	Money-lenders ...	194	94	70	3,941	20	1,274	677	440	22,844	18	1,062	570	434	22,852	21	132	73	44	4,224	32	382	162	117	15,121	39	
	Others ...	...	...	...	...	...	37	19	5	764	20	51	38	25	635	12	6	3	...	99	16	14	5	9	329	23
		517	434	529	31,281	61	3,152	2,644	3,177	1,56,573	50	1,820	1,544	1,796	1,16,933	64	3,568	2,990	3,370	3,17,583	89	3,335	2,978	3,395	5,26,305	158	
TOTAL OF THE HILL CIRCLE.	Agriculturists ...	...	...	...	...	...	17	17	1	539	32	7	7	...	220	31	1	1	...	200	200	8	8	5	697	86
	Money-lenders ...	738	635	681	22,960	31	3,453	2,905	3,331	1,66,938	48	4,995	1,771	2,071	91,900	18	62	57	63	4,903	74	86	3	7	400	5	
	Others ...	144	128	136	6,076	43	770	724	835	41,410	54	398	373	437	25,108	63	45	41	37	1,910	43	31	30	33	1,959	63	
		...	...	...	...	...	...	...	...	...	...	1	1	1	35	35	...	...	...	...	...	...	...	...	...	...

NOTE.—Antique figures are for the occupancy tenants.

STATEMENT VIII-C—SHOWING REDEMPTION EFFECTED DURING EACH QUINQUENNIAL SINCE SETTLEMENT.

Name of circle.	Status of mortgagee.	FOR JERLUM, THAL AND MOHAR CIRCLES 1891-92 to 1892-93. FOR HILL CIRCLE 1889-90 to 1892-93.					1893-94 to 1897-98.					1898-99 to 1902-03.					1903-04 to 1907-08.					1908-09 to 1912-13.					REMARKS.
		Total area.	Cultivated area.	Revenue.	Consideration money.	Average.	Total area.	Cultivated area.	Revenue.	Consideration money.	Average.	Total area.	Cultivated area.	Revenue.	Consideration money.	Average.	Total area.	Cultivated area.	Revenue.	Consideration money.	Average.	Total area.	Cultivated area.	Revenue.	Consideration money.	Average.	
		Acres.	Acres.	Rs.	Rs.	Rs.	Acres.	Acres.	Rs.	Rs.	Rs.	Acres.	Acres.	Rs.	Rs.	Rs.	Acres.	Acres.	Rs.	Rs.	Rs.	Acres.	Acres.	Rs.	Rs.	Rs.	
JERLUM CIRCLE.	Agriculturists ...	2,322	1,083	1,047	22,089	10	5,673	3,080	2,428	62,508	9	4,431	1,774	2,257	55,336	12	4,507	1,535	2,100	62,968	14	3,905	1,680	2,075	88,932	23	
	Money-lenders ...	2	2	2	39	19	138	127	200	4,042	32	83	74	120	2,930	25	104	86	113	3,443	22	124	112	155	4,430	36	
	Others ...	148	59	71	1,784	12	822	522	740	15,503	19	570	274	487	11,017	19	1,174	479	464	10,940	9	1,701	534	800	2,753	12	
		5	4	7	162	32	5	5	8	91	18	9	8	14	530	59	10	7	7	216	22	20	11	11	168	8	
THAL CIRCLE.	Agriculturists ...	48	20	...	782	16	101	73	128	2,420	24	32	27	44	1,023	32	61	52	20	1,034	17	20	21	30	1,491	51	
	Money-lenders ...	9	7	15	190	21	37	31	25	662	18	33	33	41	1,014	31	13	12	16	555	43	19	19	22	685	36	
	Others ...	46	46	11	40	1	422	403	96	2,217	5	2,310	278	93	1,744	1	665	618	134	4,335	7	2,975	910	167	8,001	3	
	
MOHAR CIRCLE.	Agriculturists ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Money-lenders ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Others ...	19	11	7	124	6	139	82	48	1,621	12	148	84	39	1,808	23	150	76	41	1,431	10	237	123	67	3,377	14	
		141	83	66	2,287	16	1,578	744	432	12,935	8	1,364	731	413	12,836	9	1,009	404	545	10,729	11	944	452	278	13,467	14	
HILL CIRCLE.	Agriculturists ...	190	156	141	4,089	23	531	316	214	7,216	14	592	376	222	8,759	15	131	102	50	3,079	23	688	430	327	15,234	22	
	Money-lenders ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Others ...	673	561	644	24,243	36	2,972	2,662	3,525	1,31,666	41	1,128	977	1,112	50,841	45	4,319	3,587	3,819	1,92,897	45	3,171	2,661	3,451	2,87,761	91	
		
HILL CIRCLE.	Agriculturists ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Money-lenders ...	456	408	372	10,636	23	2,331	1,069	2,334	83,736	36	1,109	984	1,145	44,523	49	1,872	1,645	1,885	74,217	40	1,858	1,532	1,594	90,733	49	
	Others ...	170	153	176	6,175	36	599	504	711	21,354	35	227	213	266	11,565	61	390	363	443	20,656	53	183	169	191	10,457	53	

NOTE.—Antique figures denote area under occupancy tenants.

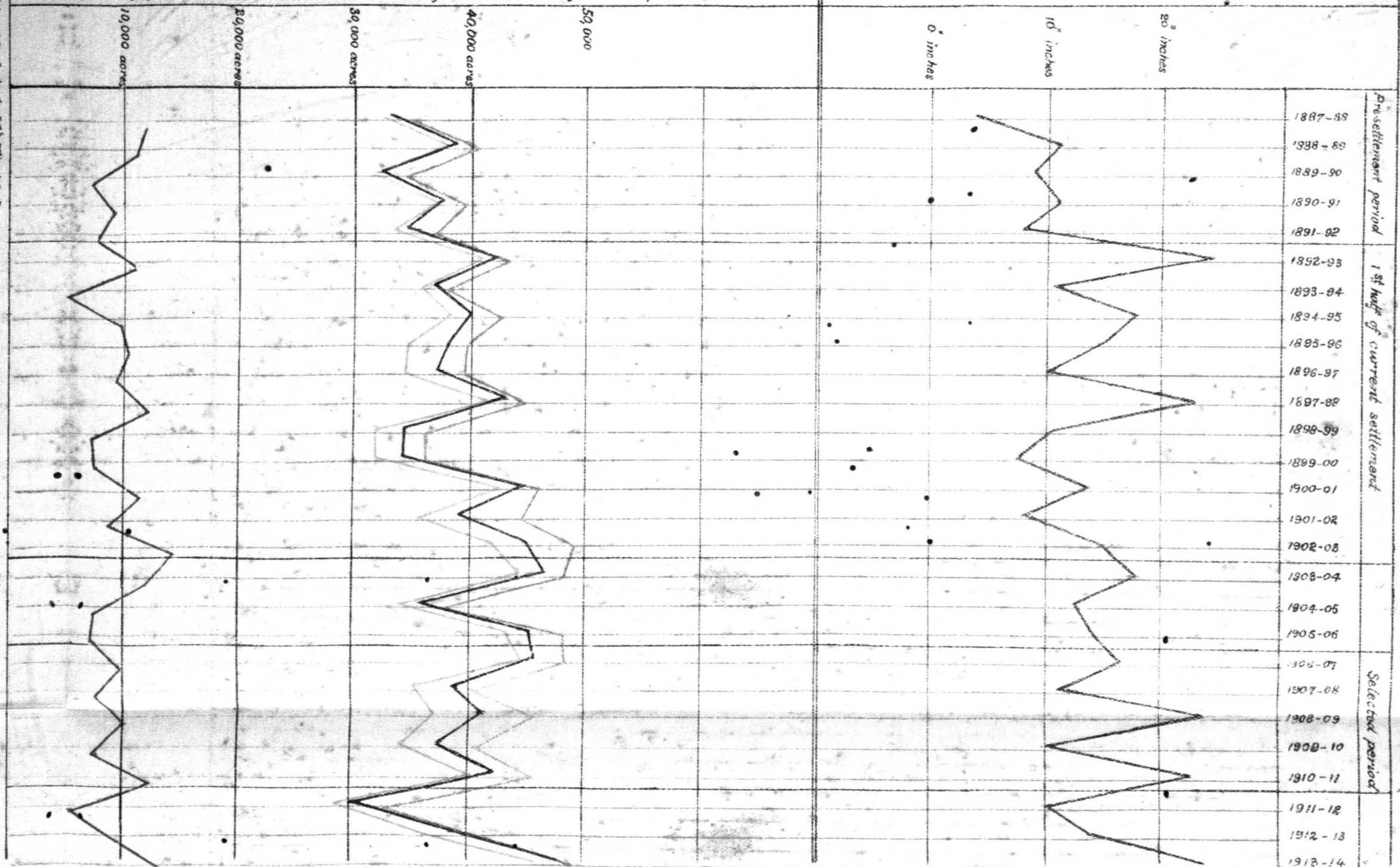
STATEMENT IX-A--SHOWING MATURED AND FAILED AREA (INCLUDING GOVERNMENT OWNED LANDS) FOR EACH YEAR SINCE SETTLEMENT.

(a) — Jhelum Circle.

Harvest	Year.	Acres.																						
		1891-92.	1892-93.	1893-94.	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.	1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.
Kharif.	Chah	2,288	2,600	1,627	2,335	2,664	2,707	2,489	2,091	2,463	2,784	2,350	2,909	2,223	2,093	1,544	1,899	2,080	2,085	1,749	1,915	2,030	1,935	2,086
	Nahri	50	407	88	103	297	894	478	136	607	610	150	990	353	364	306	299	117	577	274	359	39	551	828
	Sailab	2,206	1,842	1,130	1,494	3,013	3,767	3,944	3,106	3,679	5,053	3,103	5,935	2,793	3,934	3,215	3,360	2,866	2,237	3,061	3,853	2,748	4,029	4,589
	Barani	2,517	5,964	1,775	5,181	3,919	1,874	4,718	1,593	516	2,333	2,520	4,079	3,028	620	1,623	3,695	1,825	4,639	1,504	5,883	128	2,470	5,856
	Total matured	7,071	10,813	4,620	9,113	9,593	9,042	11,670	6,926	7,246	10,980	6,133	13,942	11,402	7,011	6,688	9,252	6,888	9,729	6,588	12,030	4,945	8,965	13,427
Total failed	797	1,425	1,202	1,802	3,645	3,248	1,402	2,735	2,581	1,569	3,427	3,113	2,432	1,741	2,375	1,171	3,368	3,272	2,654	1,943	1,373	3,350	2,167	
Rabi.	Chahi	9,598	8,000	8,928	8,739	9,044	10,112	9,442	10,818	11,079	9,799	10,416	10,837	9,593	10,754	9,788	9,425	9,113	8,192	9,001	8,445	8,307	8,618	8,884
	Nahri	1,136	1,363	1,707	1,253	461	197	1,230	629	216	2,077	921	532	1,379	839	1,778	2,154	1,379	1,860	1,861	1,679	1,008	1,278	2,144
	Sailab	14,312	13,694	16,496	15,489	14,325	13,138	16,331	12,790	12,058	16,465	15,247	14,245	18,273	14,208	19,314	17,549	16,647	13,641	14,967	13,905	13,106	16,015	16,567
	Barani	1,380	3,938	3,569	33,79	682	1,320	2,914	316	19	3,000	621	3,122	3,415	692	4,982	5,890	633	4,942	1,605	4,038	99	395	4,520
	Total matured	24,426	30,004	30,700	28,855	24,512	24,752	29,917	24,551	23,972	31,431	27,207	27,736	32,665	26,483	36,662	34,968	27,672	28,135	27,194	29,127	23,120	26,306	32,135
Total failed	1,825	741	690	2,146	1,119	1,664	1,168	1,107	1,506	1,430	5,278	4,329	1,943	1,753	2,535	2,216	1,859	4,569	3,526	2,956	2,268	1,401	1,259	
TOTAL.	Chahi	11,896	10,600	10,555	11,074	11,708	12,819	11,931	12,909	14,132	12,533	12,768	13,745	11,821	12,847	11,332	11,324	11,193	10,277	10,750	10,380	10,237	10,553	10,970
	Nahri	1,186	1,770	1,795	1,301	758	891	1,709	705	823	2,087	1,071	1,522	1,732	1,193	2,094	2,452	1,396	1,937	2,135	2,038	1,647	1,829	2,970
	Sailab	16,613	16,536	17,626	16,963	17,338	16,890	20,275	15,896	15,729	21,518	18,350	20,210	21,071	18,149	22,529	20,909	19,513	15,978	17,738	17,758	15,854	20,044	21,248
	Barani	3,907	9,902	5,344	8,550	4,601	3,194	7,672	1,909	535	5,623	3,141	6,201	9,443	1,312	6,805	9,555	2,458	9,572	3,109	9,981	227	2,865	10,376
	Total matured	33,497	40,817	35,320	37,968	34,405	33,794	41,687	31,479	31,218	42,411	36,520	41,678	44,067	33,494	42,550	44,240	34,560	37,664	33,722	40,167	28,065	35,291	45,562
Total failed	2,622	1,166	1,882	4,008	4,764	5,012	2,570	3,842	4,087	2,999	8,705	7,442	4,075	3,407	4,910	3,387	5,247	7,841	6,350	4,029	3,641	4,751	3,446	

RAINFALL IN INCHES.

HARVESTS IN ACRES;
 The Red line shews Total area sown; the Yellow line shews Total area matured;
 the Green and Black lines shew Kharif matured and failed respectively.



File No. 1000 of the Commission of the Land Revenue Department, Madras Province, 1913-14.

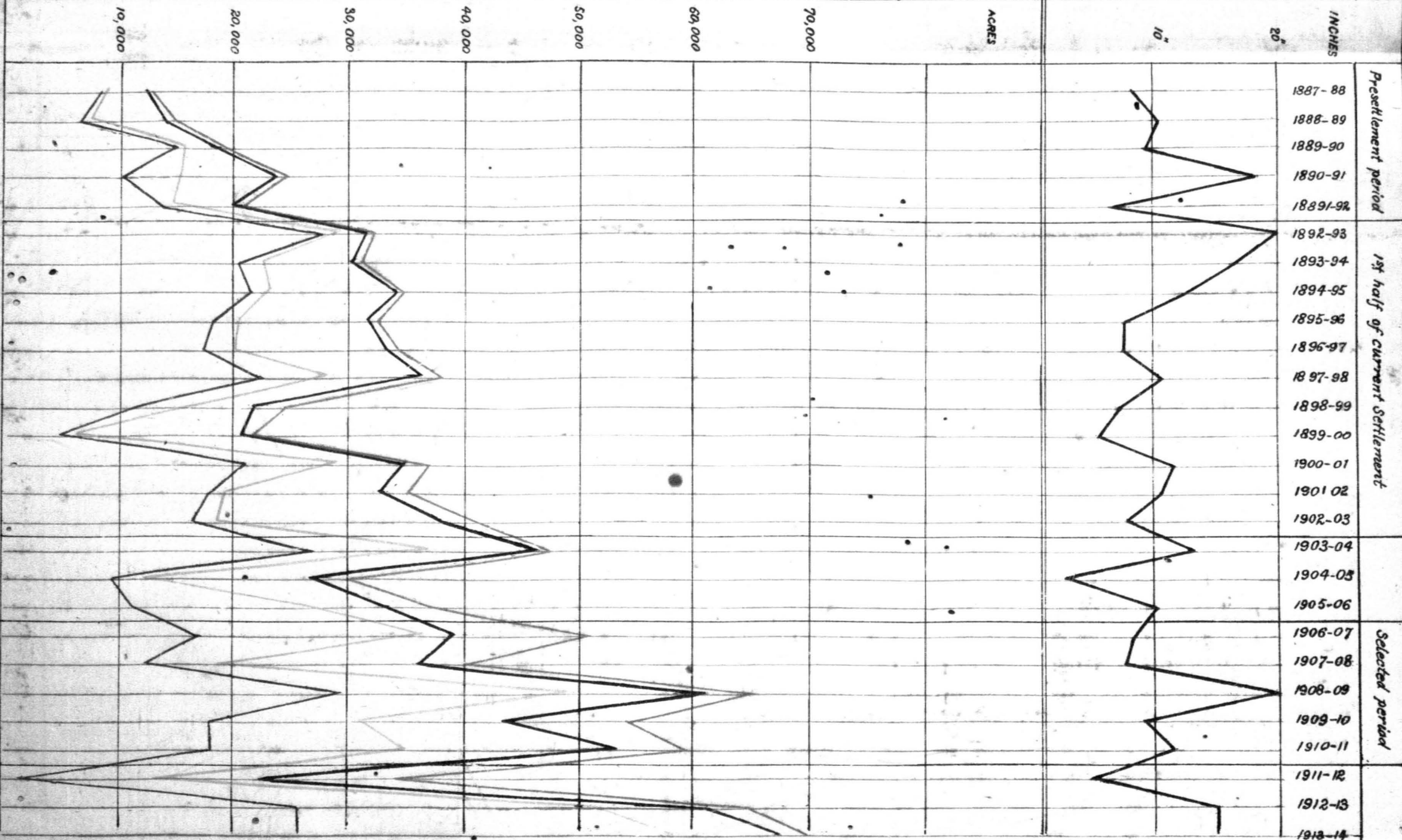
Pre-settlement period

1st half of current settlement

Selected period

HARVESTS.

The Red line shows Total area sown; the Yellow line shows Total area matured; the Green and Black lines show Kharif area matured and Kharif area failed respectively.



Ed. Mohamed Ali, Comptroller, P.O. Office, 8-2-14
 Punjab Agricultural Prices Board.

DIAGRAM COMPARING HARVESTS WITH RAINFALL. (TOTAL CIRCLES)

(b) Thal Circle.

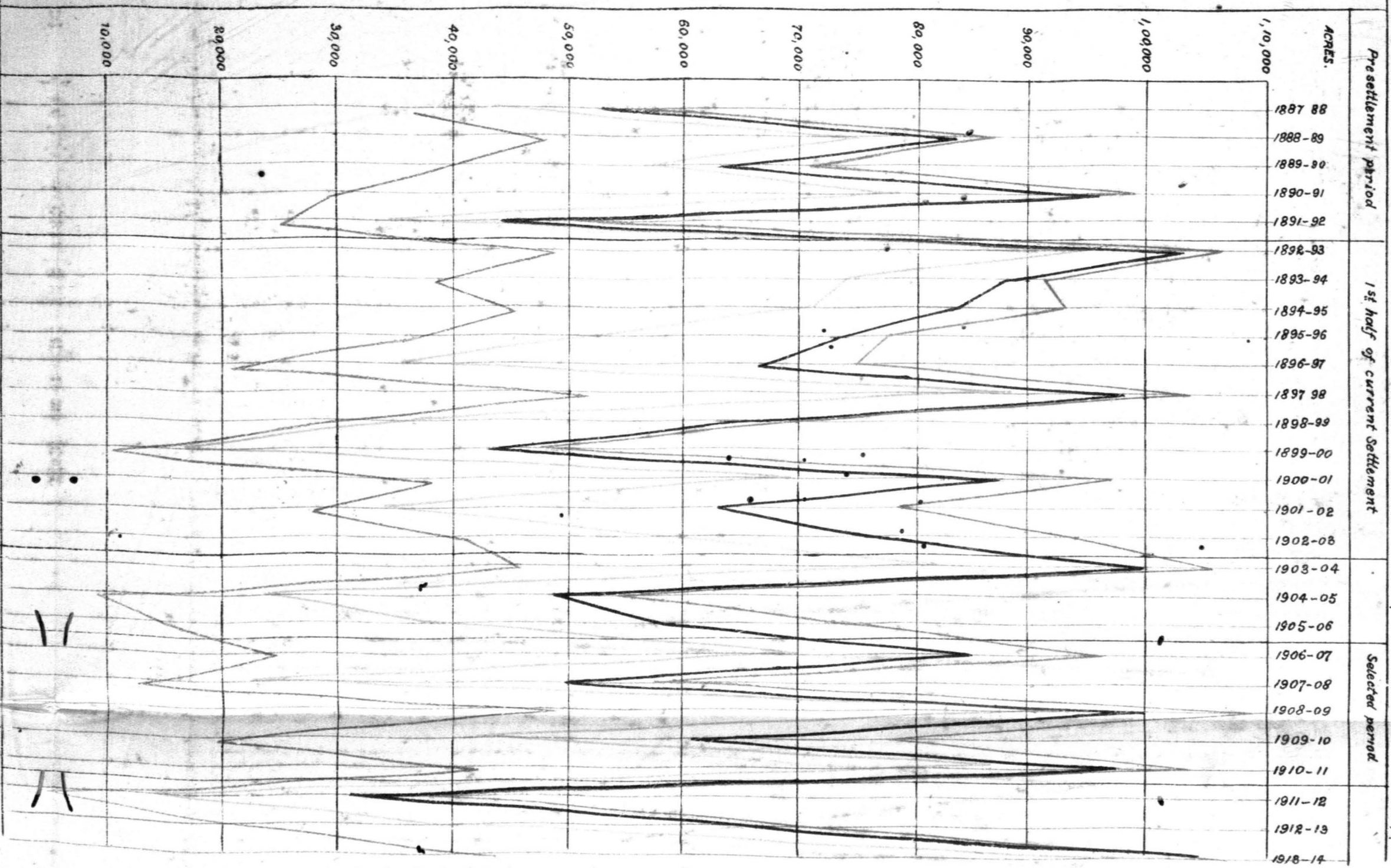
Harvest.	Year.																							
	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	1909-1000.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	
Kharif.	Chahi ...	8	8	5	...	8	6	8	9	11	4	7	12	3	4	3	2	6	2	2	2	10	...	3
	Barani ...	13,838	27,894	20,197	21,412	18,357	17,164	22,133	11,762	4,720	21,516	17,767	16,197	26,784	9,198	11,024	16,779	11,912	29,632	17,491	18,038	818	25,318	25,291
	Total matured ...	13,846	27,842	20,202	21,412	18,365	17,170	22,141	11,771	4,731	21,320	17,764	16,190	26,786	9,202	11,027	16,781	11,918	29,634	17,493	18,040	828	25,318	25,293
	Total failed ...	5,337	2,156	8,483	10,835	11,316	13,392	8,586	6,359	15,810	5,865	13,495	19,091	9,571	14,514	6,781	8,020	17,215	12,789	18,155	18,225	9,514	9,837	8,905
Rabi.	Chahi ...	111	76	146	109	169	173	192	223	123	103	151	146	117	148	146	129	105	150	186	230	137	174	
	Barani ...	529	1,725	1,640	1,616	1,703	2,463	5,460	3,883	135	7,589	1,123	2,399	10,061	2,258	14,909	19,459	6,374	19,121	12,770	17,054	11,608	25,354	32,959
	Total matured ...	640	1,801	1,786	1,755	1,872	2,636	5,652	4,111	258	7,692	1,274	2,545	10,178	2,406	15,057	19,605	6,503	19,226	12,929	17,240	11,838	25,491	33,133
	Total failed ...	539	63	568	306	346	653	1,079	1,916	176	3,076	2,295	2,345	827	3,930	4,440	6,425	4,240	3,316	10,623	5,788	10,454	3,336	2,004
Total.	Chahi ...	119	84	151	109	177	179	200	237	134	107	158	148	119	152	151	148	135	107	161	188	240	137	176
	Barani ...	14,367	29,559	21,837	23,059	20,090	19,627	27,593	15,645	4,855	23,905	18,880	18,596	36,345	11,456	25,933	36,238	18,286	48,753	30,261	35,092	12,426	50,672	58,250
	Total matured ...	14,486	29,643	21,988	23,167	20,267	19,806	27,793	15,882	4,989	24,012	19,038	18,744	36,964	11,608	26,084	36,386	18,421	48,860	30,422	35,280	12,666	50,909	58,426
	Total failed ...	5,873	2,249	9,051	11,011	11,662	14,945	9,665	8,275	15,986	7,943	15,751	21,006	10,398	18,441	11,221	14,445	21,455	16,085	23,777	24,013	19,969	13,223	10,969

(c)—Mohar Circle.

Year.		1891-92.	1892-93.	1893-94.	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.	1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.
KHAMRIV.	Chahi	7	9	18	13	8	8	15	5	4	10	5	6	10	6	4	1	7	19	...	5	6	7	7
	Nahri	204	350	249	338	298	234	348	200	324	390	218	329	323	296	240	169	239	358	308	434	283	272	305
	Sailab	3	...	...	...	...	14	34	77	12	16	...	...	...	...	11	6	5	8	...	...	...	10	43
	Naladar	10,277	17,964	13,500	17,252	13,939	6,777	19,306	11,709	6,123	16,470	13,478	18,426	18,972	4,917	6,663	9,487	6,669	17,843	9,075	16,827	1,856	7,534	16,359
	Raridar	11,265	24,834	20,071	23,608	19,161	9,860	25,698	12,778	4,382	17,052	11,933	18,668	22,865	3,806	7,849	12,085	4,514	26,522	9,069	21,793	1,601	9,761	23,313
	Barani	2,568	5,698	3,899	3,856	3,568	3,627	6,102	1,566	400	3,844	1,344	3,462	3,617	472	539	2,050	641	3,610	1,212	2,405	159	984	3,199
	Total Matured	24,603	48,853	38,334	45,066	36,854	20,515	51,408	26,395	11,305	37,782	26,978	40,889	45,826	9,497	15,306	24,718	12,075	47,760	10,665	41,464	3,905	18,556	43,226
Total Failed	10,162	8,080	13,623	12,622	23,751	32,117	9,616	30,461	26,426	17,507	29,488	21,068	18,035	24,777	21,332	15,284	27,312	6,951	19,051	11,268	16,798	23,233	6,914	
RABI.	Chahi	97	65	166	119	116	189	176	257	207	208	164	152	156	170	115	108	176	76	189	183	199	204	149
	Nahri	763	903	1,036	826	1,009	839	867	954	774	797	672	702	709	768	728	753	867	768	984	946	1,316	997	988
	Sailab	71	68	104	...	88	111	108	39	97	85	47	24	34	46	39	14	33	21	44	21	24	167	139
	Naladar	3,663	13,162	11,180	8,586	3,756	3,633	10,335	2,912	1,561	10,633	2,566	4,691	12,276	7,142	7,439	15,110	4,576	14,375	8,642	14,202	4,242	6,727	14,768
	Raridar	4,421	27,981	19,785	14,276	6,599	7,724	22,139	4,876	2,479	17,675	2,610	7,087	19,397	5,956	11,718	23,641	3,891	25,322	9,320	25,001	2,158	7,623	27,986
	Barani	432	3,894	3,230	1,998	676	1,984	3,592	790	232	2,684	531	1,164	3,545	738	2,050	5,557	868	4,959	3,501	4,952	2,922	3,453	9,669
	Total matured	9,447	46,073	35,501	25,805	12,435	14,480	37,217	9,723	5,350	32,082	6,610	13,820	36,117	14,820	22,288	45,183	10,411	45,421	22,671	45,306	10,861	19,171	53,899
Total failed	5,706	2,030	3,255	8,836	3,738	6,594	5,387	3,393	3,501	8,178	14,956	17,216	5,535	5,189	15,234	10,828	7,978	8,227	16,331	5,160	7,282	5,582	2,106	
TOTAL.	Chahi	104	74	184	131	124	192	191	262	211	218	189	158	175	176	119	109	183	95	189	188	205	211	156
	Nahri	967	1,253	285	1,164	1,236	1,078	1,215	1,214	1,098	1,167	899	1,031	1,032	1,064	968	942	1,106	1,126	1,294	1,380	1,589	1,269	1,293
	Sailab	73	68	104	...	88	125	142	115	109	101	47	24	34	46	49	20	38	29	44	21	24	177	182
	Naladar	13,940	31,126	24,680	25,838	17,695	10,440	29,841	14,521	7,084	27,103	16,044	13,117	31,246	12,659	14,302	24,597	11,245	32,118	17,717	31,029	6,098	14,261	31,127
	Raridar	15,676	62,615	40,456	37,884	25,760	17,584	47,742	17,654	6,961	34,727	14,543	25,753	42,292	9,762	19,567	36,626	8,405	51,944	18,389	46,794	3,759	17,374	51,299
	Barani	3,290	9,590	7,120	5,834	4,384	5,611	9,694	2,362	692	6,528	1,875	4,626	7,162	1,210	2,589	7,607	1,509	7,909	4,714	7,357	3,081	4,437	13,068
	Total matured	34,050	94,926	73,835	70,871	49,289	34,995	88,625	36,128	16,655	69,884	33,598	54,769	81,043	34,317	37,594	69,901	22,486	93,181	42,336	86,760	14,766	37,729	97,125
Total failed	15,968	10,110	16,873	21,458	27,459	38,711	15,003	33,854	30,227	25,985	44,444	38,884	23,570	29,968	36,566	26,062	34,890	15,778	35,382	16,418	24,080	28,815	9,020	

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The Red line shows Total area sown; the Yellow line shows total area matured; the Green and Black lines show Kharif area matured and Kharif area failed respectively.



Pre-settlement period

1st half of current Settlement

Selected period

ACRES.

1,10,000

1,00,000

90,000

80,000

70,000

60,000

50,000

40,000

30,000

20,000

10,000

RAINFALL

INCHES

10
20
30

1885-86
1886-87
1887-88
1888-89
1889-90
1890-91
1891-92
1892-93
1893-94
1894-95
1895-96
1896-97
1897-98
1898-99
1899-00
1900-01
1901-02
1902-03
1903-04
1904-05
1905-06
1906-07
1907-08
1908-09
1909-10
1910-11
1911-12
1912-13

Pre-settlement period

1st half of current Settlement.

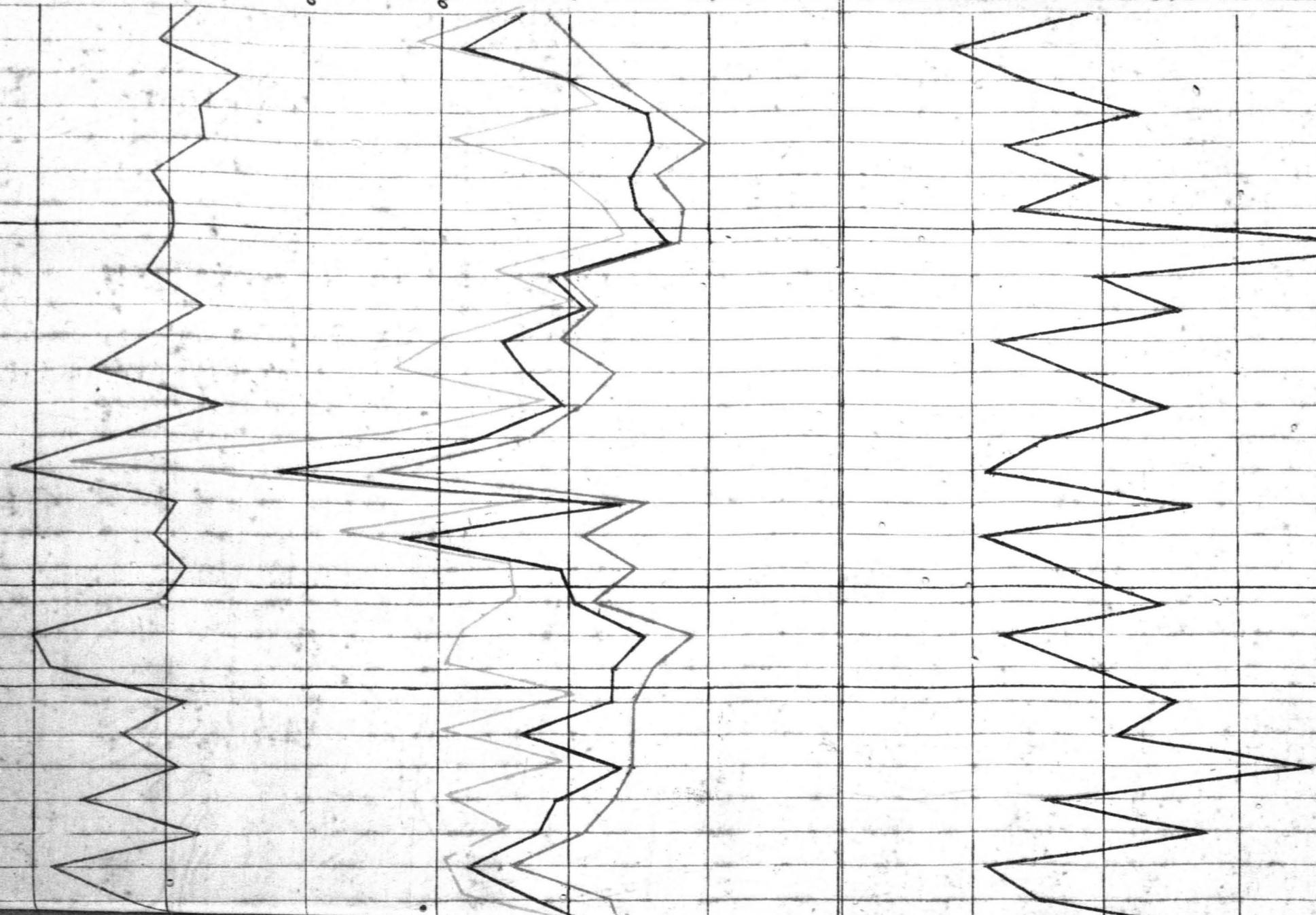
Selected period.

ACRES

10,000
20,000
30,000
40,000
50,000
60,000

HARVESTS

The Red line shows Total area sown; the Yellow line shows Total area matured; the Green and Black lines show Kharif area matured and Kharif area failed respectively.



(d)—Hill Circle.

Harvest.	YEAR.																								
		1890-01.	1891-02.	1892-03.	1893-04.	1894-05.	1895-06.	1896-07.	1897-08.	1898-09.	1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.
KHAIRI.	Chahi ...	416	434	334	368	302	427	462	470	408	446	501	475	505	499	439	462	517	528	470	504	531	505	543	558
	Nahri ...	84	92	79	56	43	51	66	87	28	59	...	84	89	...	53	66	53	74	65	71	60	53	70	99
	Hail ...	7,081	7,509	6,488	6,353	7,294	6,872	6,346	7,023	5,783	3,294	7,493	6,951	7,798	6,802	3,507	4,596	7,532	5,951	6,807	4,897	7,754	4,616	6,117	7,870
	Maira ...	3,894	10,466	11,115	9,900	11,858	9,049	7,321	13,269	9,117	3,730	10,519	10,500	10,503	11,129	4,417	5,907	10,844	8,241	10,677	7,108	11,194	5,729	8,481	13,490
	Barani ...	1,939	1,577	2,081	1,352	3,045	1,362	1,166	2,475	1,806	511	2,484	1,240	2,651	1,421	1,004	659	2,800	1,146	2,937	876	3,116	719	2,469	2,114
	Total matured	16,901	20,094	20,097	18,036	22,703	18,591	14,961	21,229	17,142	3,689	21,002	19,150	21,846	19,941	9,720	11,690	21,546	16,940	20,956	13,446	22,655	11,622	17,680	24,141
	Total failed	5,788	2,710	3,392	3,664	930	4,271	9,879	715	6,550	15,356	5,595	4,513	3,600	4,175	13,975	12,536	2,759	6,561	4,132	8,612	2,074	1,330	5,624	618
RAJ.	Chahi ...	438	472	406	443	423	472	532	513	565	657	590	631	669	650	687	621	661	691	594	697	411	662	670	723
	Nahri ...	133	128	61	69	60	93	137	97	72	105	138	147	143	115	147	136	138	129	153	104	95	55	118	121
	Hail ...	10,812	10,321	10,701	8,637	8,999	7,041	7,664	8,167	7,117	1,839	9,126	5,064	8,383	9,14	11,049	9,965	9,047	7,643	8,857	9,544	7,630	9,835	8,350	9,274
	Maira ...	16,264	18,170	19,523	14,114	15,681	12,999	12,146	12,919	9,733	1,093	15,004	6,595	12,973	12,890	17,045	14,460	16,628	11,520	16,289	13,315	12,335	15,083	13,168	14,180
	Barani ...	2,130	3,179	3,519	3,238	2,217	2,198	1,922	2,556	1,274	160	2,253	917	1,648	3,077	2,895	3,439	2,675	2,269	2,946	3,057	1,974	3,233	1,671	3,623
	Total matured	29,777	32,265	34,213	26,491	27,892	21,908	22,401	24,252	19,754	3,859	27,111	13,354	23,816	25,870	31,923	28,891	29,049	22,452	28,739	26,717	22,445	28,866	24,277	28,121
	Total failed	1,623	3,668	497	421	647	4,685	6,426	1,603	3,932	8,015	1,951	13,994	5,667	1,334	3,853	3,158	1,400	9,649	920	4,324	3,341	3,549	4,990	775
TOTAL.	Chahi ...	854	906	740	809	815	899	994	983	973	1,103	1,091	1,106	1,174	1,149	1,129	1,153	1,178	1,219	1,064	1,201	942	1,167	1,213	1,291
	Nahri ...	217	221	140	135	112	149	203	154	100	164	138	231	232	115	200	202	191	203	218	175	155	106	188	229
	Hail ...	18,473	17,830	17,189	14,900	16,293	13,843	13,010	16,095	12,900	5,173	16,624	11,915	16,181	16,039	14,856	14,561	16,579	13,794	15,664	14,431	15,384	14,451	14,467	17,144
	Maira ...	28,158	28,636	30,641	24,023	27,642	22,049	19,467	26,188	18,843	4,837	25,523	17,005	23,776	24,019	21,452	20,367	27,272	20,761	26,966	20,423	23,529	20,612	21,649	27,670
	Barani ...	4,098	4,756	5,600	4,580	5,262	3,580	3,083	5,031	3,080	671	4,737	2,157	4,299	4,408	3,899	4,098	5,375	3,415	5,783	3,932	5,090	3,052	4,440	5,937
	Total matured	48,768	52,349	54,310	44,527	50,094	40,499	36,762	48,481	35,896	11,898	46,113	32,504	45,602	45,820	41,543	40,381	50,595	39,392	49,695	40,163	45,100	40,488	41,957	52,262
	Total failed	7,413	6,378	3,839	4,085	1,677	8,856	16,305	2,318	10,482	23,373	7,536	18,307	9,257	5,509	17,823	15,694	4,150	15,210	5,052	12,936	5,415	4,879	10,614	1,393

STATEMENT IX B—SHEWING AVERAGE FALLOW, AREAS MATURED, FAILED, AND SOWN, AND DOUBLE-CROPPINGS, FOR THE 5 YEARS FROM 1906-07 TO 1910-11.

(NOTE.—Government owned lands are included.)

Circles.	Class of soil.	Average area cultivated.	Fallow.	Balance cropped.	Crops matured irrespective of means of irrigation.	AREAS ACCORDING TO CROP INSPECTION REGISTERS.									Area double-cropped in one harvest.	Area double-cropped in the year.
						Kharif.			Rabi.			Total.				
						Matured.	Failed.	Sown.	Matured.	Failed.	Sown.	Matured.	Failed.	Sown.		
						Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.		
JHELUM.	Chahi	13,154	2,658	10,496	10,973	1,950	133	2,083	8,835	357	9,192	10,785	490	11,275	402	779
	Nahri	3,115	687	2,448	2,017	325	130	455	1,667	399	2,066	1,992	529	2,521	2	73
	Sailab	31,182	2,902	18,190	18,202	3,073	380	3,453	15,282	1,306	16,678	18,358	1,778	20,134	104	1,944
	Barani	14,567	5,287	9,300	6,868	3,507	1,977	5,384	3,428	879	4,307	6,935	2,756	9,691	...	391
	Total	52,018	11,534	40,484	38,070	8,858	2,529	11,378	29,212	3,031	32,243	38,070	5,551	43,621	598	3,187
THAL.	Chahi	233	63	165	162	3	1	4	145	1	146	148	2	150	...	—15
	Barani	66,998	13,845	53,153	33,712	18,770	13,873	32,643	14,956	6,076	21,032	33,728	19,954	53,680	...	527
	Total	67,236	13,908	53,318	33,874	18,773	13,879	32,652	15,101	6,077	21,178	33,874	19,956	53,830	...	512
MORAB.	Chahi	221	55	166	164	6	1	7	145	5	150	151	6	157	6	—9
	Abi	1,278	187	1,091	1,140	305	43	348	668	47	915	1,173	90	1,263	9	172
	Sailab	145	60	45	30	4	4	8	26	14	40	30	18	48	...	3
	Naladar	38,451	7,949	30,532	23,342	11,990	5,596	17,576	11,361	2,705	14,066	23,341	8,301	31,642	19	1,110
	Baridar	68,000	23,983	45,197	32,434	14,977	8,315	23,292	17,435	5,497	22,932	32,412	13,722	46,134	8	937
	Barani	12,587	3,755	8,832	5,832	1,864	2,004	3,868	3,967	1,466	5,433	5,831	3,470	9,301	...	469
	Total	120,732	34,869	85,863	62,938	29,136	15,993	47,099	33,802	9,644	43,446	62,938	25,697	88,545	42	2,683
HIAL.	Chahi	714	5	709	1,127	519	19	529	611	39	670	1,121	78	1,199	38	490
	Abi	122	7	115	176	65	2	67	117	3	120	182	5	187	1	73
	Hail	15,309	400	14,999	15,179	6,596	1,292	7,788	8,591	1,025	9,616	15,177	2,227	17,404	14	2,405
	Maira	26,679	900	25,779	23,788	9,773	2,907	12,680	14,017	2,053	16,070	23,790	4,960	28,750	3	2,971
	Barani	6,161	609	5,552	4,713	2,175	696	2,873	2,543	587	3,130	4,718	1,285	6,003	1	451
	Total	49,075	1,921	47,154	44,988	19,109	4,928	23,937	25,879	3,727	29,606	44,988	8,555	53,543	57	3,689
WHOLE TARSIL.	Chahi	14,317	2,781	11,536	12,436	2,469	154	2,623	9,736	422	10,158	12,205	576	12,781	446	1,245
	Nahri-Abi	4,515	881	3,634	3,333	695	175	870	2,652	449	3,101	3,347	624	3,971	12	317
	Sailab	21,387	3,052	18,335	18,212	3,080	384	3,464	15,308	1,410	16,718	18,388	1,794	20,182	194	1,947
	Barani I	53,880	8,349	45,531	38,521	18,566	6,798	25,364	19,952	3,730	23,682	38,518	10,528	49,046	33	3,515
	Barani II	94,739	23,783	70,976	56,222	24,750	11,222	35,972	31,453	7,469	38,912	56,202	18,682	74,884	11	3,908
	Barani III	100,313	23,476	76,837	51,126	26,316	18,457	44,773	34,394	9,008	33,902	51,210	27,465	78,675	1	1,833
		Total	289,051	62,282	226,769	179,870	75,676	37,190	113,066	103,994	22,479	126,473	179,870	59,669	239,539	697	12,770

STATEMENT IX C.—SHOWING DETAIL OF CROPS MATURED AND FAILED ON AN AVERAGE OF THE 5 YEARS FROM 1906-07 TO 1910-11.

(a) *Jhelum Circle.*

NOTE.—Government lands are not included.

Kharif.	Class of land.	Rice.	Maize.	Jowar.	Bajra.	Kangni and China.	Other Cereals.	Moth.	Mash.	I.	Sugarcane.	Cotton.	Vegetables and Spices.	Fodder crops and chari.	Gardens.	Miscellaneous.	Total of crops matured.	Total of crops failed.	Total crops sown.
		Chahi	2	15	262	491	245	48	2	2	1	14	308	16	528	10	6	1,950	133	2,083
Nahri	12	...	98	4	1	...	...	...	...	...	7	...	203	...	...	325	130	455
Sailab	632	79	656	567	3	31	6	30	7	...	91	...	941	13	120	3,076	180	3,456	
Barani ... ..	...	...	537	587	...	...	552	...	8	...	68	...	170	...	1,532	3,454	1,819	5,273
Total	546	94	1,553	1,649	249	79	560	32	16	14	474	16	1,842	23	1,658	8,805	2,462	11,267	
Per cent. of total matured	1.5	.3	.4	4.5	.5	.3	1.5	...	...	...	1.3	...	4.8	...	4.5	23.2	...	...

Rabi.	Class of land.	Wheat.	Barley.	Gram.	Massar.	China.	Other Cereals.	Linseed.	Turnipra.	Carrots and Turnips.	Melons.	Tobacco.	Vegetables and Spices.	Fodder crops.	Poppy.	Miscellaneous.	Total of crops matured.	Total of crops failed.	Total of crops sown.
		Chahi	5,870	295	47	10	...	146	...	20	1,494	268	203	63	194	105	120	8,835	357	9,192
Nahri	1,626	26	5	...	...	3	...	...	...	5	...	...	2	...	...	1,667	399	2,066
Sailab	9,825	719	1,932	1,764	...	73	30	29	100	644	...	2	100	...	64	15,282	1,396	16,678	
Barani	1,735	71	1,449	8	...	...	...	72	7	14	...	...	2	...	...	3,356	842	4,198
Total	19,056	1,111	3,433	1,780	...	222	30	121	1,601	931	203	65	298	105	184	29,140	2,994	32,134	
Per cent. total of matured	50.2	.3	.9	4.863	4.2	2.5	.6	.2	.8	.3	.5	76.8	

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(b) Thal Circle.

Class of soil.					Jowar.	Bajra.	Moth.	Mung.	Til.	Fodder crops and Chari.	Miscellaneous.	Total of crops matured.	Total of crops failed.	Total of crops sown.	
KHARIF.	Chahi	...	...	...	1	1	...	...	...	1	...	3	1	4	
	Barani	...	...	...	39	3,613	7,721	25	8	25	7,142	18,573	13,625	32,198	
	Total				40	3,614	7,721	25	8	26	7,142	18,576	13,626	22,202	
	Per cent. of matured area				...	10.7	22.8	...	...	...	21	55.3	...	...
					Wheat.	Barley.	Gram.	Taramira.	Carrots and turnips.	Vegetables.	Fodder crops.	Miscellaneous.	Total of crops matured.	Total of crops failed.	Total of crops sown.
RABI.	Chahi	...	...	...	119	1	...	1	10	6	1	7	145	2	147
	Barani	...	...	...	52	2	14,707	122	...	...	...	...	14,883	6,012	20,895
	Total				171	3	14,707	123	10	6	1	7	15,028	6,014	21,042
	Per cent. of matured area				5	...	43.7	3	44.7

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(c)—Mohar Circle.

		Class of soil.	Rice.	Maize.	Jowar.	Bajra.	Other cereals.	Moth.	Mang.	Til.	Cotton.	Hemp.	Vegetables and spices.	Fodder crops and chari.	Gardens.	Miscellaneous.	Total of crops matured.	Total of crops failed.	Total of crops sown.
K. B. H. P.	Chahi	...	...	...	2	...	...	...	...	...	...	...	...	3	...	...	6	1	7
	Abi	...	...	8	104	89	...	2	...	...	33	4	9	50	...	6	305	43	348
	Sailab	...	...	3	...	...	...	...	...	...	...	...	...	...	...	1	4	4	...
	Naladar	...	...	...	46	1,435	9,685	1	228	15	11	392	5	111	...	1	11,980	5,596	17,576
	Raridar	...	...	...	4	3,196	9,661	...	795	7	10	545	6	...	...	135	14,977	8,315	23,292
	Barani	...	...	...	...	158	896	...	276	...	...	10	...	...	...	562	1,864	2,004	3,868
	Total	3	58	4,944	20,273	1	1,301	22	21	980	15	9	804	...	705	29,136	15,963	47,099
Per cent. of matured total		...	...	...	7.8	32.3	...	2	...	...	1.5	...	...	1.3	...	1	46	...	...
		Class of soil.	Wheat.	Bajey.	Gram.	Massar.	Other cereals.	Oilseeds.	Carrots and turnips.	Melons.	Poppy.	Tobacco.	Vegetables and spices.	Fodder.	Gardens.	Miscellaneous.	Total of crops matured.	Total of crops failed.	Total of crops sown.
R. B. H. P.	Chahi	...	118	3	...	...	...	...	11	1	1	7	3	...	...	1	145	5	150
	Abi	...	713	15	...	...	...	2	10	17	74	6	7	13	...	11	868	47	915
	Sailab	...	7	6	...	6	7	...	...	...	...	...	...	...	...	...	26	14	40
	Naladar	...	8,022	38	2,324	...	...	565	13	227	...	...	...	146	26	...	11,361	2,705	14,066
	Raridar	...	11,800	70	5,247	...	...	508	...	77	136	...	...	81	...	16	17,435	5,407	22,842
	Barani	...	1,270	11	2,604	...	...	72	...	5	...	...	...	5	...	...	3,967	1,466	5,433
	Total	...	21,430	143	10,175	6	7	1,147	34	327	211	13	10	245	26	28	33,802	9,644	43,446
Per cent. of matured total		...	34	...	16.2	...	...	1.8	...	5	4	...	...	4	...	...	54	...	...

(d)—Hill Circle.

		Maize.	Jowar.	Bajra.	Other cereals.	Moth.	Mung.	Mash.	Other pulses.	Til.	Cotton.	Hemp.	Vegetables and spices.	Fodder crops and chari.	Miscellaneous.	Total of crops matured.	Total of crops failed.	Total of crops sown.	
Kharif.	Chahi	325	13	24	...	...	...	...	...	...	92	...	47	9	...	510	19	529
	Abi	52	2	4	...	...	...	...	...	...	...	...	1	1	2	62	2	64
	Hail	612	371	4,568	6	10	779	1	2	6	2	6	...	114	...	6,477	1,183	7,660	
	Maira	87	569	7,085	10	123	1,629	2	1	11	35	6	...	94	...	9,652	2,907	12,559	
	Barani	25	101	1,713	...	15	290	...	...	8	8	1	...	22	...	2,175	698	2,871
	Total	1,101	1,056	13,394	16	148	2,698	3	8	20	132	13	48	240	2	18,374	4,809	23,683	
Per cent. of total matured	2.5	2.4	30	...	4	6	...	...	...	3	...	...	5	...	42.3	...	...

		Wheat.	Barley.	Gram.	Other cereals.	Sarshaf.	Taramira.	Carrots and turnips.	Melons.	Poppy.	Tobacco.		Vegetables and spices.	Fodder crops.	Miscellaneous.	Total of crops matured.	Total of crops failed.	Total of crops sown.	
Rabi.	Chahi	432	43	...	...	1	1	85	...	1	48	...	25	5	20	611	59	670
	Abi	103	8	...	...	...	...	...	4	...	...	...	1	...	1	117	3	120
	Hail	6,643	149	25	...	9	1,411	...	128	...	...	...	...	7	55	8,427	1,008	9,435
	Maira	10,672	208	45	...	38	3,006	...	36	...	...	...	...	1	10	14,016	2,053	16,069
	Barani	1,785	61	15	...	18	654	...	9	...	...	...	...	...	1	2,543	587	3,130
	Total	19,635	469	85	...	65	5,072	35	177	1	48	...	26	13	87	25,714	3,710	29,424	
Per cent. of total matured	44	1.5	2	...	1	11.3	...	3	...	1	...	...	...	2	57.7	...	...

(e) Whole Tahsil.

Kharif.	Class of soil.	Rice.	Maize.	Jowar.	Bejra.	China and Kangui.	Other Cereals.	Moth.	Mung.	Otherulse.	Til.	Sugarcane.	Cotton.	Fruits, Spices, and Vegetables.	Chari and other fodder.	Miscellaneous.	Total area matured.	Total area failed.	Total area sown.
	Chahi ...	2	340	277	518	245	48	2	...	2	1	14	400	73	541	6	2,469	154	2,623
	Nahri and Abi ...	12	60	204	97	1	...	2	...	...	...	...	40	10	254	12	692	175	867
	Sailab ...	535	79	656	567	3	31	6	...	30	7	...	91	13	941	121	3,080	384	3,464
	Barani I ...	1	658	1,856	14,253	...	6	238	794	3	18	...	393	...	226	11	18,457	6,779	25,236
	Barani II ...	...	89	3,765	16,747	...	11	918	1,636	3	20	...	580	...	712	148	24,629	11,222	35,851
	Barani III ...	...	2	835	6,749	...	...	8,564	315	...	19	...	81	...	239	9,237	26,064	18,146	44,210
	Total ...	550	1,251	7,593	38,931	249	96	9,730	2,745	38	64	14	1,586	96	2,913	9,535	75,391	36,860	1,12,251
	Per cent. of total matured ...	25	75	4.25	21.75	...	...	5.5	1.5	...	...	...	75	...	1.75	5.25	42.2	...	...
Rabi.	Class of soil.	Wheat.	Barley.	Gram.	Massar.	China.	Other Cereals.	Linseed.	Tamira.	Other Oilseeds.	Carrots and Turnips.	Melons.	Tobacco and Poppy.	Fruits, Spices, and Vegetables.	Fodder.	Miscellaneous.	Total area matured.	Total area failed.	Total area sown.
	Chahi ...	6,538	343	47	10	...	146	...	15	8	1,560	269	364	97	201	147	9,735	422	10,157
	Nahri and Abi ...	2,444	48	5	...	...	3	...	1	2	11	24	80	7	15	12	2,652	449	3,101
	Sailab ...	9,833	724	1,983	1,769	...	80	30	24	4	100	644	...	3	100	64	15,308	1,410	16,718
	Barani I ...	14,665	187	2,349	...	...	...	...	1,956	29	13	355	...	...	158	81	19,788	3,713	23,501
	Barani II ...	21,971	278	5,292	...	...	...	...	3,497	55	...	113	136	...	83	27	31,452	7,460	38,912
	Barani III ...	4,842	145	18,775	6	...	...	...	919	19	7	28	...	...	7	1	24,749	8,905	33,654
	Total ...	60,293	1,725	28,401	1,785	...	229	30	6,412	117	1,681	1,433	580	107	559	332	1,03,684	22,359	1,26,043
	Per cent. of total matured ...	33.5	1	15.75	1	...	...	...	3.5	...	75	75	25	...	25	...	57.8	...	...

STATEMENT No. X.—SHOWING CULTIVATING POSSESSION IN VILLAGES UNDER ASSESSMENT.

NAME OF CIRCLE.		JHELUM CIRCLE.				THAL CIRCLE.				MOHAR CIRCLE.				HILL CIRCLE.				KHUSHAB TAHSIL.			
		No. of holdings.	Total cultivated area.	Average cultivated area per holding.	Percentage on total cultivated area.	No. of holdings.	Total cultivated area.	Average cultivated area per holding.	Percentage on total cultivated area.	No. of holdings.	Total cultivated area.	Average cultivated area per holding.	Percentage on total cultivated area.	No. of holdings.	Total cultivated area.	Average cultivated area per holding.	Percentage on total cultivated area.	No. of holdings.	Total cultivated area.	Average cultivated area per holding.	Percentage on total cultivated area.
Status of cultivators.			Acres.			Acres.				Acres.				Acres.				Acres.			
	Owners	6,090	17,098	3	36	8,389	68,882	8	78	12,083	72,777	6	59	13,386	31,462	2	60	39,948	190,248	5	61
OCCUPANCY TENANTS.	Tenants paying no rent ...	4,318	2,369	...	5	441	1,289	3	2	2,090	2,387	1	2	566	247	...	5	7,415	6,292	...	2
	Paying rents in cash	1,353	2,075	2	4.5	50	178	4	...	647	3,277	5	3	134	211	1	...	2,084	5,741	3	2
	Paying rents in kind	160	370	2	5	...	...	...	...	45	409	9	...	88	194	2	...	293	973	3	...
	Paying at revenue rates (with or without malikana).	40	179	4	...	842	5,202	7	6	392	2,216	6	2	200	166	...	...	1,474	7,763	5	2.5
TENANTS-AT-WILL.	Paying other cash rents	165	410	2	1	24	68	3	...	55	345	6	...	19	26	2	...	263	849	3	...
	Paying kind rents	10,826	24,805	2	52.5	2,004	12,493	6	14	8,963	42,357	5	34	10,415	19,730	2	38	32,208	99,605	3	32
	Total	22,852	47,306	2	100	11,750	88,112	8	100	24,275	123,768	5	100	24,808	52,036	2	100	83,685	311,471	4	100

STATEMENT XI—SHOWING KIND RENTS PAID BY TENANTS-AT-WILL.

Share of produce taken by landlord.	SHELM.				TRAL.				MOHAR.				HILL.				TAHSIL.			
	Irrigated.		Unirrigated.		Irrigated.		Unirrigated.		Irrigated.		Unirrigated.		Irrigated.		Unirrigated.		Irrigated.		Unirrigated.	
	Area paying at each rate, in acres.	Area representing landlord's share.	Area paying at each rate, in acres.	Area representing landlord's share.	Area paying at each rate, in acres.	Area representing landlord's share.	Area paying at each rate, in acres.	Area representing landlord's share.	Area paying at each rate, in acres.	Area representing landlord's share.	Area paying at each rate, in acres.	Area representing landlord's share.	Area paying at each rate, in acres.	Area representing landlord's share.	Area paying at each rate, in acres.	Area representing landlord's share.	Area paying at each rate, in acres.	Area representing landlord's share.	Area paying at each rate, in acres.	Area representing landlord's share.
More than half ... ..	...	...	7	4	...	...	13	9	294	197	5	3	...	...	...	...	294	197	25	16
Half	8,332	4,166	14,952	7,476	...	...	1,004	502	569	285	13,220	6,610	358	179	15,812	7,906	9,259	4,630	45,208	22,604
Two-fifths	65	26	163	65	21	8	39	16	22	9	15,742	6,297	...	...	3,225	1,290	108	43	19,169	7,668
One-third	340	113	923	310	...	...	9,166	3,055	108	36	12,240	4,080	...	...	335	112	448	149	22,669	7,557
One-fourth	18	5	...	...	26	7	2,210	553	...	...	100	25	...	...	...	...	44	12	2,310	573
Less than one-fourth ... ..	...	...	...	...	2	...	12	2	...	...	57	10	...	...	...	...	2	...	69	12
Total	8,755	4,310	16,050	7,855	49	15	12,444	4,137	993	527	41,364	17,025	358	179	19,372	9,308	10,155	5,021	89,450	38,435
Average percentage	100	49	100	49	100	30	100	33	100	53	100	41	100	50	100	48	100	49	100	43

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STATEMENT XII—SHOWING CASH RENTS PAID ON THE AREA ACTUALLY UNDER ASSESSMENT.

ASSESSMENT CIRCLE	JHELUM CIRCLE.									THAL CIRCLE.									MOHAR CIRCLE.									
	SOIL RENTS.			LUMP RENTS.			ALL RENTS.			SOIL RENTS.			LUMP RENTS.			ALL RENTS.			SOIL RENTS.			LUMP RENTS.			ALL RENTS.			
	DETAIL.			DETAIL.			DETAIL.			DETAIL.			DETAIL.			DETAIL.			DETAIL.			DETAIL.			DETAIL.			
Class of land.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.	
	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.	
Chahi ...	76	890	11 11 0	84	...	...	160	...	...	...	...	...	...	...	...	2	15	8 0 0	66	...	...	68	...	...	...	...	...
Nahri and Abi ...	...	...	...	5	...	...	5	...	...	...	...	...	...	...	...	6	104	17 5 0	...	...	...	6	...	...	...	...	...
Total irrigated ...	76	890	11 11 0	89	...	...	165	...	...	...	...	...	...	...	...	8	119	14 14 0	66	...	...	74	...	...	...	...	...
Sailab ...	18	211	11 11 0	213	...	...	231	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Naladar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	39	103	3 10 0	17	...	...	56	...	...	...	...	...
Baridar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	136	350	2 9 0	53	...	...	159	...	...	...	...	...
Hail
Maira
Barani ...	...	...	...	14	...	...	...	...	...	68	77	1 2 0	...	...	...	68	77	1 2 0	18	136	7 8 0	7	...	...	...	25	...
Total unirrigated ...	18	211	11 11 0	227	...	...	245	...	...	68	77	1 2 0	...	...	...	68	77	1 2 0	193	589	3 0 0	77	...	...	...	270	...
GRAND TOTAL ...	94	1,101	11 11 0	316	893	3 12 0	410	1,984	4 13 0	68	77	1 2 0	...	...	...	68	77	1 2 0	201	708	3 8 0	143	299	3 1 0	342	1,007	3 14 0

AIXXX

ASSESSMENT CIRCLE.	HILL CIRCLE.									TOTAL KHUSHAB TAHSIL.									REMARKS.					
	SOIL RENTS.			LUMP RENTS.			ALL RENTS.			SOIL RENTS.			LUMP RENTS.			ALL RENTS.								
	DETAIL.			DETAIL.			DETAIL.			DETAIL.			DETAIL.			DETAIL.								
Class of land.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.	Area.	Rent.	Rate per acre.
	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.	Acres.	Rs.	Rs. A. P.
Chahi	2	...	...	2	...	...	78	905	11 9 0	152	...	...	230	...	...	...	...	...	...	...	...
Nahri and Abi	6	104	17 5 0	5	...	...	11	...	...	...	...	...	...	...	...
Total irrigated	2	...	...	2	...	...	84	1,009	12 0 0	157	...	...	241	...	...	...	...	...	...	...	...
Sailab	18	211	11 11 0	213	...	...	231	...	...	...	...	...	...	...	...
Naladar	39	103	3 10 0	17	...	...	56	...	...	...	...	...	...	...	...
Baridar	136	350	2 9 0	53	...	...	189	...	...	...	...	...	...	...	...
Hail	18	...	...	18	...	...	...	...	...	18	...	...	18	...	...	...	...	...	...	...	...
Maira	2	7	3 8 0	3	...	...	5	...	...	2	7	3 8 0	3	...	...	...	...	...	5	...	...
Barani	66	213	2 7 0	21	...	...	107	...	...	...	...	...	...	...	...
Total unirrigated ...	2	7	3 8 0	21	...	...	23	...	...	231	834	3 2 0	225	...	...	606	...	...	...	...	...	...	...	...
GRAND TOTAL ...	2	7	3 8 0	23	140	6 0 0	25	147	6 0 0	365	1,893	5 2 0	482	1,322	2 11 0	847	3,515	3 12 0

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STATEMENT XIII—CONCLUDED.

HILL.	MOHAR.	THAL.	JHELUM.	Circle.	WHEAT.		BARLEY.		GRAM.		TARAPHA.	
					By experiments.	By Courts of Wards accounts.	By experiments.	By Court of Wards accounts.	By experiments.	By Court of Wards accounts.	By experiments.	By Court of Wards accounts.
Chahi	15	10	...	...	...	...	...	...	...	...
Nahri	10½	8	...	...	...	...	...	...	...	...
Sallab	12½	8	...	...	...	...	...	...	...	...
Barani	5	...	...	...	...	...	...	...	...
Barani	7	...	...	...	...	...	...	...	...
Naladar	14½	10
Rardar	11½	4
Barani	9½	2½
Chahi	12½
Abi	12½
Hail	10½	9
Maira	8½	6
Barani	5

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STATEMENT XIV—PRODUCE AND NET ASSET ESTIMATE.

(i)—Jhelum Circle—(A) Chahi.

	Detail.	Rice.	Maize.	Jowar.	Bajra.	Kangni and China.	Other cereals.	Moth.	Mash.	Til.	Sugarcane.	Cotton.	Fodder crops.	Vegetables, fruits, and spices.	Miscellaneous.	—	Total.
		Wheat.	Barley.	Gram.	Massar.	Other cereals.	Taramira.	Carrots and Turnips.	Melons.	Tobacco and Poppy.	Wheat and barley straw.	Gram straw.	Fodder crops.	Vegetables, fruits and spices.	Miscellaneous.		
KHARIF.	Average matured area, in acres ...	2	15	262	491	245	48	2	2	1	14	308	528	26	6		1,950
	Average outturn per acre, in maunds ...	10	10	6	10	10	...	3	3	1	...	4	...	...	...		...
	Gross outturn in maunds ...	20	150	1,572	4,916	2,450	...	6	6	1	...	1,232	...	...	...		...
	Price in annas per maund ...	24	28	26	30	20	Rs. 8	28	40	72	Rs. 100	88	Rs. 8	Rs. 24	Rs. 8		...
	Gross average value Rs. ...	30	262	2,554	9,206	3,062	884	10	15	5	1,400	6,776	4,224	624	48		28,600
	Deductions for fodder Rs. ...	...	...	1,915	...	...	...	...	...	...	...	...	3,168	...	...		5,083
	Deductions for expenses Rs. ...	5	44	...	1,534	510	64	...	...	...	...	1,129	...	...	...		3,286
	Divisible balance Rs. ...	25	218	639	7,672	2,552	320	10	15	5	1,400	5,647	1,056	624	48		29,231
Landlord's net assets at 49 per cent. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		9,913	
RAMI.	Average matured area, in acres ...	5,870	295	47	10	146	20	1,494	268	308	(6,165)	(47)	194	63	120		8,835
	Average outturn per acre, in maunds ...	10	10	8	7	...	...	...	...	...	...	...	...	...	...		...
	Gross outturn in maunds ...	58,700	2,950	376	70	...	...	...	...	...	...	...	...	...	...		...
	Price in annas per maund ...	36	24	28	24	Rs. 8	Rs. 7	Rs. 5	Rs. 24	Rs. 40	Rs. 2	Rs. 1	Rs. 8	Rs. 24	Rs. 8		...
	Gross average value Rs. ...	1,32,075	4,425	658	105	1,168	140	7,470	6,432	12,320	12,330	47	1,552	1,512	960		1,81,194
	Deductions for fodder Rs. ...	22,012	...	...	...	...	...	5,602	...	...	12,330	47	1,164	...	...		41,155
	Deductions for expenses Rs. ...	18,344	737	109	18	195	23	...	...	2,053	...	...	...	...	...		21,479
	Divisible balance Rs. ...	91,719	3,688	549	87	973	117	1,868	6,432	10,267	...	...	388	1,512	960		1,18,560
Landlord's net assets at 49 per cent. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		58,094	

(i) *Jhelum Circle—(B) Nahri.*

				Rice.	Jowar.	Bajra.	China.	Cotton.	Fodder.	—	—	—	—	Total.
KHARIF.	Average matured area, in acres	...	...	12	98	4	1	7	203					325
	Average outturn per acre, in maunds	...	...	10	5	6	10	4	...					...
	Gross outturn, in maunds	...	...	120	490	24	10	28	...					...
	Price, in annas per maund	...	...	24	26	30	20	88	Rs. 8					...
	Gross average value Rs.	...	...	180	796	45	12	154	1,624					2,811
	Deduct for expenses Rs.	...	...	22	99	6	1	19	203					350
	Divisible balance Rs.	...	...	158	697	39	11	135	1,421					2,461
	Landlord's gross assets Rs.	...	...	...	...	...	...	...	...					...
	Landlord's net assets (after paying water-rates)	...	...	...	...	...	...	...	...					743
				Wheat.	Straw.	Barley.	Straw.	Gram.	Straw.	Other cereals.	Melons.	Fodder.	—	Total.
RABT.	Average matured area, in acres	...	...	1,626	...	26	...	5	...	3	5	2		1,667
	Average outturn per acre, in maunds	...	...	8	...	8	...	8	...	...	...	...	...	...
	Gross outturn, in maunds	...	...	13,008	...	208	...	40	...	...	...	...	...	...
	Price, in annas per maund	...	...	86	Rs. 2	24	Rs. 2	Rs. 28	Re. 1	Rs. 8	Rs. 24	Rs. 8		...
	Gross average value Rs.	...	...	29,268	3,252	312	52	70	5	24	120	16		33,119
	Deduct for expenses Rs.	...	...	3,658	407	39	6	9	1	3	...	...		4,123
	Divisible balance Rs.	...	...	25,610	2,845	273	46	61	4	21	120	16		28,996
	Landlord's gross assets Rs.	...	...	...	...	...	...	...	...	...	...	...		14,498
	Landlord's net assets (after paying water-rates)	...	...	...	...	...	...	...	...	...	...	...		11,998

(i) Jhelum Circle—(C) Sailab.

Kharif.	Rice.	Maize.	Jowar.	Bajra.	China.	Other cereals.	Moth.	Mash.	Til.	Cotton.	Fodder.	Vegetables and fruits.	Miscellaneous.	—	—	—	Total.
	Average matured area, in acres	532	79	656	567	3	31	6	30	7	97	941	13	120			
Average outturn per acre, in maunds	10	10	5	6	10	...	3	3	1	3	...	...	...				...
Gross outturn in maunds	5,320	790	3,280	3,402	30	...	18	90	7	273	...	...	...				...
Price, in annas per maund	24	28	26	30	20	Rs. 8	28	40	72	88	Rs. 8	Rs. 24	Rs. 8				...
Gross average value Rs.	7,960	1,382	5,330	6,379	37	248	31	225	32	1,501	7,528	312	960				31,945
Deductions for expenses Rs.	997	173	666	797	5	31	4	23	4	188	941	...	...				3,834
Divisible balance Rs.	6,963	1,209	4,664	5,582	32	217	27	197	28	1,313	6,587	312	960				28,111
Landlord's net assets at 50 per cent. ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...				14,055

Rabi.	Wheat.	Straw.	Barley.	Straw.	Gram.	Straw.	Massar.	Other Cereals.	Linseed.	Taramira.	Carrots and turnips.	Melons.	Fodder.	Vegetables and fruits.	Miscellaneous.	—	Total.
	Average matured area, in acres	9,825	...	719	...	1,932	...	1,764	73	30	29	100	644	100	2	64		15,282
Average outturn per acre, in maunds	8	...	8	...	8	...	7	...	4	3	...	...	...	...	...		...
Gross outturn in maunds	78,600	...	5,752	Rs. 2	15,456	...	12,348	...	120	87	...	...	...	...	...		...
Price, in annas per maund	36	Rs. 2	24	1,438	.28	Re. 1	24	Rs. 8	64	42	Rs. 5	Rs. 24	Rs. 8	Rs. 24	Rs. 8		...
Gross average value Rs.	1,76,850	19,650	8,628	180	27,048	1,932	18,522	584	480	228	500	15,456	800	48	512		2,72,676
Deductions for expenses Rs.	22,106	2,456	1,078	1,258	3,381	241	2,315	73	60	28	62	...	...	...	...		31,980
Divisible balance Rs.	1,54,744	17,194	7,550	...	23,667	1,691	16,207	511	420	200	438	15,456	800	48	512		2,40,696
Landlord's net assets at 50 per cent. ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1,20,348

(i) Circle Jhelum—(D) Barani.

	Jowar.	Bajra.	Moth.	Til.	Cotton.	Fodder.	Miscellaneous (water melons).						Total.
KHARIF.													
Average matured area in acres ...	537	587	552	8	63	170	1,532						3,454
Average outturn per acre in maunds ...	3	4	3	1	2	...	...						...
Gross outturn in maunds ...	1,611	2,348	1,656	8	136	...	...						...
Price in annas per maund ...	26	30	28	72	88	Rs. 8	Re. 1						...
Gross average value Rs. ...	2,618	4,402	2,898	36	748	1,360	1,532						13,594
Deductions for expenses Rs. ...	327	650	362	4	94	170	...						1,507
Divisible balance Rs. ...	2,291	3,852	2,536	32	654	1,190	1,532						12,087
Landlord's net assets, at 45 per cent. ...	...	...	...	...	...	...	...						5,439
RABI.													
Average matured area in acres ...	1,735	...	71	...	1,449	...	6	72	7	14	2		3,356
Average outturn per acre in maunds ...	5	...	5	...	8	...	7	1	...	...	...		...
Gross outturn in maunds ...	8,675	...	355	...	11,592	...	42	72	...	...	...		...
Price in annas per maund ...	36	Rs. 2	24	Rs. 2	28	Re. 1	24	42	Rs. 5	Rs. 24	Rs. 8		...
Gross average value Rs. ...	19,519	3,470	533	142	20,286	1,449	63	189	35	336	16		46,088
Deductions for expenses Rs. ...	2,440	434	66	18	2,536	181	8	24	...	...	...		5,707
Divisible balance Rs. ...	17,079	3,036	467	124	17,750	1,268	55	165	35	336	16		40,331
Landlord's net assets, at 45 per cent. ...	...	...	...	...	...	...	...	...	...	...	...		18,149

(iii). Mohar Circle—(A). Naladar including Chahi, Abi and Sailab.

	Rice.	Maize.	Jowar.	Bajra.	Other cereals.	Moth.	Mung.	Til.	Cotton.	Hemp.	Vegetables and spices.	Fodder.	Miscellaneous.				Total.
Average matured area in acres ...	3	54	1,590	9,776	1	230	15	11	425	9	9	164	8				12,295
Average outturn per acre in maunds ...	10	10	5	7	...	3	3	1	3	...	...	...	...				...
Gross outturn in maunds ...	30	540	7,950	68,432	...	690	45	11	1,275	...	...	...	...				...
Price in annas per maund ...	24	28	26	30	Rs. 8	28	40	72	88	Rs. 16	Rs. 24	Rs. 8	Rs. 8				...
Gross average value Rs. ...	45	945	12,919	1,28,310	8	1,208	112	49	7,012	144	216	1,312	64				1,52,344
Deductions for expenses Rs. ...	6	118	1,615	16,039	1	151	14	6	876	...	...	...	...				18,826
Divisible balance Rs. ...	39	827	11,304	1,12,271	7	1,057	98	43	6,136	144	216	1,312	64				1,33,518
Landlord's net assets, at 45 per cent. ...	...	...	...	...	...	...	...	...	...	...	...	...	...				60,093
	Wheat.	Straw.	Barley.	Straw.	Gram.	Straw.	Massar.	Other cereals.	Oilseeds.	Carrots and turnips.	Melons.	Tobacco.	Poppy, vegetables, fruits and spices.	Fodder.	Miscellaneous.		Total.
Average matured area in acres ...	8,860	...	62	...	2,324	...	6	7	567	34	245	13	111	159	12		12,400
Average outturn per acre in maunds ...	8	...	8	...	8	...	7	...	3	...	...	...	...	...	...		...
Gross outturn in maunds ...	70,880	...	496	...	18,592	...	42	...	1,701	...	...	...	...	...	...		...
Price in annas per maund ...	36	Rs. 2	24	Rs. 2	28	Rs. 1	24	Rs. 8	42	Rs. 5	Rs. 24	Rs. 40	Rs. 24	Rs. 8	Rs. 8		...
Gross average value Rs. ...	1,59,480	17,720	744	124	32,536	2,324	63	56	4,465	170	5,880	520	2,664	1,272	96		2,28,114
Deductions for expenses Rs. ...	19,935	2,215	93	15	4,067	291	8	7	558	...	...	...	...	...	...		27,189
Divisible balance Rs. ...	1,39,545	15,505	651	109	28,469	2,033	55	49	3,907	170	5,880	520	2,664	1,272	96		2,00,925
Landlord's net assets, at 45 per cent. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		90,417

(iii) Mohar Circle—(B) Baridar.

	Maize.	Jowar.	Bajra.	Moth.	Mung.	Til.	Cotton.	Hemp.	Fodder.	Miscellaneous.	Total.	
KHARIF.												
Average matured area in acres ...	4	3,196	9,661	795	7	10	545	6	618	135	14,977	
Average outturn per acre in maunds ...	10	4	4	8	3	1	2	...	...	...	...
Gross outturn in maunds ...	40	12,784	38,644	2,385	21	10	1,090	...	...	...	...
Price in annas per maund ...	28	26	30	28	40	72	88	Rs. 16	Rs. 8	Rs. 8	...	
Gross average value Rs. ...	70	20,774	72,457	4,174	52	45	5,995	96	4,944	1,080	1,09,687	
Deductions for expenses Rs. ...	9	2,597	9,057	522	6	6	749	...	...	...	12,946
Divisible balance Rs. ...	61	18,177	63,400	3,652	46	39	5,243	96	4,944	1,080	96,741	
Landlord's net assets, at 40 per cent. ...	...	...	...	...	...	...	...	...	...	...	33,696
	Wheat.	Straw.	Barley.	Straw.	Gram.	Straw.	Oil-seeds.	Melons.	Poppy.	Fodder.	Miscellaneous.	Total.
RABI.												
Average matured area in acres ...	11,300	...	70	...	5,247	...	508	77	136	81	16	17,435
Average outturn per acre in maunds ...	6	...	6	...	8	...	2
Gross outturn in maunds ...	67,800	...	420	1,016
Price in annas per maund ...	36	Rs. 2	24	Rs. 2	28	Re. 1	42	Rs. 24	Rs. 24	Rs. 8	Rs. 8	...
Gross average value Rs. ...	1,52,550	22,600	630	140	73,453	5,247	2,667	1,848	3,264	648	128	2,63,180
Deductions for expenses Rs. ...	19,069	2,825	79	17	9,182	656	333	32,161
Divisible balance Rs. ...	1,33,481	19,775	551	123	64,276	4,591	2,334	1,848	3,264	648	128	2,31,019
Landlord's net assets, at 40 per cent.	92,407

(iii)—Mohar Circle—(c) Barani.

				Jowar.	Bajra.	Moth.	Cotton.	Fodder.	Miscellaneous.				Total.
K. BARANI.	Average matured area in acres	...	...	158	836	276	10	22	562				1,864
	Average outturn per acre in maunds	...	...	3	3	3	1	...	...				...
	Gross average outturn in maunds	...	...	474	2,508	828	10	...	...				...
	Price in annas per maund	...	...	26	30	28	88	Rs. 8	...				...
	Gross average value Rs.	...	...	770	4,702	1,449	55	176	...				7,152
	Deductions for expenses Rs.	...	...	96	588	181	7	...	...				872
	Divisible balance Rs.	...	...	674	4,114	1,268	48	176	...				6,230
	Landlords' net assets, at 33 per cent.	...	...	...	...	...	...	...	...				2,093
				Wheat.	Straw.	Barley.	Straw.	Gram.	Straw.	Oilseeds.	Melons.	Fodder.	Total.
R. BARANI.	Average matured area in acres	...	...	1,270	...	11	...	2,604	...	72	5	5	3,967
	Average outturn per acre in maunds	...	...	4	...	4	...	8	...	1	...	...	...
	Gross average outturn in maunds	...	...	5,080	...	44	...	20,832	...	72	...	...	...
	Price in annas per maund	...	...	36	Rs. 2	24	Rs. 2	28	Rs. 1	42	Rs. 24	Rs. 8	...
	Gross average value Rs.	...	...	11,430	2,540	66	22	36,456	2,604	189	120	40	53,467
	Deductions for expenses Rs.	...	...	1,429	317	8	3	4,557	325	23	...	...	6,662
	Divisible balance Rs.	...	...	10,001	2,223	58	19	31,899	2,279	166	120	40	46,805
	Landlords' net assets, at 33 per cent.	...	...	...	...	...	...	...	...	...	...	...	15,602

(iv) Hill circle—(A) Chahi.

		Maize.	Jowar.	Bajrs.	Cotton.	Vegetables and Spices.	Fodder.						Total.
KHAIR.	Average matured area, in acres	325	13	24	92	47	9						510
	Average outturn per acre, in maunds	14	8	10	4	...	...						...
	Gross average outturn in maunds	4,550	104	240	368	...	...						...
	Price, in annas per maund	28	26	30	88	Rs. 24	Rs. 8						...
	Gross annual value Rs.	7,962	169	450	2,024	1,128	72						11,805
	Deductions for fodder Rs. ... ..	...	...	...	...	...	54						54
	Deductions for expenses Rs.	1,327	28	75	337	...	...						1,767
	Divisible balance Rs.	6,635	141	375	1,687	1,128	18						9,984
Landlord's net profits at 50 per cent. ... ..	...	..	...	...	...	...						4,992	
		Wheat.	Straw.	Barley.	Straw.	Sagshaf.	Taramira.	Carrots. and Turnips.	Poppy and Tobacco.	Vegetables and Spices.	Fodder.	Miscellaneous.	Total.
RAJ.	Average matured area, in acres	432	...	43	...	1	1	35	49	25	5	20	611
	Average outturn per acre in maunds	13	...	12	...	...	...	...	...	...	...	...	...
	Gross average outturn in maunds	5,616	...	516	...	...	...	...	...	...	...	...	...
	Price in annas per maund	36	Rs. 2	24	Rs. 2	Rs. 8	Rs. 7	Rs. 5	Rs. 40	Rs. 24	Rs. 8	Rs. 8	...
	Gross annual value Rs.	12,636	864	774	86	8	7	175	1,960	600	40	160	17,310
	Deductions for fodder Rs. ... ..	...	864	...	86	...	...	131	...	...	30	...	1,111
	Deductions for expenses Rs.	2,106	...	129	...	1	1	...	...	...	...	...	2,237
	Divisible balance Rs.	10,530	...	645	...	7	6	44	1,960	600	10	160	13,962
Landlord's net profits at 50 per cent. ... ..	...	...	...	...	...	...	...	...	...	...	...	6,991	

(iv) Hill Circle—(B) Abi.

			Maize.	Jowar.	Bajra.	Vegetables and Spices.	Fodder.	Miscellaneous.	—	—	Total.
KHADIV.	Average matured area, in acres ...	...	52	2	4	1	1	2			62
	Average outturn per acre, in maunds ...	...	14	8	10	...	...	...			...
	Gross average outturn in maunds ...	...	728	16	40	...	...	...			...
	Price, in annas per maund ...	...	28	26	30	Rs. 24	Rs. 8	Rs. 8			...
	Gross average value Rs. ...	...	1,274	26	75	24	8	16			1,423
	Deductions for expenses Rs. ...	...	159	3	9	...	...	...			171
	Divisible balance Rs. ...	...	1,115	23	66	24	8	16			1,252
Landlord's net assets at 50 per cent. ...	...	...	...	...	...	...	...			626	
			Wheat.	Straw.	Barley.	Straw.	Melons.	Vegetables and Spices.	Miscellaneous.	—	Total.
RADI.	Average matured area, in acres ...	...	103	...	8	...	4	1	1		117
	Average outturn per acre, in maunds ...	...	13	...	12	...	...	...			...
	Gross average outturn in maunds ...	...	1,339	...	96	...	...	...			...
	Price, in annas per maund ...	...	36	Rs. 2	24	Rs. 2	Rs. 24	Rs. 24	Rs. 8		...
	Gross average value Rs. ...	...	3,013	206	144	16	96	24	8		3,507
	Deductions for expenses Rs. ...	...	376	26	18	2	...	...	...		422
	Divisible balance Rs. ...	...	2,637	180	126	14	96	24	8		3,085
Landlord's net assets at 50 per cent. ...	...	...	...	...	...	...	...	...		1,542	

(iv) Hill Circle—(C) Hail.

KHAMR.	Maize.	Jowar.	Bajra.	Other cereals.	Moth.	Mung and mash.	Other pulses.	Til.	Cotton.	Hemp.	Fodder.	—	—	—	Total.
	Average matured area in acres ...	612	371	4,568	6	10	780	2	6	2	6	114			
Average outturn per acre in maunds ...	12	6	6	...	3	4	3	1	3	...	...				...
Gross average outturn in maunds ...	7,344	2,226	27,408	...	30	3,120	6	6	6	...	...				...
Price in annas per maund ...	28	26	30	Rs. 8	28	40	28	72	88	Rs. 16	Rs. 8				...
Gross annual value Rs. ...	12,852	3,617	51,390	48	52	3,800	10	27	33	96	912				76,837
Deductions for expenses Rs. ...	1,606	452	6,424	6	6	975	1	3	4	...	...				9,477
Divisible balance Rs. ...	11,246	3,165	44,966	42	46	6,825	9	24	29	96	912				67,360
Landlord's net assets, at 50 per cent. ...	...	...	...	...	...	...	...	...	...	...	...				33,680

RABI.	Wheat.	Straw.	Barley.	Straw.	Gram.	Straw.	Sarshaf.	Taramira.	Melons.	Fodder.	Miscellaneous.	—	—	—	Total.
	Average matured area in acres ...	6,643	...	149	...	25	...	9	1,411	128	7	55			
Average outturn per acre in maunds ...	10	...	12	...	8	...	3	3	...	...	...				...
Gross average outturn in maunds ...	66,430	...	1,788	...	200	...	27	4,233	...	...	...				...
Price in annas per maund ...	36	Rs. 2	24	Rs. 2	28	Re. 1	48	42	Rs. 24	Rs. 8	Rs. 8				...
Gross annual value Rs. ...	1,49,467	13,286	2,682	298	350	25	81	11,112	3,072	56	440				1,80,869
Deductions for expenses Rs. ...	18,683	1,661	335	37	44	3	10	1,389	...	...	...				22,162
Divisible balance Rs. ...	1,30,784	11,625	2,347	261	306	22	71	9,723	3,072	56	440				1,58,707
Landlord's net assets, at 50 per cent.				79,353

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(iv) Hill Circle (D) Maira.

	Maize.	Jowar.	Bajra.	Other cereals	Mch.	Mung and mash.	Other pulses.	Til.	Cotton.	Hemp.	Fodder.	—	Total.
KHARIF.													
Average matured area, in acres ...	87	569	7,085	10	123	1,631	1	11	35	6	94		9,652
Average outturn per acre, in maunds ...	3	4	4	...	3	4	3	1	2	...	...		...
Gross average outturn in maunds ...	261	2,276	28,340	...	369	6,524	3	11	70	...	...		...
Price, in annas per maund ...	28	26	30	Rs. 8	28	40	28	72	88	Rs. 16	Rs. 8		...
Gross annual value Rs. ...	457	3,698	53,137	80	646	16,310	5	50	385	96	752		75,616
Deductions for expenses Rs. ...	57	462	6,642	10	81	2,039	1	6	48	...	...		9,346
Divisible balance Rs. ...	400	3,236	46,495	70	565	14,271	4	44	337	96	752		66,270
Landlord's net assets, at 48 per cent. ...	...	...	...	...	...	...	...	...	...	...	...		31,810
	Wheat.	Straw.	Barley.	Straw.	Gram.	Straw.	Sarshaf.	Taramira.	Melons.	Fodder.	Miscellaneous.	—	Total.
RABI.													
Average matured area, in acres ...	10,672	...	208	...	45	...	38	3,006	36	1	10		14,016
Average outturn per acre, in maunds ...	6	...	8	...	8	...	2	2	...	...	...		...
Gross average outturn in maunds ...	64,032	...	1,664	...	360	...	76	6,012	...	...	...		...
Price, in annas per maund Rs. ...	36	Rs. 2	24	Rs. 2	28	Rs. 1	48	42	Rs. 24	Rs. 8	Rs. 8		...
Gross annual value ...	1,44,072	21,344	2,496	416	630	45	228	15,781	864	8	80		1,85,964
Deductions for expenses Rs. ...	18,009	2,668	312	52	79	5	28	1,972	...	...	...		23,125
Divisible balance Rs. ...	1,26,063	18,676	2,184	364	551	40	200	13,809	864	8	80		1,62,839
Landlord's net assets, at 48 per cent. ...	...	...	...	...	...	...	...	...	...	...	...		78,163

(iv) Hill circle (E) Barani.

		Maize.	Jowar.	Bajra.	Moth.	Mung.	Til.	Cotton.	Hemp.	Fodder.	—	—	Total.
KHARIF.	Average matured area, in acres	25	101	1,713	15	290	3	3	1	22	...	...	2,173
	Average outturn per acre, in maunds	3	3	21	2	4	1	1	...	...	...	...	...
	Gross average outturn in maunds	75	303	4,282	30	1,160	3	3	...	...	...	...	...
	Price, in annas per maund	26	26	30	28	40	72	88	Rs. 16	Rs. 8	...	...	...
	Gross annual value Rs.	131	492	8,030	52	2,900	13	16	16	176	...	...	11,826
	Deductions for expenses Rs.	16	61	1,004	6	362	2	2	...	...	...	...	1,453
	Divisible balance Rs.	115	431	7,026	46	2,538	11	14	16	176	...	...	10,373
Landlord's net assets at 33 per cent. ... ..	...	...	...	...	...	...	...	...	...	...	...	...	3,458
		Wheat.	Straw.	Barley.	Straw.	Gram.	Straw.	Sarshaf.	Taramira.	Melons.	Miscellaneous	—	Total.
RABI.	Average matured area, in acres	1,785	...	61	...	15	...	18	654	9	1	...	2,543
	Average outturn per acre, in maunds	4	...	4	...	8	...	1	1	...	...	...	...
	Gross average outturn in maunds	7,140	...	244	...	120	...	18	654	...	...	...	...
	Price in annas per maund	36	Rs. 2	24	Rs. 2	28	Re. 1	48	42	Rs. 24	Rs. 8	...	...
	Gross annual value Rs.	16,065	3,570	366	122	210	15	54	1,717	216	8	...	22,343.
	Deductions for expenses Rs.	2,008	446	46	15	26	2	7	214	...	...	...	2,764
	Divisible balance Rs.	14,057	3,124	320	107	184	13	47	1,503	216	8	...	19,579
Landlord's net assets at 33 per cent.	6,526

XIX

MAXWELL LEIGH,

Settlement Officer.

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Revenue (Revenue) Department, June 1915, Nos. 16-23.

**COMMUTATION PRICES TO BE ADOPTED IN CONNECTION WITH
THE SHAHPUR SETTLEMENT.**

No. 4480, dated Rawalpindi, 30th August 1912.

From—Lieutenant-Colonel F. POPHAM YOUNG, C.I.E., I.A., Offg. Commissioner, Rawalpindi Division.

No. 22

To—The Junior Secretary to the Financial Commissioners, Punjab.

I HAVE the honour to forward a copy of a letter No. 419, dated 21st instant, from the Deputy Commissioner, Shahpur, together with a copy of Mr. Leigh's note on prices to be assumed for the Shahpur Settlement, to which it gave cover.

2. Mr. Leigh has subjected all available statistics to a very careful scrutiny, and I do not consider that it would serve any useful purpose if I were to criticise his proposals in detail. It is obvious that the figures would justify an addition, of an anna or two here and there to the rates which Mr. Leigh recommends for adoption.

Mr. Leigh has given both general and special reasons for the moderation which he advocates. If I were to suggest that the rate for cotton might be raised from 91 to 95, or to even 100 annas, figures can be called in evidence to support the suggestion.

But seeing that 80 annas per maund was assumed to be a fair price within the last year or two in three neighbouring tracts, Mr. Leigh's figure has justification.

I do not think that I can assist the Financial Commissioners by suggesting that Mr. Leigh's figures may be adhered to or departed from in particular instances. The material, to enable them to arrive at a decision, has been presented to them in Mr. Leigh's note with great lucidity.

I may note, however, that I do not attach considerable weight to one argument in favour of moderation which Major O'Brien considers to be hardly relevant.

It is true that by assuming a larger area of failed crop, and lower standards of outturn, we do much to adjust the assessment in an insecure, or inferior, tract to that imposed where conditions are more favourable. But the insecure tract has a right to demand also that lower commutation prices may be applied to the estimates of its produce than in the case of the tract where the harvest is assured. The latter can always count on a surplus for sale and export. The former may only have a surplus in a bumper year when rates are low. The one benefits largely in the years of high prices; the other—the insecure tract—may in such years have to consume all its produces, and is none-the-richer because its food has a higher rupee value.

No. 419, dated 21st August 1912.

No. 22a

From—Major A. J. O'BRIEN, C. I. E., Deputy Commissioner, Shahpur,

To—The Commissioner, Rawalpindi Division.

I HAVE the honour to forward for orders a copy of Mr. Leigh's note on prices to be assumed at his settlement. It will be seen that, although there has been a steady rise of prices during every period of years, Mr. Leigh does not propose to assume that the average for the last ten years will be maintained in future, and has assumed lower rates throughout. One reason for this is that the sailab and inundation canal areas may be affected by the opening of the Upper Jhelum Canal, and that it is as well to temper the wind beforehand. I am not sure that this argument is sound. If, as is uncertain, there is any real loss in areas under fixed assessments, relief will have to be afforded, while fluctuating assessments bring their own relief. The real reason for keeping the prices low is the existence of Mr. Rudkin's recent settlement in a more secure and wealthy tract. This is an obvious block to any great increase by Mr. Leigh, who has, however, raised the rates on a certain number of crops, and I think this should suffice. The most important rise is that of cotton, for which Mr. Leigh fixes 91 as compared with 80, 74 and 80 in the Lower Jhelum Canal, Gujranwala and Gugera Circle II, respectively. The figure of 91 is abundantly justified by the details in Statement I. The only question is whether there should be a tendency to some form of bounty to this particular crop. I agree with Mr. Leigh that a lower price should be assumed for Thal gram. When most plentiful, it is not easy to get a good price for it. I have no remarks to make concerning the other items.

Note, dated 6th August 1912, by M. S. LEIGH, Esquire, I.C.S., Assistant Settlement
Officer, Shahpur.

No. 22 a

I SUBMIT herewith my report on prices current, as required by paragraph 225 of the Settlement Manual, for favour of obtaining orders from the Financial Commissioner.

Revenue (Revenue) Department June 1915, Nos. 16 23.

2. The method adopted by Mr. Wilson in fixing the prices for last settlement, and his opinion as to their fairness, will be found clearly stated in paragraph 20 of his final settlement report of this district. It will be seen that his estimates were primarily based upon a close examination of actual transactions in typical centres, and that in his opinion the prices adopted (though, especially in the case of wheat, they were at one time suspected of being dangerously high) were proved by the history of the immediately succeeding years to be somewhat below what the facts would have justified. In 1903-04 the price of wheat in the hill circle of Khushab was equal to the adopted rate and the price of gram in the Thal Circle fell 2 annas per maund below it, but otherwise prices have consistently surpassed the adopted rates, and in some cases, notably cotton and taramira, have never come within sight of them.

3. At the time of Mr. Wilson's settlement there were one or two considerations making for caution which have now ceased to exist. The large bar tract had then great potentialities, but was an extremely insecure area, and it had to be borne in mind that this large slice of the district would have little chance of profiting by the rise of prices in a lean year, and would have to bring its goods to market only when plentiful rains had brought cheapness. All the bar and a good deal of riverain was at some distance from the railway and divided from it by the river. Now the bar is probably the most secure part of the district, and is crossed by a railway giving direct connection with Karachi, and capable of serving much of the cis-Jhelum riverain without undue expenditure upon intermediate transport. Four markets have been opened on this railway, at Phularwan-Bhalwal, Sargodha and Silanwali and have a steady influence.

4. The influence of these markets may be said to have made itself felt since 1906, consequently the figures for the years 1907—1911 have been considered separately: they will be found in the comparative statement attached (No. 1). The circle note-books of the tract under settlement have been collected, and those of the three Jhelum circles may be taken as setting forth with some approach to accuracy the zamindar's receipts for his produce. The figures of the Khushab-Jhelum Circle are, however, noticeably higher than those of the Shahpur and Bhera Jhelum circles, and as there is no apparent reason why the market in that circle, taken as a whole, should be better than that in the circles just across the river, I suspect that the entries have been unduly influenced by the prices ruling at tahsil head-quarters where there is a railway station close to the river, these prices would certainly be higher than those obtained throughout the circle as a whole, the tract below Khushab diverging abruptly from the railway, and being, from the point of view of communication, almost the worst off in the district.

I have, therefore, taken the average of the Bhera and Shahpur-Jhelum circles as representing most accurately the market prices obtainable in the most productive and secure portion of the tract under settlement.

5. The validity of the figures may be easily checked by comparing stage 3 and stage 4 of statement I. The former gives the results deduced from the circle note-books for the years 1907—1911, and the latter gives the results of an examination of various account books for the same period. The data afforded by this examination are probably as satisfactory as could be desired. The Tahsildar (M. Kifayat Ali) has examined the books of grain-dealers in the markets of Miani, Bhera, Sahiwal and Khushab and the large villages of Chak Ram Das and Shahpur, Court of Wards accounts for the estates of Jalpana and Mitha Tiwana, and the accounts (most of them distinctly well kept) of the Maliks of Kot Hakim Khan, Nurpur, Sirdarpur (dakhli chawa), Khwajabad, Kalra, Sirdarpur (tahsil Shahpur), Jahanabad and Jalalpur Jadid. The data have been tabulated under three heads (see stages 4—6 of statement I)—

- (1) Prices received by zamindars from grain-dealers in the three months immediately following each harvest.
- (2) Prices received by zamindars (for the most part the rich maliks who have their own granaries, and are not forced to sell immediately) at all times of the year.
- (3) Prices obtained by grain-dealers in transactions with other grain-dealers. A comparison of the first series with the second will give some indication of the extent to which it profits a farmer to hold up his crop in hopes of a rise in prices; the result would suggest that he stands to lose more by deterioration through damp, pests, &c., than he can make by watching the market. A comparison of these two series with the third gives some idea of middleman's profits on straightforward transactions. Of course the village

Inferences from the data of local accounts.

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shop-keeper does not depend for his livelihood entirely on his gains as an *entrepreneur*, and a hopeful source of profit is shown by a comparison of stages 3 and 7 of statement I.

Statement I—In collecting these statistics, the tahsildar has left out of account exceptional items, *e.g.*, those in which damaged goods were sold much below normal rates, and those

Abnormal items excluded.

of the year 1899, when scarcity raised prices to famine rates.

6. The 5 years 1907—1911 have been considered separately, as mentioned above

The past quinquennium in some respects misleading. owing to changes in the conditions of trade and traffic, but they can hardly be taken as a safe basis for analogising as to future expectations, owing to the fact that 2 of the 5 years (1908 and 1909), though not marked by any real failure of crops in this tract, saw a very great rise in prices, which has not been maintained, and which cannot be counted on to recur. The five preceding years were marked on the whole by good harvests and steady prices, but these

But cannot be altogether ignored. they also cannot be considered separately, because they give no indication of the recent developments and the subsequent rise, which will not, in all probability, altogether abate in the immediate future. If an average for the

The decennial average typical. whole 10 years is taken, the result will be a more trustworthy guide, giving 3 years of low prices, 5 of ordinary prices and 2 of high prices, a

Peculiar need for moderation in the case of certain crops. which have prevailed within the last 10 years cannot safely be ignored in the case of those

crops which are for the most part consumed locally, and do not reach the big markets, except in seasons of great plenty; in fact, it must be borne in mind that the bulk of the sales of produce of this kind are transacted when rates are low. In proof of this (if any proof is needed) it may be pointed out that grain-dealers sell jowar on an average cheaper than they buy it. This means that in a lean year the village shopkeeper buys at a high rate as much as the zamindar can spare, for use in his own homestead; whereas in a fat year, he buys up what the zamindar doesn't want and sells it at a profit. So that the real selling price of jowar for the past 5 years will not be 37 annas, as shown in stage 4 of statement I, but about 30 (33 being the figure for both jowar and barley, in stage 6, and 30 being the figure for barley in stage 4).

Nor can years of high prices in the last 10 years be entirely ignored, for though portions of the district are still subject to crop failure and scarcity, the tract, of which we have been considering the returns, is largely protected by wells, floods and inundation canals, and it would be a very exceptional year in which there was no surplus wheat, cotton or tobacco for export.

7. The figures for the past 10 years then will give us a very fair guide; those for

The net advance of prices.

Cis-Jhelum circles as recorded in the note-books will be found in stage 10 of Statement I. Those shown in the tahsildar's extract from private accounts agree closely with these in the case of the more important crops. For further comparison, I have added the note-book figures for the past 16 years, and the tahsildar's figures for the period of the current settlement. The three series suggest a steady rise in the crops with a world-market, and a far more uncertain variation in the case of the crops locally consumed. This point is made clearer by statement II, in which three periods of five years each since 1897 are compared with one another. In the first period only four harvests have been taken for each crop, as it included 2 years of severe scarcity, and if both have been included, the figures would have given a wrong impression of the average obtained by the zamindar: I have therefore taken the four lowest figures for each crop in this period, thus taking some account of the fact that such surplus as there was, was sold for good prices. Even so the average price of most crops is slightly in excess of that for the succeeding quinquennium, and those of kharif cereals and pulses markedly so. The conclusion is the same as has already been indicated, *viz.*, that a marked rise in wheat, barley, oil-seeds and cotton tends to persist, in spite of the return of the favourable seasons, whereas crops with a restricted market at once fall to a normal level, when the temporary scarcity has abated. For the latter class of crops then, the second quinquennium is a safer guide than either the first or the third. The circle note-books hardly do justice to the fall in prices, in the middle quinquennium, in the case of the more unstable crops.

8. It is a question how far the Khushab Tahsil should be differentiated from the rest

Applicability of one scale to the whole tract under settlement.

of the tract under assessment. Stages 10, 11, 12 of statement I give materials for a comparison of the circle note-book results, and it will be seen that the average prices recorded are higher across the Jhelum. The actual transactions investigated by the tahsildar also indicate a higher rate, but it may be noticed that these all took place in, or near, Khushab and the railway. There is an

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Arthi in Khushab who does a big trade with Karachi, taking annas 8 or annas 12 per cent. commission, and probably his rates have a marked effect upon prices recorded in the immediate neighbourhood. But, as I have said above, I very much doubt whether the average price obtained by a zamindar at Giro, or in the Thal or the Hill Circle as a whole, is at all in excess of that obtained in the Shahpur riverain. Much of the wheat grown in Khushab is the red variety, which is more popular than the white among local consumers, but is less in demand for export to Europe. Traffic by river from Khushab to Multan and Sukkur, at one time extensive, has now been largely superseded by camel transport which is more expeditious, but also more costly. Many parts of the tahsil are not within easy reach of the railway, and the barani tracts are very extensive and particularly insecure. There would be very little surplus produce in most years of high prices. I see no good reason therefore for proposing a separate general scale of rates for Khushab.

9. One differentiation should be made, however, I think, namely in the case of gram in the Thal Circle. This crop has only come into fashion of late in this circle, and when the season is favourable very large crops are obtained. The success of the harvest is, however, entirely dependent on the rainfall, and in a bad season (such as that just passed) next to nothing is obtained. The circle note-book shows that in a good year prices go down with a run, whereas in other circles it is far less variable. The riverain circles grow their gram on irrigated or flooded land, the Hill circle grows practically none, and the Mohar Circle is at no point very far from the Railway. Hence I think the rate for gram in the Thal should be lower than elsewhere.

10. I append a statement (No. III) comparing the prices adopted at last settlement with those adopted recently in the Jhelum Colony, Gujranwala Tahsil, and the Gugera Branch, Circle II, and with those which I now proceed to suggest for adoption in this settlement. I have also included the figures for the three neighbouring districts of Jhelum, Jhang and Mianwali. I consider that it would be undesirable to depart widely from the rates adopted in the Lower Jhelum Colony, except for very good reason. Many land-owners have property in both parts of the district, and it would certainly strike them as anomalous if they found themselves assessed more heavily on their Inundation Canal holdings than on their permanent canal holdings, when the only ground for the difference would be the fact that the scale of commutation prices was fixed two years later, those two years having seen a distinct fall in prices. The markets along the line of railway more or less set the rate for the district as a whole, and the prices assumed by Mr. Rudkin were designed to hold good for these markets for the next 10 years. I shall now proceed to consider each class of crop, special regard being had to the prices that have obtained in the last 10 years, and to the prices adopted by Mr. Rudkin.

11. (a) *Wheat*: average price for the last 10 years is about 38 annas varying from 29 in 1904 to 53 in 1909: in 1911 it had returned to 37 in Bhera and 33 in Shabpur, but in the latter case the crop had suffered from rain at harvest. It is not very likely to fall much below the decennial average for more than a year or so at a time. Considering that many villages have to send their produce to markets at a distance, at an average price of about 1 anna a maund (camel hire from Sahiwal to Sillanwali is annas 4), the village price may be fixed at 36 annas, which is the same rate as Mr. Rudkin's.

(b) *Wheat straw*: the common method of dealing in straw in this district is by paying a certain number of annas per maund of grain. Canal owners regularly commute their claim to a share of the straw on this basis, the rate varying from 2 annas to 4 annas. Assuming an outturn of 9 maunds per acre, the value of the straw would be between Re. 1-2-0 per acre and Rs. 2-4-0 per acre, but the canal owners are apt to grant easy terms in some cases, and Rs. 3 may be considered a full average value: this would work out at about 4 annas per maund of straw on nahri land and the best sailab. But much of the sailab crop is very short stalked, owing to the shallowness of the moisture-retaining stratum, and the average value of sailab straw is probably not above Rs. 2 per acre, and in view of the large home consumption involved in the upkeep of well cattle, I consider Rs. 2 for all wheat straw is sufficient. If this appears unduly light, I would suggest Rs. 3 for nahri and Rs. 2 for sailab. But it may be remarked that Rs. 3 was accepted for the Gugera Branch, II Circle, and crops grown on inundation canals cannot count on the same length of stalk as crops regularly watered from a perennial canal.

(c) *Barley*: average for past 10 years is 26 annas, ranging from 16 annas in 1904 to 40 in 1909, annas 24 in 1910 and 1911. Is not produced in any large quantities, and is probably mainly sold in years of plenty. Mr. Rudkin assumed annas 22, which seems rather low. I would propose 24 annas.

(d) *Barley straw*: same as wheat straw.

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- (e) *Gram* : average for past 10 years is 31 annas varying from 18 annas in 1904 to 53 annas in 1908. Stood at 27 in 1910. Is not likely to fall below this in the riverain area. Mr. Rudkin fixed 28 annas which may be accepted. In the Thal, however, the range is from 18 annas to 53 annas, and in 1911 the price was 24. Gram cultivation is very much on the increase in the Thal, and in seasons of propitious rainfall plentiful crops may be expected, and the rate will probably be well below the average of the past 10 years. In dry seasons the produce will be negligible. I consider 24 annas as safe as it would be advisable to go. I propose 24 annas for the Thal and 28 annas for other circles.
- (f) *Gram straw* : is generally left out of account, as it was at last settlement. It has, however, a distinct selling value in this district, where camels are numerous, and where a share of the straw is taken on the canal lands, in theory at least. The Gugera Branch rate of Re. 1 per acre may be accepted.
- (g) *Massar* : average for last 10 years is 34 annas according to circle note-books and 29 according to actual accounts varying from 53 in 1907 to 24 in 1911. Grown mainly on inferior riverain lands and transport must in many cases be a matter of difficulty. Mr. Dobson's figure is 24 annas which may be accepted.
- (h) *Linseed* : average for 10 years is 60 annas, 64 annas seems a normal price in a good year, and this was the rate in 1909. This is Mr. Dobson's rate, and may be accepted.
- (i) *Sarson and taramira* may be classed together. The former is not grown to any great extent. The latter is largely grown in the Hill Circle, after a kharif bajra crop. Elsewhere it is grown in scattered patches and along boundaries, and recorded areas are very vague. Mr. Rudkin and Mr. Dobson both assume Rs. 8 per acre for these crops, and this may be accepted for irrigated land: annas 48 per maund seems the normal for unirrigated land.
- (j) *Toria* is not in favour on the inundation canals, since its maturing is too much a matter of speculation. It is an unimportant crop in this part of the district. Mr. Rudkin's rate of 52 annas may be accepted.
- (k) *Tobacco* commands a ready sale in the colony, and should be sure of a firm market in the future. Average price for last 10 years is over Rs. 8 per maund. In the hills good well plots sell for Re. 1 per marla, i. e., Rs. 160 per acre: I think Rs. 40 is the least that should be assumed per acre.
- (l) *Carrots and Turnips* do not come on to the market to any great extent: such sales as take place are at Rs. 20 to Rs. 60 per acre, but the great bulk of this crop is grown on well lands and fed to the well cattle. Assuming that 1 acre in 10 is sold, the average per acre cultivated would be about Rs. 5, which is Mr. Rudkin's assumption. I would adopt this.
- (m) *Other fodder crops (kharif and rabi)* are mainly grown for home consumption. I would adopt Mr. Rudkin's rabi price of Rs. 8.
- (n) *Garden produce*: includes valuable crops like saunf, sawank, melons and vegetables. I recommend Rs. 24 per acre, which is probably very moderate. Mr. Rudkin assumes Rs. 16.
- (o) *Mahdi* is still largely cultivated in the vicinity of Bhera, and is a profitable but troublesome crop. It varies from Rs. 60 to Rs. 80 per acre. Rs. 60 may be taken as an average.
- (p) *Rice*: average for last ten years is 33 annas according to the note-books and 27 according to accounts varying from 18 annas in 1902 to 49 annas in 1907. Is not, as a rule, extensively grown, except on land newly thrown up by the river. Mr. Rudkin and Mr. Dobson assume 24 annas, which seems sufficient.
- (q) *Maise*: average for 10 years is 34 annas according to the note-books and 20 according to accounts: the latter rate is obviously misleading, varying from 12 annas in 1904 to 49 annas in 1908. Is not likely to remain below 23 annas for any length of time, and is grown fairly extensively, especially in Bhera. Mr. Rudkin and Mr. Dobson assume 24 annas, but the Gujranwala rate of 28 annas may be accepted.
- (r) *Jowar*: average for last 10 years is 32 annas, varying from 15 annas in 1904 to 53 annas in 1908. It will appear from what has been written above (paragraph 6) that mere averages are particularly misleading in the case of this crop and other grains grown mainly for fodder. I think it would be unfair to go higher than 26, which is Mr. Rudkin's rate, but this is probably low enough.
- (s) *Bajra*: average for last 10 years is 34 annas, varying from 21 annas in 1904 and 1905 to 49 annas in 1908. It stood at 29 in Shahpur in 1910. Is somewhat less uncertain

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than jowar, being cultivated on good wells as well as on barani lands in Khushab. For the district as a whole 80 annas may be assumed as against 28 annas adopted by Mr. Rudkin.

(f) *Pulses*: average for last 10 years is 46 annas. Moth is largely grown in Khushab, where it is a very uncertain crop, 28 annas seems high enough for this, 26 annas having been adopted in Mianwali. Other pulses may be put at 40 annas as in Gujranwala.

(g) *Til*: average price for 10 years is 90 annas (82 according to accounts), but the price was only 71 annas in 1910. I think annas 72 may be adopted.

(h) *China and Kangni*: average 27 and 41 annas, respectively, for the last 10 years, but the former was sold at 20 annas in 1910, and these are crops, that would be mainly sold in seasons of good rainfall. I think 20 annas is quite high enough: it compares with 19 annas on the Gugera Branch.

(i) *Sugarcane* is little grown, and is mainly devoted to suctional uses. May be put at Rs. 100 per acre, the selling price in the towns near which it is mainly grown being about Rs. 120.

(j) *Cotton*: average for past 10 years is 97, 80 being the minimum. Factories have recently been opened at Bhalwal, Sargodha, &c., and the market is much more likely to improve than decline. The tahsildar is of opinion that the price of cotton is unlikely to go below 106 annas in the future, but in view of possible developments in Africa and elsewhere it would be rash to assume too great a fixity of value at present. Mr. Rudkin's 80 might, however, be safely raised to 91 in my opinion: there seems little chance of the rate falling below this for any length of time.

(k) *Other fibres* are not extensively grown: they may be put at Mr. Rudkin's figure of Rs. 16 per acre.

(l) *Ghi* has steadily increased in price since settlement, and is now selling at 15 chittanks. I do not think that even when the district has recovered from the recent drought the price is likely to fall below $1\frac{1}{4}$ seer to the rupee. It may therefore be assumed at 32 per maund.

12. It can hardly be disputed that the above proposals are eminently cautious: it is more than likely that the future will show that very much higher rates might safely have

Reasons for apparent caution.
been taken. It must, however, be remembered that the greater part of the tract under settlement is even more insecure than it was at last settlement, owing to the fact that the winter river supply is about to be seriously affected by the Triple Canal Project, and the future of the Inundation canals is by no means free from doubt. Should the prosperity of the tracts be affected, the surplus produce forthcoming for sale in the years of high prices will be less than it has been hitherto, and the zamindars will have to sell a higher proportion of their marketable goods at lower rates. Also, as has been said, it seems anomalous to have two halves of a district assessed within three years of one another (three years which have seen prices descend from an unusually high level), and to have the range of prices in the less secure half pitched considerably higher than the range of prices in the more secure. For this reason I have only proposed an advance on the prices sanctioned for the Lower Jhelum Colony in cases where the facts seemed really to demand it—namely, in the case of maize, bajra, sugarcane, cotton, garden-produce, barley, tobacco, and possibly wheat straw. Even in these cases, I consider, that if there is an error, it is in favour of the zamindar. Taking into consideration the peculiarities of recent seasons, the uncertainty of the future, especially in the Jhelum riverain, and the pitch of sanctioned rates in neighbouring tracts of similar circumstances, I think my proposals may be accepted as fair.

STATEMENT I.—Comparative table of prices current in various tracts, periods, transactions and circumstances, during the current settlement.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Stage.		Wheat.	Barley.	Gram.	Massar.	Sarson.	Taramira.	Toria.	Tobacco.	Linseed.	Jowar.	Bajra.	Unginned cotton.	Maize.	Rice.	Til.	China.	Kangni.	Moh.	Mung.	Mash.	REMARKS.
1	Average prices, Bhera-Jhelum Circle Note-book (1907—11).	42	31	36	39	65	56	67	135	77	38	40	102	41	37	99	29	46	44	52	64	All prices in annas per maund.
2	Average prices, Shahpur-Jhelum (1907—11).	42	29	35	37	71	58	65	181	74	41	42	117	44	41	103	38	50	43	49	68	
3	Average for Cis-Jhelum Riverain (1907—11).	42	30	35	38	68	57	66	158	75	39	41	109	42	39	101	32	48	43	50	66	
4	Average prices received by zamindars at harvest (1907—11).	42	30	33	32	80	53	68	106	80	37	40	106	32	33	91	23	...	40	40	...	
5	Average prices received by zamindars throughout the year (1907—11).	42	29	33	32	64	53	64	106	71	33	35	106	29	32	91	23	45	45	40	58	
6	Average prices received by merchants from merchants (1907—11).	49	33	37	37	80	64	71	128	...	33	32	106	49	40	91	45	33	35	49	...	
7	Average prices paid by zamindars for seed (1907—11).	53	...	71	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	Average prices received by zamindars (1893—1911)	33	25	27	29	58	45	49	91	71	30	32	91	22	26	80	24	...	35	26	33	Exclusive of exceptional prices.
9	Average prices, Cis-Jhelum Note-books (1896—1911).	37	27	31	34	59	48	...	121	66	34	35	88	35	35	84	27	38	40	44	51	
10	Ten years' average, Cis-Jhelum Note-books (1902—11).	38	26	31	34	60	50	64	123	70	32	34	97	34	33	90	27	41	37	45	57	
11	Ten years' average, Khushab-Jhelum Circle (1902—11).	40	30	31	33	66	51	...	124	78	34	38	95	32	32	94	27	37	35	45	60	
12	Ten years' average, other Khushab Circles (1902—11).	42	30	32	...	63	49	...	103	80	35	38	99	36	...	95	...	...	36	44	60
13	Gazette prices (1892—1911)	...	33	...	30	...	...	...	...	...	33	33	80	...	...	...	...	...	...	...	...
14	Ditto (1902—11).	...	37	...	30	33	33	91	
15	Normal standard fixed by Director of Land Records, 1912.	40	...	33	52	38	110	

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SHAHPUR.
The 6th August 1912.

M. S. LEIGH,
Assistant Settlement Officer.

No. 22c

STATEMENT II.—Prices current during three successive quinquennia, from 1897 to 1911, as shown by Circle Note-books and local Account books.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Serial No.		Wheat.	Barley.	Gram.	Masur.	Sesam.	Taramira	Toria.	Jowar.	Bajra.	Unginned cotton.	Maize.	Rice.	Til.	China.	Moth.	Mung.	Mash.	Oli.	REMARKS.
1	Average, Cis-Jhelum Note-books	34	25	29	29	51	39	...	31	32	70	82	33	73	26	33	46	46	...	}
2	Average, Account books																			
3	Average, Cis-Jhelum Note-books	33	23	26	31	53	43	54	25	28	85	27	27	79	20	31	41	48	...	}
4	Average, Account books																			
5	Average, Cis-Jhelum Note-books	42	30	35	38	68	57	66	39	41	109	42	39	101	33	43	50	66	...	}
6	Average, Account books																			

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M. S. LEIGH,

Assistant Settlement Officer, Shahpur

The 6th August 1912.

STATEMENT III.—Comparative statement of prices assumed in the last settlement and various neighbouring and recent settlements.

No. of soil.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
		Rice.	Maize.	Jowar.	Bajra.	Moth.	Mung	Mash.	Til.	China and Kangni.	Sugarcane.	Cotton.	Fibres.	Fodder.	Garden produce.	Wheat.	Barley.	Gram.	Masur.	Aisi (linseed).	Sarson.	Taramira.	Toria.	Tobacco.	Roots.	Other fodder.	Garden produce.	Wheat straw.	Barley straw.	Gram straw.	Jowar straw.	Mahdi.	Ghi.	
1	Adopted at last Settlement, 1892.	18	20	18	21	Rs. 10 per acre.			64	14	Rs. 60	42	Rs. 10 per acre.		Rs. 20 per acre.	25	16	18	Rs. 10 per acre		18	Rs. 10 per acre				Rs. 20 per acre.	Rs. 1-8-0 per acre.	...	...	...	Rs. 40 per acre.	Rs. 0-8-0 per seer.	
2	Adopted in Jhelum, 1897.	...	22	...	20	22	22	22	...	Rs. 7-8-0	Rs. 75	58	Rs. 7-8-0		Rs. 20	25	18½	18½	...	32	32	32	32	Rs. 55	Rs. 12		Rs. 25	Rs. 5	...	...	...	...	Rs. 0-10-0 per seer.
3	Adopted in Jhang, 1905.	Rs. 14	24	25	27	32	32	32	57	...	Rs. 60	59	Rs. 8	Rs. 4	Rs. 20	28	18	23	...	Rs. 8			...	Rs. 30	Rs. 4	Rs. 4	Rs. 20	Rs. 2	Rs. 2	...	Rs. 3
4	Adopted in Mianwali, 1907.	...	...	20	24	28	34	...	60	...	...	64	...	Rs. 4	Rs. 5	30	19	22	23	...	40	38	...	Rs. 20	Rs. 4	Rs. 4	Rs. 10	...	...	...	...	...	...
5	Adopted in Lower Jhelum Colony, 1911.	24	24	26	28	Rs. 7			...	...	Rs. 50	80	Rs. 16	Rs. 6	Rs. 14	36	22	28	...	Rs. 8	52	Rs. 16	Rs. 5	Rs. 8	Rs. 16	Rs. 2	Rs. 2	...	Rs. 2	...	...	...	...
6	Adopted in Tahsil Gujranwala.	28	28	28	27	40	40	40	52	27	57	74	Rs. 24.		...	34	22	28	...	52	52	52	52	Rs. 24	Rs. 15	Rs. 15	Rs. 24	...	...	...	...	...	...
7	Adopted in Gugera, Circle II, 1912.	24	24	26	28	Rs. 8			46	19	57	80	Rs. 20	Rs. 8	Rs. 20	36	28	28	24	64	Rs. 8	52	Rs. 20	Rs. 8	Rs. 12	Rs. 20	Rs. 3	Rs. 3	Rs. 1	Rs. 4	...	...	...
8	Now proposed ...	24	28	26	30	38	40	40	72	20	Rs. 100	91	Rs. 16	Rs. 8	Rs. 24	36	24	24	24	64	Rs. 8	52	Rs. 40	Rs. 8	Rs. 8	Rs. 24	Rs. 2	Rs. 2	Rs. 1	...	Rs. 60	Rs. 32 per maund.		

*Thal Circle.

M. S. LEIGH,

Assistant Settlement Officer, Shahpur.

The 6th August 1912.

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No. 22f

No. 6917, dated Lahore, 4th October 1912.

From—H. A. SMITH, Esquire, I.C.S., Junior Secretary to the Financial Commissioners, Punjab,
To—The Commissioner, Rawalpindi Division.

I AM directed to acknowledge receipt of your letter No. 4480, dated 30th August 1912, on the subject of prices to be assumed for the Shahpur Settlement, and to observe as follows

2. Mr. Leigh's proposed scale of commutation prices has been arrived at from a very careful examination of the prices of the last 15 years. But in the statements appended to his report he has shown those prices in the shape of averages for stated period. Such averages are misleading, and it is for that reason that Commissioner and Deputy Commissioner in their criticisms seem to regard the scale as low rather than high

3. In order to test the scale thoroughly it is necessary to examine the detailed figures for past years, and see in how many of those years prices have fallen below the proposed scale (*vide* end of paragraph 336, Settlement Manual.) The Financial Commissioner obtained the detailed statements from Mr. Leigh from which he drew his averages and Mr. Diack finds that, judged by this test, Mr. Leigh's scale is not low, but represents very fairly the pitch below which prices are not likely to fall during the coming term of Settlement. Indeed as regards cotton the Financial Commissioner is doubtful whether it is safe to put the price higher than Rs. 5 per maund, the highest price hitherto assumed in a commutation scale.

2. In deference to the opinions expressed, however, the Financial Commissioner approves of a rate of 88 annas for cotton. The only other alteration Mr. Diack thinks it necessary to make in the Settlement Officer's proposals is to differentiate between *sarson* and *taramira*. The area under the former crop is small in Shahpur, but as it is certainly the more valuable it should be rated higher. Its price may be taken at 48 annas as proposed, but a rate of 42 annas is sufficiently high for *taramira*.

The other rates proposed by the Settlement Officer are approved.

FROM

THE HON'BLE MR. J. P. THOMPSON, I.C.S.,
Revenue Secretary to Government,
Punjab and its Dependencies,

TO

THE JUNIOR SECRETARY TO THE FINANCIAL
 COMMISSIONERS, PUNJAB.

Dated Simla, 19th June 1915.

Revenue & Agriculture.

Revenue.

SIR,

I AM directed to acknowledge the receipt of your letter No. 417, dated 29th April 1915, and to convey the following remarks of the Lieutenant-Governor on the Financial Commissioners' draft orders on the Assessment Report of the Khushab Tahsil of the Shahpur District.

2. His Honour has studied the papers bearing on this question with peculiar interest, having had a fairly intimate knowledge of the tahsil in 1887-89 when he was assistant to Mr. (now Sir J.) Wilson who was then carrying out the settlement now under revision. During that period Sir Michael O'Dwyer saw the tract perhaps at its worst in the disastrous year 1887-88, when the failure of crops and fodder drove the population of the plains with their cattle all over the Punjab as far east as the Jamna in search of pasture, and the Awans of the hill circle (who had not then taken to military service with the keenness they now show) as far south as Baluchistan to find employment on the Harnai and Bolan Railways. The following year was one of good rainfall and bounteous harvests, except in the Thal which still lay under the scourge of drought, and where Sir Michael O'Dwyer had to distribute relief to the starving population. The rest of the tahsil, however, had made a wonderfully rapid recovery, and the Lieutenant-Governor has never, before or since, seen crops so fine as the *bajra* and *jawar* in the embanked lands of the Hill and Mohar Circles in the autumn of 1888.

3. These extraordinary fluctuations in agriculture, due to the scanty and capricious rainfall in a tract with only 6 per cent. of the cultivated area protected by irrigation, are well illustrated by the statistics of the maximum and minimum matured areas of the last 20 years given in paragraph 38 of the Report.

Looking to those figures and the consequent portentous statistics of suspensions and remissions (paragraph 18), it would appear that a fluctuating system of assessment could alone adequately meet local conditions. However, admirable such a system might be in theory, there are two serious practical objections to it. In the first place, it would be extremely unpopular with the people who have adapted themselves to the present system of a fixed demand tempered with liberal suspensions and remissions in bad years, and, secondly, it would be very difficult to work outside the Jhelum circle owing to the scattered nature of the cultivation and the enormous distances to be covered.

Moreover, if a fixed assessment has been found workable in the past with a liberal system of suspensions and remissions—and how liberal these have been is clearly brought out in the Commissioner's very incisive and able review—there is every reason to believe that there will be still less difficulty in working it in the future.

4. This belief is based not only on past experience of the great staying and rapid recuperative power of the agricultural population, due partly to the plenty created by a single good harvest and partly (outside the Hill Circle) to the great pastoral resources, but also on the very marked improvement in economic conditions which has taken place within the last 20 years. Cultivation has increased all round and has nearly trebled in the once poverty-stricken Thal Circle, where the introduction of gram has revolutionized conditions. The quality of the husbandry has improved by the steady substitution of Rabi for the more precarious Kharif crops, and though the present allowance for failed crops is more liberal than at last settlement, the matured area shows an increase of 20 per cent. Prices of produce have appreciated by at least 22 per cent., and in the Mohar and Thal there is a large surplus for export. The value of land has risen by from 100 to 400 per cent., while the area encumbered by mortgages has steadily diminished since the passing of the Land Alienation Act. Cattle, which form a very valuable asset, have increased by over 50 per cent. Population shows a rise of 17 per cent., but the expansion of cultivation (38 per cent.) has been even more rapid, and, outside the Hill Circle, there is ample margin for further extension. Finally the income from Government service has more than doubled and now amounts to about 8 lakhs of rupees annually.

5. Mr. Wilson's assessment at last settlement raised the demand by 30 per cent. and absorbed 84 per cent. of the half-net-assets. The incidence was regarded by Government at the time as not so high as would at first sight appear owing to the very low prices assumed, but the prices were as high as in any contemporary settlement, and His Honour considers the demand was, as Mr. Wilson himself left on record, a comparatively full one. Its incidence was, however, much lightened by the growth of cultivation and the rise in prices; but it is not surprising to any one who studies the crop statistics to find that in 20 years the demand of 2½ years was suspended and nearly one year's demand has been remitted. The Thal and Mohar have, as might be expected, stood most in need of leniency in collection.

The Commissioner has given a very instructive comparison of what we have actually collected from the Mohar Circle with what we should have collected had we enforced from year to year the standard of 17 per cent. of the gross produce represented by Mr. Wilson's assessment. The result he arrives at is that allowing for remissions we have taken in the Mohar only Rs. 13,41,000 out of Rs. 20,00,000, which we might have taken.

The conclusion he draws is, however, that in insecure tracts like the Mohar and Thal we must give considerable remissions from time to time, even though our assessment is studiously moderate, and that we should formulate a reasonably full assessment foregoing the demand readily when bad harvests follow each other in succession.

6. Mr. Wilson's half assets estimate at last settlement was Rs. 2,20,000 (round): Mr. Leigh's present estimate is Rs. 4,16,600. The Financial Commissioners' estimate is Rs. 4,03,100. The reduction is the result of his lowering the Thal rates of outturn—especially for gram—thus reducing the half-assets for that Circle from Rs. 44,500 to Rs. 31,000.

His Honour considers that this reduction, which, in spite of the subsequent improvement in crops and prices, would give a lower rate per acre than Mr. Wilson assumed, is too sweeping, and he would put the Thal half-assets on cultivation at Rs. 37,000 and the total for the tahsil at Rs. 4,10,000 (round).

7. The Settlement Officer has with much labour and ingenuity calculated the value of the half-assets on the waste land to be Rs. 1,95,000. His Honour agrees with the Financial Commissioner in the view that it is unnecessary to take these—even if we regard them as a reliable basis for assessment—into account

in the Jhelum and Hill Circles where they form but a small proportion of the total assets, and where the increase in the proceeds from agriculture justifies us in taking as great an enhancement as is practicable and expedient. But His Honour doubts if the Financial Commissioner's view, that we should entirely disregard the profits from the waste when we can take a sufficient enhancement on the cultivation, is justified by the principles laid down in paragraph 383 of the Settlement Manual, or is adapted to the circumstances of the Thal and Mohar Circles with their enormous areas of profit-yielding waste. Nor is it in harmony with the practice followed in the adjoining and similar Bhakkar and Leiah Tahsils, where the profits from grazing have been estimated and assessed. Following past practice, the profits from the waste should be assessed—though leniently—in those two circles. In the other two circles it will of course be open to the zamindars to put a portion of the assessment on the waste in distribution.

8. Coming now to the circle assessments His Honour would, in the Jhelum Circle, accept the Rs. 75,000 proposed by the Settlement Officer, leaving it to the Financial Commissioner to determine what sum out of this should be imposed on date groves.

9. In the Hill Circle, the Settlement Officer, Commissioner, and Financial Commissioner are unanimous in proposing an increase from Rs. 53,487 to Rs. 66,000. An enhancement of $23\frac{1}{2}$ per cent. in a tract where the effective increase of cultivation has been only 7 per cent., where holdings are so small as to leave little surplus produce for sale, and where there is no room to extend cultivation except at prohibitive cost, appears rather high. At last settlement with an increase of 20 per cent. in cultivation and 80 per cent. in prices the demand was raised by only 20 per cent., and accepting the arguments in favour of leniency at last settlement as equally applicable today, His Honour would not go above that figure now and would limit the new demand to Rs. 64,000.

10. In the Mohar Circle His Honour accepts the Financial Commissioner's proposal, which follows the Settlement Officer's, to raise the demand from Rs. 69,206 to Rs. 88,000, including Rs. 10,000 on the culturable waste at the rate of Rs. 4 per 100 acres.

11. The Thal assessment presents a difficult problem.

At last settlement Mr. Wilson estimated the half-assets as Rs. 5,000 on the small and precarious cultivated area and Rs. 10,000 on the waste. He imposed an assessment of Rs. 4,500 on the cultivation and Rs. 7,500 on the waste. In the distribution he followed the old rates of 4 annas per acre on cultivation and Rs. 2 per 100 acres of culturable waste.

As a result of the great though recent improvement in agriculture consequent on the successful cultivation of grain—which was almost unknown at last settlement—practically the whole demand has been thrown on the cultivated land.

The Settlement Officer calculates the present half-assets on cultivation as Rs. 44,500, but to be on the safe side His Honour has reduced this to Rs. 37,000. The old rate of 4 annas per acre would give Rs. 22,000 round. Having regard to the improved quality of the crops and the great rise in value, of which this Circle with its large surplus (see note to paragraph 52 of the report) can claim the full benefit, Sir Michael O'Dwyer considers that a new demand of 5 annas per acre giving Rs. 27,500 on the cultivation—which is what the Settlement Officer has proposed—will be lenient and suitable. The rate on the waste His Honour would similarly raise by 25 per cent. from Rs. 2 to Rs. 2-8-0 per 100 acres, giving a demand of Rs. 8,500 (round). The Settlement Officer's proposal to put Rs. 20,000 on the grazing is, as pointed out by the Commissioner and Financial Commissioner, based on some exaggeration of the profits, and would be out of all proportion to past assessments.

Thus the total new demand will be Rs. 36,000 against the present Rs. 12,000 (round). This is considerably lower than the Rs. 48,000 proposed by the Settlement Officer, which Commissioner for the reasons given in paragraph

11 (b) of his review would further enhance to Rs. 52,000, while it is in advance of the assessment of Rs. 29,000 proposed by the Financial Commissioner. The Financial Commissioner's proposal is coupled with the condition that the assessment in this Circle shall be revised after 10 years. The reason for this differentiation between the Thal and the rest of the tahsil appears to be based partly on the prospective rapid extension of cultivation which recent experience appears to indicate and partly on doubt as to the permanence of the gram cultivation. From what His Honour has seen in similar Thal Circles in Kohat and Marwat, whence the practice has spread east to Mianwali and Khushab, he is inclined to think that the cultivation of gram having once established itself will continue to spread and even to improve the quality of the soil on which it is grown. The Thal should therefore have the same term of settlement as the rest of the tahsil. This should not be less than 20 years, but the exact term will be fixed later. The final demand of Rs. 36,000 might be attained by the following stages :—

	Rs.
Immediate ...	21,000
After 5 years ...	28,000
After 10 years...	36,000

12. The result of the above readjustments will be to increase the present demand of Rs. 1,98,523 to Rs. 2,52,000 as compared with Rs. 2,76,320 proposed by the Settlement Officer, Rs. 2,92,000 by the Commissioner and Rs. 2,57,000 by the Financial Commissioner. The final demand represents an enhancement of 32 per cent. It is equivalent to 64 per cent. of the half-assets on cultivation and about 55 per cent. of the half-assets including those from the waste in the Thal and Mohar. Lenient though it is, it will call for careful and sympathetic revenue administration, especially in those two circles.

The assessment should come into force from the present Rabi harvest—which is exceptionally good—if the Financial Commissioner thinks there is time to distribute it.

On all subsidiary points not referred to, the Financial Commissioner's proposals are accepted.

13. Mr. Leigh's report, though perhaps overfull of detail, is one of exceptional merit. His knowledge of the tract and the people is comprehensive, and his proposals have been worked out with judgment, and explained with skill and lucidity.

I have, &c.,
J. P. THOMPSON,
Revenue Secretary to Government, Punjab.

(52) [Handwritten mark]

