

Table E.1 Present Land Use by Block in Sharda Command Area (2/3)

Name of District	No.	Name of Block	(A) Geographical Area			(B) Lands of Net Area Sown			(C) Irrigated Area			(D) Current Fallow			(E) Other Fallow Lands			(F) Culturable Waste			(G) Tree-garden Lands			(H) Pasture Lands			(I) User & Uncultivable Lands			(J) Forest Lands			(K) Other Lands			%
			ha	%	ha	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%			
HARDOI	6.01 PITHANI	598,817	385,742	64.4	239,125	62.0	71,497	11.9	26,482	4.4	24,273	4.1	13,340	2.2	5,195	0.9	19,867	3.3	7,451	1.2	44,970	7.5	7,451	1.2	44,970	7.5	7,451	1.2	44,970	7.5	7,451	1.2	44,970	7.5		
	6.02 TADARPUR	33,685	24,066	71.4	13,386	55.6	3,427	10.2	970	2.9	899	2.7	674	2.0	294	0.9	452	1.3	145	0.4	2,758	8.2	145	0.4	2,758	8.2	145	0.4	2,758	8.2	145	0.4	2,758	8.2		
	6.03 SHAHABAD	30,621	21,589	70.5	13,419	62.2	2,944	9.6	1,225	4.0	1,066	3.5	712	2.3	210	0.7	329	1.1	207	0.7	2,339	7.6	207	0.7	2,339	7.6	207	0.7	2,339	7.6	207	0.7	2,339	7.6		
	6.04 BHARAKHANI	34,673	25,859	74.6	19,144	74.0	3,068	8.8	972	2.8	864	1.9	279	0.8	61	0.2	793	2.3	415	1.2	2,562	7.4	415	1.2	2,562	7.4	415	1.2	2,562	7.4	415	1.2	2,562	7.4		
	6.05 HARIYAWAN	42,427	30,381	71.6	19,989	65.8	4,963	11.7	1,340	3.2	1,095	2.4	1,058	2.5	52	0.1	337	0.8	236	0.7	2,726	6.4	236	0.7	2,726	6.4	236	0.7	2,726	6.4	236	0.7	2,726	6.4		
	6.06 TADIYAWAN	29,035	17,691	60.9	10,441	59.0	2,945	10.1	2,158	7.4	1,987	6.8	477	1.6	448	1.5	848	2.9	236	0.8	2,245	7.7	236	0.8	2,245	7.7	236	0.8	2,245	7.7	236	0.8	2,245	7.7		
	6.07 BAWAN	31,235	20,004	64.0	11,569	57.8	2,769	8.9	2,060	6.6	1,913	6.1	842	2.7	312	1.0	597	1.9	366	1.2	2,372	7.6	366	1.2	2,372	7.6	366	1.2	2,372	7.6	366	1.2	2,372	7.6		
	6.08 SANDI	32,827	23,472	71.5	13,648	58.1	2,533	7.7	1,997	4.3	1,043	3.2	594	1.8	223	0.7	542	1.7	347	1.1	2,674	8.1	347	1.1	2,674	8.1	347	1.1	2,674	8.1	347	1.1	2,674	8.1		
	6.09 HARPARPUR	31,575	21,878	69.3	12,988	59.4	3,423	10.8	1,273	4.0	709	2.2	1,45	0.5	14	0.0	1,603	5.1	1,603	5.1	2,173	6.9	1,603	5.1	2,173	6.9	1,603	5.1	2,173	6.9	1,603	5.1	2,173	6.9		
	6.10 AHRAURI	30,891	22,049	71.4	13,903	63.1	3,800	12.3	730	2.4	413	1.3	1,43	0.5	24	0.1	1,086	3.5	121	0.4	2,525	8.2	121	0.4	2,525	8.2	121	0.4	2,525	8.2	121	0.4	2,525	8.2		
	6.11 SURSA	37,703	25,316	67.1	15,073	59.5	2,623	7.0	2,243	5.9	2,598	6.9	1,019	2.7	578	1.5	172	0.5	280	0.7	2,874	7.6	280	0.7	2,874	7.6	280	0.7	2,874	7.6	280	0.7	2,874	7.6		
	6.12 BILGRAM	33,628	20,340	60.5	12,058	59.3	2,847	8.5	2,150	6.4	2,289	6.8	1,954	5.8	120	0.4	968	2.9	344	1.0	2,616	7.8	344	1.0	2,616	7.8	344	1.0	2,616	7.8	344	1.0	2,616	7.8		
	6.13 KOTHAWAN	33,839	21,651	64.0	14,219	65.7	4,163	12.3	1,505	4.4	1,872	5.5	489	1.4	50	0.1	1,613	4.8	446	1.3	2,050	6.1	446	1.3	2,050	6.1	446	1.3	2,050	6.1	446	1.3	2,050	6.1		
	6.14 KACHHONA	29,485	19,757	67.0	9,293	47.0	3,395	11.5	680	2.3	1,059	3.6	555	1.9	436	1.5	862	2.9	510	1.7	2,231	7.5	510	1.7	2,231	7.5	510	1.7	2,231	7.5	510	1.7	2,231	7.5		
	6.15 MADHOGANJ	24,864	13,422	54.0	9,158	68.2	3,294	13.2	1,076	4.3	1,393	5.6	765	3.1	346	1.4	2,177	8.8	262	1.1	2,129	8.6	262	1.1	2,129	8.6	262	1.1	2,129	8.6	262	1.1	2,129	8.6		
	6.16 BHARAWAN	28,916	9,676	33.5	9,676	100.0	12,921	44.7	1,630	5.6	967	3.3	749	2.6	195	0.7	743	2.6	105	0.4	1,930	6.7	105	0.4	1,930	6.7	105	0.4	1,930	6.7	105	0.4	1,930	6.7		
	6.17 SANDILA	31,069	21,089	67.9	8,303	39.4	2,916	9.4	1,573	5.1	752	2.4	303	1.6	260	0.8	645	2.1	1,028	3.3	2,303	7.4	1,028	3.3	2,303	7.4	1,028	3.3	2,303	7.4	1,028	3.3	2,303	7.4		
	6.18 BEHDAR	31,362	16,755	53.4	11,638	69.5	3,743	11.9	1,078	3.4	1,631	5.2	1,166	3.7	923	2.9	2,368	7.6	1,179	3.8	2,539	8.1	1,179	3.8	2,539	8.1	1,179	3.8	2,539	8.1	1,179	3.8	2,539	8.1		
	6.19 MALAWAN	27,842	16,312	58.6	10,056	61.6	2,843	10.2	968	3.5	1,101	4.0	806	2.9	568	2.0	2,360	8.5	476	1.7	2,408	8.6	476	1.7	2,408	8.6	476	1.7	2,408	8.6	476	1.7	2,408	8.6		
	23,140	14,455	62.5	11,164	77.2	2,880	12.4	1,454	6.3	910	3.9	410	1.8	81	0.4	1,372	5.9	62	0.3	1,516	6.6	62	0.3	1,516	6.6	62	0.3	1,516	6.6	62	0.3	1,516	6.6			
BARABANKI	30,074	19,526	64.9	12,650	64.8	2,472	8.2	2,018	6.7	1,271	4.2	1,002	3.3	201	0.7	377	1.3	381	1.3	2,826	9.4	381	1.3	2,826	9.4	381	1.3	2,826	9.4	381	1.3	2,826	9.4			
7.01 NINDURA	30,074	19,526	64.9	12,650	64.8	2,472	8.2	2,018	6.7	1,271	4.2	1,002	3.3	201	0.7	377	1.3	381	1.3	2,826	9.4	381	1.3	2,826	9.4	381	1.3	2,826	9.4	381	1.3	2,826	9.4			
SITAPUR	567,164	412,925	72.8	165,981	40.2	49,416	8.7	17,156	3.0	9,871	1.7	6,791	1.2	631	0.1	7,786	1.4	5,033	0.9	57,555	10.1	5,033	0.9	57,555	10.1	5,033	0.9	57,555	10.1	5,033	0.9	57,555	10.1			
8.01 BEHTA	36,742	24,707	67.2	2,394	9.7	4,767	13.0	1,097	3.0	458	1.2	292	0.8	4	0.0	294	0.8	1	0.0	5,122	13.9	1	0.0	5,122	13.9	1	0.0	5,122	13.9	1	0.0	5,122	13.9			
8.02 HARGAON	27,603	21,653	78.4	11,003	50.8	1,876	6.8	683	2.5	1,84	0.7	229	0.8	39	0.1	178	0.6	24	0.1	2,208	8.3	24	0.1	2,208	8.3	24	0.1	2,208	8.3	24	0.1	2,208	8.3			
8.03 ALIA	26,713	20,385	76.3	10,864	53.3	1,815	6.8	531	2.0	623	2.3	662	2.5	23	0.1	442	1.7	24	0.1	2,071	8.9	24	0.1	2,071	8.9	24	0.1	2,071	8.9	24	0.1	2,071	8.9			
8.04 MAHOLI	23,277	17,883	76.8	11,745	65.7	1,112	4.8	536	2.3	430	1.8	368	1.6	49	0.2	353	1.5	475	2.0	2,071	8.9	475	2.0	2,071	8.9	475	2.0	2,071	8.9	475	2.0	2,071	8.9			
8.05 PISAWAN	39,780	29,926	75.2	13,808	46.1	3,840	9.7	1,281	3.2	661	1.7	422	1.1	51	0.1	648	1.6	120	0.3	2,831	7.1	120	0.3	2,831	7.1	120	0.3	2,831	7.1	120	0.3	2,831	7.1			
8.06 REOSA	43,868	32,910	75.0	2,149	6.5	2,774	6.3	1,409	3.2	1,230	2.8	575	1.3	10	0.0	311	0.7	1	0.0	4,648	10.6	1	0.0	4,648	10.6	1	0.0	4,648	10.6	1	0.0	4,648	10.6			
8.07 SAKRAN	30,764	23,382	76.0	3,797	16.2	2,806	9.1	768	2.5	410	1.3	307	1.0	28	0.1	261	0.8	0	0.0	2,802	9.1	0	0.0	2,802	9.1	0	0.0	2,802	9.1	0	0.0	2,802	9.1			
8.08 LAHARPUR	22,546	16,670	73.9	6,979	41.9	1,881	8.3	885	3.9	1,136	4.1	408	1.5	317	1.1	171	0.8	1	0.0	2,459	10.9	1	0.0	2,459	10.9	1	0.0	2,459	10.9	1	0.0	2,459	10.9			
8.09 PARSENDI	27,907	21,436	76.8	11,947	55.7	1,491	6.3	709	3.0	584	2.5	335	1.4	29	0.1	458	1.9	139	0.6	1,834	7.8	139	0.6	1,834	7.8	139	0.6	1,834	7.8	139	0.6	1,834	7.8			
8.10 KHARABAD	23,526	20,492	67.3	10,707	52.2	3,186	10.5	1,232	4.0	648	2.1	650	2.1	34	0.1	674	2.2	1,142	3.8	2,372	7.8	1,142	3.8	2,372	7.8	1,142	3.8	2,372	7.8	1,142	3.8	2,372	7.8			
8.11 MISRUH	30,430	20,492	67.3	10,707	52.2	3,186	10.5	1,232	4.0	648	2.1	650	2.1	34	0.1	674	2.2	1,142	3.8	2,372	7.8	1,142	3.8	2,372	7.8	1,142	3.8	2,372	7.8	1,142	3.8	2,372	7.8			
8.12 RAMPUR MATH	35,116	22,862	65.1	6,291	27.5	2,246	6.4	1,963	5.6	551	1.6	76	0.2	35	0.1	821	2.3	13	0.0																	

Table E.1 Present Land Use by Block in Sharda Command Area (3/3)

Name of District	(A) Geographical Area		(B) Lands of Net Area Sown		(C) Irrigated Area		(D) Current Fallow		(E) Other Fallow		(F) Culturable Waste		(G) Tree-Random		(H) Pasture		(I) Usar & Unculturable		(J) Forest		(K) Other Lands		
	No.	Name of Block	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	ha	%	
		LUCKNOW	215,840	131,172	60.8	131,092	99.9	21,966	10.2	11,288	5.2	9,128	4.2	4,899	2.3	3,313	1.5	10,181	4.7	6,468	3.0	17,425	8.1
*	9.01	BAKSHIKA	37,782	27,202	72.0	27,202	100.0	768	2.0	1,414	3.7	1,087	2.9	1,003	2.7	414	1.1	1,050	2.8	1,356	3.6	3,488	9.2
*	9.02	MALHABAD	25,382	17,625	69.4	17,625	100.0	2,137	8.4	1,324	5.2	1,255	4.9	189	0.7	329	1.3	379	1.5	219	0.9	1,925	7.5
*	9.03	KAKORI	21,092	14,753	69.9	14,753	100.0	1,298	6.2	1,076	5.1	804	3.8	265	1.3	270	1.3	574	2.7	401	1.9	1,651	7.8
*	9.04	MALHABAD	22,594	14,460	64.0	14,460	99.4	1,007	4.5	1,710	7.6	819	3.6	261	1.2	235	1.0	1,431	6.3	447	2.0	2,224	9.8
*	9.05	SAROJINI NAG	38,435	18,382	47.8	18,382	100.0	7,080	18.4	3,542	9.2	1,301	3.4	706	1.8	146	0.4	3,586	9.3	717	1.9	2,975	7.7
*	9.06	MOHANLALGA	35,903	21,187	59.0	21,187	100.0	1,010	2.8	1,231	3.4	2,417	6.7	1,533	4.3	1,302	3.6	1,692	4.7	2,921	8.1	2,610	7.3
*	9.07	GOSAIGANJ	34,652	17,563	50.7	17,563	100.0	8,666	25.0	991	2.9	1,445	4.2	942	2.7	617	1.8	1,469	4.2	407	1.2	2,552	7.4
		UNNAO	458,519	287,014	62.6	203,917	71.0	40,121	8.8	27,040	5.9	18,006	3.9	7,910	1.7	3,531	0.8	20,641	4.5	15,585	3.4	38,671	8.4
*	10.01	AURAS	25,701	14,572	56.7	12,741	87.4	1,876	7.3	1,462	5.7	939	3.7	430	1.7	274	1.1	1,768	6.9	2,451	9.5	1,909	7.4
*	10.02	GANMURADAI	23,428	16,091	68.7	10,940	68.0	2,164	9.2	826	3.5	261	1.1	261	1.1	267	1.1	787	3.4	661	2.8	1,541	6.6
*	10.03	BANGARMAU	27,990	18,517	66.2	10,458	56.5	1,802	6.4	2,085	7.4	688	2.5	403	1.4	28	0.1	1,511	5.4	721	2.6	2,235	8.0
*	10.04	PATEHAPUR	27,996	19,545	69.8	10,791	55.2	3,227	11.5	1,408	5.0	388	1.4	173	0.6	74	0.3	830	3.0	252	0.9	2,099	7.5
*	10.05	HASANGANJ	32,177	20,916	65.0	17,053	81.7	2,088	6.5	1,702	5.3	117	0.4	852	2.6	279	0.9	640	2.0	2,917	9.1	2,666	8.3
*	10.06	MAYAGANJ	27,331	17,778	65.0	13,990	78.7	1,685	6.2	1,383	5.1	1,279	4.7	462	1.7	306	1.1	900	3.3	1,068	3.9	2,470	9.0
*	10.07	SAFIPUR	25,683	15,084	58.7	12,285	81.4	3,184	12.4	1,085	4.2	1,306	5.1	196	0.8	148	0.6	2,340	9.1	205	0.8	2,139	8.3
*	10.08	NAWABGANJ	27,803	18,054	64.9	12,702	70.4	2,460	8.8	1,647	5.9	647	2.3	295	1.1	373	1.3	738	2.7	1,091	3.9	2,498	9.0
*	10.09	BICHIYA	33,483	18,709	55.9	18,125	96.9	3,488	10.4	2,647	7.9	1,533	4.6	223	0.7	689	2.1	1,739	5.2	1,985	5.9	2,470	7.4
*	10.10	SIKANDARPUR	33,242	21,120	63.5	10,644	50.4	2,992	9.0	1,405	4.2	962	2.9	155	0.5	183	0.6	1,158	3.5	1,220	3.7	4,047	12.2
*	10.11	SIKANDARPURI	34,889	21,212	60.8	12,651	59.6	3,030	8.7	2,917	8.4	1,262	3.6	605	1.7	153	0.4	1,490	4.3	1,669	4.8	2,551	7.3
*	10.12	ASOHA	28,893	17,880	61.9	12,562	70.3	2,916	10.1	1,695	5.9	1,460	5.1	706	2.4	284	1.0	1,292	4.5	281	1.0	2,379	8.2
*	10.13	PURWA	23,527	14,190	60.3	13,918	98.1	1,745	7.4	1,156	4.9	1,290	5.5	687	2.9	95	0.4	1,282	5.4	1,032	4.4	2,050	8.7
*	10.14	HILAILI	33,881	19,892	58.7	11,105	55.8	2,783	8.2	3,153	9.3	2,043	6.0	825	2.4	240	0.7	2,376	7.0	0	0.0	2,569	7.6
*	10.15	BIGHAPUR	25,556	16,463	64.4	11,463	69.6	2,443	9.6	1,408	5.1	1,779	7.0	900	3.5	33	0.1	663	2.6	0	0.0	1,967	7.7
*	10.16	SUMERPUR	26,939	16,991	63.1	12,459	73.3	2,238	8.3	1,163	4.3	1,463	5.4	737	2.7	107	0.4	1,127	4.2	32	0.1	3,081	11.4
		RAEBARELI	149,762	92,040	61.5	91,151	99.0	12,033	8.0	8,288	5.5	8,624	5.8	6,470	4.3	662	0.4	7,633	5.1	686	0.5	13,306	8.9
*	11.01	SATAON	25,550	18,067	70.7	18,067	100.0	1,582	6.2	819	3.2	949	3.7	1,186	4.6	240	0.9	408	1.6	144	0.6	2,155	8.4
*	11.02	KHEERO	23,204	14,917	64.3	14,917	100.0	2,057	8.9	1,624	7.0	1,087	4.7	346	1.5	127	0.5	869	3.7	207	0.9	1,970	8.5
*	11.03	LALGANJ	22,276	13,523	60.7	13,523	100.0	2,182	9.8	1,240	5.6	1,321	5.9	1,028	4.6	55	0.2	819	3.7	34	0.2	2,074	9.3
*	11.04	SARENI	25,511	13,592	53.3	13,577	99.9	4,384	17.2	958	3.8	1,008	4.0	1,503	5.9	66	0.3	1,827	7.2	19	0.1	2,154	8.4
*	11.05	DALMAU	26,476	17,592	66.4	16,718	95.0	158	0.6	1,873	7.1	1,769	6.7	1,188	4.5	120	0.5	1,834	6.9	16	0.1	1,926	7.3
*	11.06	JAGATPUR	26,745	14,349	53.7	14,349	100.0	1,670	6.2	1,774	6.6	2,490	9.3	1,219	4.5	54	0.2	1,896	7.1	266	1.0	3,027	11.3
		Sharda Command Area	3,419,706	2,392,317	70.0	1,724,323	72.1	250,355	7.3	114,383	3.3	93,891	2.7	50,729	1.5	16,403	0.5	93,598	2.7	105,324	3.1	302,706	8.9
		Hardoi Command Area	1,592,625	1,022,861	64.2	779,362	76.2	145,933	9.2	72,435	4.5	61,615	3.9	32,201	2.0	12,919	0.8	57,314	3.6	59,727	3.8	127,620	8.0

Note
*: Blocks in Hardoi Command Area
: Reporting Area According to the Cadastral Survey

Table E.2 Cropped Area and Irrigated Area of Kharif Crops by Block in the Sharda Canal Command (1/3)

Name of DISTRICT No. Name of BLOCK	Paddy		Sorghum		Miller		Maize		Green/Black Gram		Pigeon Pea		Groundnut		Sesamum		Others		Kharif Total			
	Total	IRRG.	Total	IRRG.	Total	IRRG.	Total	IRRG.	Total	IRRG.	Total	IRRG.	Total	IRRG.	Total	IRRG.	Total	IRRG.	Total	IRRG.	(%)	
NAINITAL																						
1 SITARGANJ	18,268	12,596			347	16	58	3	10	10	0	0	73	0	2	2	0	82	0	18,840	12,615	67.0%
2 KHATIMA	22,172	12,349			472	61	29	12	12	12	0	0	73	0	2	2	0	14	0	22,699	12,422	54.7%
Total	40,440	24,945			819	77	87	15	22	22	0	0	73	0	2	2	0	96	0	41,539	25,037	60.3%
PILIBHIT																						
1 PURANPUR	38,971	33,155	32	0	1,436	57	1,187	56	201	1	1	1	101	1	1,199	3	448	2	43,619	33,275	76.3%	
2 ANAURI	16,040	13,627	133	1	16	9	1,052	61	252	6	5	5	1	1	2	0	11	0	17,516	13,706	78.2%	
3 AMARIA	22,005	20,443	91	0	14	6	64	25	216	27	27	2	1	1	2	0	5	1	22,481	20,583	91.6%	
4 LALRURI KHERRA	10,513	9,941	160	0	2	0	25	8	178	3	3	3	13	0	7	0	28	0	10,885	9,952	91.4%	
5 BARKHERA	11,515	9,979	195	1	2	0	266	27	413	1	1	1	13	0	7	0	28	0	12,259	10,008	81.6%	
6 BILSANDA	11,581	11,083	101	1	18	5	428	94	315	2	2	2	4	0	36	2	2	0	12,487	11,157	89.3%	
7 BISARPUR	7,647	7,320	276	1	13	1	421	34	445	0	0	0	4	0	1	0	3	0	8,846	7,356	83.2%	
Total	118,072	105,518	988	4	1,501	78	3,443	305	2,020	40	40	2	119	2	1,250	5	502	3	128,093	106,037	82.8%	
BAREILLY																						
1 NAWABGANJ	18,613	15,540	186	11	16	2	19	8	147	4	4	4	10	0	2	0	0	0	19,003	15,566	81.9%	
2 RICHCHHA	13,290	10,669	91	0	17	5	4	4	104	9	9	2	1	0	2	0	2	2	13,517	10,687	79.1%	
3 SHERGARH	10,405	6,861	1,527	6	1,417	5	6	0	460	0	0	0	0	0	1	0	0	0	13,881	6,868	49.5%	
4 FATEHGANGI	6,710	4,116	1,736	2	975	6	29	0	448	1	1	1	166	0	1	0	0	0	10,410	4,131	39.7%	
5 BHOJPURA	8,806	7,025	816	0	264	0	37	2	153	0	0	0	950	8	12	0	0	0	11,528	7,035	61.0%	
6 KIARA	3,072	1,488	1,551	1	1,337	11	257	12	407	0	0	0	381	0	4	0	0	0	7,099	1,514	21.3%	
7 BITHARI	8,728	6,224	429	0	156	1	133	1	117	1	1	1	1,111	0	5	0	2	2	11,279	6,229	55.2%	
8 FARIDPUR	4,559	2,651	806	2	2,291	1	343	4	343	2	2	2	2,492	3	187	2	2	2	11,224	2,668	23.8%	
9 BHADPURA	12,090	7,425	244	2	7	0	114	4	261	0	0	0	12	0	0	0	0	0	12,744	7,429	58.3%	
10 BHUTTA	10,859	8,279	358	2	72	0	569	12	271	3	3	6	1,621	6	94	0	0	0	14,609	8,306	56.9%	
Total	97,132	70,278	7,744	26	3,382	29	1,344	31	2,711	19	19	3	6,754	19	306	3	6	6	125,294	70,433	56.2%	
SHAHJAHANPUR																						
1 KHUTAR	15,920	12,977	114	0	185	39	854	35	240	5	5	5	14	0	839	2	0	0	18,220	13,058	71.7%	
2 BANDA	23,670	20,706	104	0	83	36	1,310	55	364	2	2	2	133	0	1,512	26	0	0	27,100	20,825	76.8%	
3 PAWAYAN	12,019	11,543	372	1	68	39	956	32	326	4	4	4	11	0	829	6	0	0	14,639	11,629	79.4%	
4 SINDHAUL	11,471	9,461	570	1	109	0	34	7	986	49	357	3	0	0	68	0	0	0	13,595	9,521	70.0%	
5 NIGOH	10,416	8,328	594	8	30	0	307	10	307	0	0	0	0	0	8	0	0	0	11,992	8,347	69.6%	
6 KATARA	9,239	7,781	609	1	25	1	411	9	328	0	0	0	0	0	33	0	0	0	10,913	7,792	71.4%	
7 BHAWALKHER	9,017	7,152	859	8	33	2	911	54	481	1	1	1	0	0	7	0	6	6	11,451	7,263	63.4%	
8 DADRUL	12,985	7,577	662	5	216	6	698	19	372	2	2	2	9	0	9	0	0	0	15,241	7,410	48.6%	
9 KANT	7,601	4,644	337	1	164	8	804	20	787	3	3	3	0	0	32	0	5	5	12,373	4,689	37.9%	
10 TILHAR	8,540	5,544	294	1	39	4	441	15	398	3	3	3	0	0	9	0	0	0	10,490	5,574	53.1%	
11 JAITHPUR	5,275	3,294	559	1	204	0	478	7	583	2	2	2	24	0	24	0	0	0	10,190	3,310	32.5%	
12 JALALABAD	5,652	3,652	955	21	1,625	130	776	52	724	2	2	2	0	0	60	0	0	0	12,242	3,859	31.5%	
Total	131,805	102,459	6,629	48	2,790	311	9,212	357	5,267	27	27	3	3,290	11	3,430	36	11	11	168,446	103,277	61.3%	
KHERI																						
1 BIDUA	15,360	6,291	152	0	302	15	368	9	332	0	0	0	14	0	273	0	4	4	16,814	6,315	37.6%	
2 PHULBEHAR	12,936	7,581	129	0	1,191	72	147	39	283	0	0	0	133	0	239	0	9	9	15,093	7,692	51.0%	
3 BANKAGANJ	11,128	7,600	43	3	84	33	218	20	237	8	8	8	11	0	125	0	2	2	11,864	7,664	64.6%	
4 LAKHPUR	10,884	5,586	389	0	199	6	369	16	1,116	0	0	0	103	0	81	0	0	0	13,149	5,608	42.6%	
5 BEHAM	8,392	3,367	395	0	86	16	300	21	613	0	0	0	3	0	33	0	30	30	9,825	3,404	34.6%	
6 MUHAMDI	10,249	9,775	506	2	176	26	1,991	35	678	8	8	8	17	0	952	20	30	30	14,699	9,889	67.3%	
7 KUMBHA	6,608	6,152	219	0	940	41	578	12	406	0	0	0	839	6	575	2	28	1	10,195	6,214	61.0%	
8 MITAULI	9,745	6,613	825	6	76	8	705	20	823	0	0	0	443	0	156	0	5	5	12,844	6,646	51.7%	
9 PARAGAWAN	7,923	7,113	1,039	6	135	4	1,666	47	900	7	7	7	1,727	5	247	0	9	9	14,080	7,187	51.0%	
Total	93,225	60,078	3,697	11	3,189	221	6,342	239	5,388	25	25	3	3,290	11	2,481	22	94	14	118,563	60,619	51.1%	

Table E.2 Cropped Area and Irrigated Area of Kharif Crops by Block in the Sharda Canal Command (2/3)

No.	Name of District	Paddy		Sorghum		Millet		Maize		Green/Black Gram		Pigeon Pea		Groundnut		Sesamum		Others		Kharif Total		
		Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total
HARDOI																						
1	PHANI	4,366	3,091	1,823	4	215	608	11	1,757	102	1,185	22	18	0	73	6	18	14	10,063	3,252	32.3%	
2	TODARPUR	5,703	5,252	957	12	99	338	8	1,371	167	572	10	8	2	6	1	1	0	9,055	5,460	60.3%	
3	SHARABAD	2,490	2,044	1,470	125	115	0	1,224	83	1,334	158	835	20	51	0	9	0	3	7,533	2,434	32.3%	
4	BHARAKHANI	1,109	754	1,073	2	1,911	0	1,377	22	1,348	24	1,295	20	1,236	50	72	0	1	9,424	8,733	9.3%	
5	HARIYAWAN	2,689	2,414	1,516	4	212	0	785	5	1,242	125	976	8	231	0	34	0	73	7,758	2,624	33.8%	
6	TADIYAWAN	2,391	1,942	1,663	2	505	1	1,083	32	1,330	44	847	5	626	3	102	4	9	7,756	2,038	26.3%	
7	BAWAN	2,833	2,163	1,435	106	518	0	1,378	174	1,182	81	896	14	233	21	7	0	2	8,484	2,559	30.2%	
8	SANDI	1,254	328	1,747	4	324	0	5,664	24	348	31	996	18	453	3	1	0	0	10,768	408	3.8%	
9	HARPARPUR	924	383	1,828	0	191	0	5,919	112	329	36	1,141	5	270	0	19	0	3	10,624	537	5.1%	
10	AHRAURI	2,355	1,768	1,923	38	344	2	1,439	72	992	38	873	30	826	12	33	1	17	8,802	2,014	22.9%	
11	SURSA	2,176	1,380	1,564	65	128	0	3,324	90	839	129	969	10	211	59	3	0	0	9,215	1,733	18.8%	
12	BILGRAM	3,645	2,45	1,134	0	330	0	5,603	538	322	55	915	16	1,510	419	4	0	68	13,531	1,335	9.9%	
13	KOTHAWAN	1,716	950	1,327	6	863	4	1,961	79	754	38	1,021	14	666	1	5	0	2	8,315	1,092	13.1%	
14	KACHHONA	938	270	595	19	156	0	1,630	94	265	33	192	10	136	4	34	1	0	2,948	431	10.9%	
15	MADHOGANJ	1,223	515	1,033	73	174	0	4,515	476	256	21	936	13	1,674	147	3	0	1	9,815	1,245	12.7%	
16	BHARAWAN	3,532	1,256	1,694	6	731	0	1,353	32	951	15	1,064	16	533	0	14	0	0	9,872	1,325	13.4%	
17	SANDILA	3,060	1,036	1,198	6	124	0	2,461	198	349	46	692	18	18	2	0	0	0	7,902	1,306	16.5%	
18	BEHDAR	1,383	745	819	16	306	6	3,580	137	210	6	694	14	275	9	32	2	2	7,300	935	12.8%	
19	MALAWAN	1,015	523	615	37	177	0	3,825	635	291	67	969	14	1,012	118	2	4	2	7,910	1,396	17.6%	
	Total	44,802	27,059	25,414	521	7,423	48,067	2,822	14,670	1,266	17,068	277	9,967	852	453	17	211	156	168,075	32,997	19.6%	
BARABANKI																						
1	NINDURA	11,781	3,529	658	0	27	418	86	905	454	374	0	0	9	9	1	0	0	14,172	4,070	28.7%	
SITAPUR																						
1	BEHTA	6,271	178	169	0	4	5,730	1	220	25	1,199	0	21	0	6	0	74	30	13,694	234	1.7%	
2	HARGAON	8,100	1,643	510	0	107	0	1,109	1	778	40	555	0	150	0	67	10	20	10,396	1,694	16.3%	
3	ALLA	6,100	590	1,230	0	50	75	2	478	27	1,400	0	18	0	25	0	17	0	9,393	619	6.6%	
4	MAHOLI	5,111	1,791	1,210	3	35	32	0	750	26	1,241	5	145	0	5	0	5	0	8,534	1,851	21.7%	
5	PISAWAN	2,103	981	1,320	0	594	0	1,800	4	840	38	1,440	0	5,156	48	45	6	2	11,684	1,078	9.2%	
6	REOSA	11,245	135	46	0	24	0	9,180	2	320	40	170	0	40	0	1	0	91	21,117	179	0.8%	
7	SAKRAN	8,220	171	203	0	32	0	3,980	2	552	26	295	0	375	0	3	0	66	13,726	236	1.7%	
8	LAHARPUR	7,620	1,845	160	0	90	0	220	1	868	56	395	0	740	0	9	0	20	10,122	1,904	18.8%	
9	PARSENDI	10,000	2,140	921	0	32	0	70	1	700	135	860	0	40	0	9	0	5	12,637	2,276	18.0%	
10	KHARABAD	4,420	1,103	1,302	0	87	0	140	2	754	74	1,355	0	200	0	42	0	8	8,300	1,179	14.2%	
11	MISRIKH	2,400	1,225	1,400	0	202	0	530	1	1,205	30	1,423	0	1,802	20	44	0	49	9,055	1,296	14.3%	
12	KAMPUR MATHURA	9,013	780	175	0	12	2,597	2	462	130	350	0	360	0	6	0	18	2	12,593	914	7.0%	
13	MAHMUDABAD	7,320	1,136	186	0	22	0	495	4	553	249	460	0	740	0	3	0	11	9,790	1,391	14.2%	
14	BISAWAN	9,200	1,401	395	0	125	0	460	3	1,210	44	642	0	290	0	39	2	35	12,396	1,480	11.9%	
15	MACHHAREHTA	3,205	690	940	0	231	0	399	1	944	30	1,160	5	170	0	28	0	11	7,088	728	10.3%	
16	PAHLA	7,905	1,200	330	0	155	0	340	2	645	163	1,670	0	48	0	0	0	134	11,427	1,475	12.9%	
17	KASMANDA	6,300	1,180	1,022	0	347	0	74	0	1,004	262	1,261	0	15	0	71	0	2	10,105	1,444	14.3%	
18	GONDALMAU	2,168	1,451	1,491	0	920	0	371	1	1,166	61	791	0	1,498	20	44	0	28	8,477	1,533	18.1%	
19	SIDHAULI	6,011	2,402	840	0	500	0	198	0	1,034	435	1,019	9	52	0	28	0	125	9,807	2,956	30.1%	
	Total	122,712	22,402	13,850	3	3,569	25,180	30	14,683	1,891	17,686	19	11,860	88	475	17	724	351	210,749	24,467	11.6%	

Table E.2 Cropped Area and Irrigated Area of Kharif Crops by Block in the Sharda Canal Command (3/3)

Name of District No. Name of Block	Paddy		Sorghum		Millet		Maize		Green/Black Gram		Pigeon Pea		Groundnut		Sesamum		Others		Kharif Total		
	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	(%)
LUCKNOW																					
1 BAKSHIKA TALAB	7,901	6,193	1,211	0	596	0	647	88	1,596	855	1,124	3	32	0	21	4	2	2	13,130	7,150	54.5%
2 MAL	4,198	2,834	947	0	732	0	822	32	788	176	936	0	236	0	23	0	0	0	8,682	3,042	35.0%
3 MALHABAD	2,587	2,133	889	0	1,28	0	1,087	108	414	110	663	0	22	0	12	3	0	0	5,802	2,354	40.6%
4 KAKORI	2,802	1,955	933	1	354	0	777	59	328	45	685	0	23	0	8	2	2	0	5,912	2,063	34.9%
5 SAKORNI NAGAR	5,635	3,205	1,832	2	78	0	720	86	848	53	1,606	0	12	0	78	18	3	0	10,812	3,364	31.1%
6 MOHANLALGANI	4,159	2,730	873	2	234	0	42	9	482	172	821	0	43	0	40	0	1	0	6,695	3,913	58.4%
7 GOSAIGANI	3,770	5,200	700	0	258	0	62	3	518	175	557	0	54	0	50	0	0	0	7,969	5,380	67.5%
Total	33,052	25,250	7,385	9	2,380	2	4,157	385	4,974	1,586	6,392	3	422	2	252	27	8	2	59,002	27,266	46.2%
UNNAO																					
1 AURAS	6,461	4,939	930	0	321	0	2,647	142	179	10	285	0	26	0	23	0	0	0	10,872	5,091	46.8%
2 GANMURADABAD	3,258	1,915	559	0	104	0	4,701	26	197	23	403	0	504	0	6	0	0	0	9,732	1,964	20.2%
3 BANGARMAU	3,287	2,276	451	0	336	0	4,314	31	216	33	281	0	1,544	2	10	0	1	1	10,440	2,343	22.4%
4 PATEHAPUR	4,488	3,514	475	0	225	0	3,648	57	206	54	414	0	1,759	3	8	1	0	0	11,223	3,629	32.3%
5 HASANGANJI	6,814	5,968	322	3	99	0	2,298	93	850	82	704	0	11	0	11	0	0	0	11,609	6,146	52.9%
6 MAYAGANJI	5,393	3,943	438	1	131	0	3,686	25	489	83	698	0	32	0	15	0	1	1	10,883	4,053	37.2%
7 SAHPUR	4,539	3,782	619	0	100	0	4,328	186	341	125	414	0	473	0	6	0	0	0	10,818	4,093	37.8%
8 NAWABGANI	5,590	4,400	1,036	2	56	0	2,096	6	746	10	727	1	24	0	24	0	0	0	10,299	4,419	42.9%
9 BICHHTIA	12,799	11,997	800	0	722	0	1,470	11	346	18	588	1	2	0	1	0	0	0	16,006	12,027	75.1%
10 SIKANDARPUR SIROUSI	3,885	2,043	1,196	0	48	0	3,502	5	379	10	888	0	696	1	113	0	0	0	11,379	2,059	18.1%
11 SIKANDARPUR KHAN	4,871	2,923	1,874	0	148	0	2,691	2	517	17	1,167	0	10	0	36	0	0	0	11,534	2,942	26.0%
12 ASOHA	6,419	5,014	1,484	1	111	0	496	4	797	17	1,380	1	43	0	95	0	0	0	10,827	5,037	46.5%
13 PURWA	8,744	7,818	750	1	10	0	455	2	792	32	718	1	11	0	15	0	6	6	11,501	7,860	68.3%
14 HILALI	6,342	3,182	1,918	2	264	0	346	0	496	17	1,687	2	296	0	80	1	0	0	11,429	3,204	28.0%
15 BIGHAPUR	6,532	5,371	1,153	0	166	0	446	0	647	14	986	0	10	0	42	0	0	0	9,982	5,385	53.9%
16 SUMERPUR	6,707	5,634	1,318	0	48	0	113	0	875	37	1,134	0	9	0	98	1	0	0	10,302	5,674	55.1%
Total	96,129	74,719	15,823	10	2,841	0	37,233	590	8,073	582	12,472	6	5,452	8	583	3	8	8	178,616	75,926	42.5%
RAEBARELI																					
1 SATAON	2,450	1,809	1,740	14	226	0	0	0	933	281	1,564	9	844	6	95	8	8	0	7,860	2,127	27.1%
2 KHEERO	3,065	2,990	1,113	0	72	0	3	0	457	34	950	0	102	0	62	0	0	0	5,824	3,024	51.9%
3 LALGANJ	1,896	1,409	1,232	0	228	0	48	0	552	26	1,062	0	24	0	24	0	15	0	5,069	1,435	28.3%
4 SARENI	2,607	1,907	1,805	0	256	0	10	9	583	32	1,778	0	20	0	91	3	27	1	7,177	1,952	27.2%
5 DALMAU	5,380	4,411	1,053	5	87	0	2	2	575	270	817	5	66	2	20	2	0	0	8,000	4,697	58.7%
6 JAGATPUR	7,036	5,732	1,005	0	154	0	7	6	1,158	510	798	0	21	0	40	0	2	0	10,221	6,249	61.1%
Total	22,434	18,258	7,948	19	1,023	0	70	17	4,258	1,153	6,969	14	1,065	9	332	13	52	1	44,151	19,484	44.1%
Grand Total	811,584	534,135	89,536	651	34,135	187	126,808	4,646	67,991	7,879	76,369	428	39,002	991	9,553	144	1,722	552	1,256,700	549,613	43.7%

Source: Statistical Diary 1988-89, The Government of Uttar Pradesh State.

Table E.3 Cropped Area and Irrigated Area of Rabi Crops and Sugarcane by Block in Sharda Canal Command (1/3)

Name of DISTRICT	No. Name of BLOCK	Wheat		Barley		Lentil		Gram		Pea		Pinto		Rape Seed & Mustard		Lisard		Rabi Total		Sugarcane		
		Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	
NAINITAL	1 SITARGANJ	14,727	13,409	100	100	2	2	1	92	0	25	25	21	11	475	20	49	16,371	13,468	4,606	2,251	
	2 KHATIMA	18,322	16,109	109	17	1,532	19	5	571	30	156	114	71	23	1,008	83	109	21,878	16,382	7,712	1,763	
	Total	33,049	29,518	209	117	2,414	6	665	1,142	60	181	139	92	34	1,483	103	158	38,249	29,850	12,318	4,014	
	PILBHITI	1 PURANPUR	45,711	42,278	62	22	1,881	172	150	8	50	25	131	129	3,673	2,357	14	0	51,672	44,991	14,108	9,456
		2 ARARA	14,157	13,890	25	9	27	25	92	6	65	42	144	142	490	407	38	6	15,078	14,527	4,633	4,238
		3 AMARIA	19,537	19,229	30	22	917	29	89	7	72	36	113	113	403	281	22	7	21,203	19,704	3,803	3,963
		4 LALRURI KHERA	9,684	9,513	20	3	648	21	87	2	28	7	112	99	216	161	26	1	10,821	9,812	4,354	3,496
		5 BARKHERA	9,956	9,514	71	19	972	19	244	6	24	11	128	116	395	268	69	2	11,791	9,955	6,366	4,955
		6 BILSANDA	15,684	15,522	95	22	1,202	85	504	60	49	17	133	133	521	446	69	2	18,257	16,287	4,180	3,939
		7 BISARPUR	9,245	8,882	103	14	1,031	26	341	21	67	18	389	387	200	200	83	1	11,557	9,549	5,009	4,207
Total		124,034	118,833	406	111	6,678	377	1,507	110	355	156	1,150	1,119	5,976	4,120	253	19	140,359	124,845	47,453	37,452	
BAREILLY		1 NAWABGANJ	14,936	13,994	54	4	1,620	22	274	5	112	0	188	188	341	245	536	25	18,061	14,483	5,754	5,249
		2 RICHCHHA	9,512	9,089	16	3	1,202	40	151	9	39	7	88	87	490	346	292	17	11,790	9,598	7,011	5,954
	3 SHERGARH	3,723	3,527	22	4	1,739	13	510	13	240	31	130	130	162	83	128	1	11,655	8,795	4,590	3,618	
	4 FAIRHAGANJ	7,490	6,741	125	59	804	14	694	13	147	50	200	200	125	106	53	0	9,638	7,179	1,122	897	
	5 BHOJPURA	9,174	8,526	84	21	675	14	453	7	69	12	86	86	111	62	132	8	10,784	8,736	2,435	2,327	
	6 KYARA	6,227	5,451	70	8	1,248	9	380	11	28	4	268	264	73	48	18	0	8,312	5,795	779	520	
	7 BITHARI	11,059	10,450	187	36	611	37	534	61	70	19	614	614	152	134	13	1	13,240	11,322	2,824	2,680	
	8 FARIDPUR	12,857	12,158	176	33	1,019	37	807	104	739	459	680	679	268	214	10	0	16,536	13,684	2,904	2,420	
	9 BHADPURA	9,727	8,698	60	13	1,048	106	394	27	87	28	52	50	331	183	257	5	11,956	9,110	3,803	3,431	
	10 BHUTTA	14,826	14,135	233	42	1,079	132	628	31	386	170	213	209	165	86	86	6	17,660	14,890	3,654	3,412	
Total	104,561	97,769	1,027	223	11,045	390	4,825	274	1,917	780	2,520	2,507	1,586	1,586	63	63	129,682	103,592	34,881	30,508		
SHAHABANPUR	1 KHUTAR	20,129	19,999	41	16	815	64	316	21	98	49	55	54	1,001	965	3	1	22,458	21,169	3,297	3,145	
	2 BANDA	28,779	28,611	95	65	790	80	424	84	77	45	96	96	1,191	1,155	13	0	31,465	30,136	2,563	2,514	
	3 PAWAYAN	16,781	16,667	132	39	544	7	532	26	96	56	130	129	669	647	6	0	18,890	17,571	2,065	2,081	
	4 SINDHAUL	13,981	13,751	222	59	0	8	882	11	126	49	101	99	486	373	43	0	15,841	14,350	1,974	1,818	
	5 NIGOH	11,747	11,466	237	87	766	0	766	16	153	74	130	129	228	189	167	3	14,269	11,981	2,386	2,388	
	6 KATARA	9,453	9,300	212	51	1,189	30	773	16	144	86	174	174	263	183	33	2	12,241	9,842	2,401	2,599	
	7 BHAWALKHER	12,170	11,894	294	68	673	8	953	15	151	66	362	359	581	462	99	0	15,483	13,072	4,680	4,395	
	8 DADRUAL	13,221	12,669	280	72	825	6	962	38	244	165	257	254	346	215	437	6	16,572	13,425	2,568	2,347	
	9 KANT	11,783	11,493	499	231	286	13	1,493	170	920	282	360	360	278	154	51	1	15,984	13,198	3,433	3,045	
	10 TILHAR	9,045	8,712	192	69	818	7	780	73	509	441	340	339	329	329	4	0	17,978	13,853	3,985	3,884	
11 JAITPUR	13,158	12,547	253	114	1,132	15	2,041	145	579	441	263	262	548	329	4	1	17,978	13,853	1,595	1,457		
12 JALALABAD	14,733	13,179	504	172	1,607	29	2,199	181	294	148	812	812	876	351	4	4	21,030	14,873	800	625		
Total	174,980	170,238	2,961	1,043	9,445	284	12,296	796	3,391	2,225	3,174	3,158	6,772	5,301	860	14	213,879	183,109	32,093	30,148		
KHERI	1 BUVA	16,018	14,284	222	45	1,546	55	394	11	58	23	49	47	1,403	610	12	0	19,702	15,075	12,105	6,127	
	2 PHULBEHAR	14,987	12,694	199	84	985	40	209	11	51	25	170	154	1,024	459	25	0	17,650	13,457	9,483	2,862	
	3 BANAGANJ	11,179	10,200	74	20	1,047	10	232	10	43	14	47	46	989	734	4	4	13,615	11,035	8,855	3,169	
	4 LAKHPUR	11,533	10,891	146	20	1,183	30	439	19	181	39	146	146	1,135	615	18	1	14,801	11,761	10,198	6,510	
	5 BEHAM	8,328	8,090	201	47	910	13	440	16	58	18	68	70	603	433	23	0	11,131	8,687	3,108	5,208	
	6 MURAMDI	18,228	15,945	354	130	798	77	1,281	88	135	87	328	328	808	871	2	0	22,067	17,469	16,853	6,677	
	7 KUMBHA	11,714	10,796	280	150	967	152	320	50	40	23	76	76	1,443	851	13	0	14,922	12,691	7,154	7,063	
	8 MITAULI	13,406	12,853	399	57	840	13	917	29	65	25	73	75	566	486	34	0	16,300	13,538	6,765	5,579	
	9 PARAGAWAN	15,672	13,885	871	117	777	17	1,340	23	110	33	145	140	699	492	30	3	19,648	14,708	6,786	6,406	
	Total	121,655	109,638	2,752	670	9,053	407	5,572	248	741	287	1,096	1,088	8,806	6,080	161	3	149,836	118,421	77,287	54,399	

Table E.3 Cropped Area and Irrigated Area of Rabi Crops and Sugarcane by Block in Sharda Canal Command (2/3)

Name of District No. Name of Block	Wheat		Barley		Lentil		Gram		Pea		Maize Seed & Mustard		Lisard		Rabi Total		Sugarcane		
	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	Total	Irrig.	
HARDOI																			
1 PHANT	11,948	11,593	920	310	562	13	1,023	74	171	31	375	286	172	13	15,298	12,570	4,050	3,495	
2 TODARPUR	12,742	12,816	382	278	185	11	1,036	114	173	31	328	293	246	66	15,425	13,629	3,295	2,875	
3 SHAHABAD	13,991	13,879	537	386	235	14	1,596	292	104	41	1,177	836	604	34	15,425	13,629	3,295	2,875	
4 BARKAGANJ	16,660	16,587	1,118	587	1,118	10	2,371	587	120	35	738	1,707	845	-	22,930	19,192	2,204	2,204	
5 HAKIYAN	10,998	10,988	1,663	531	79	10	1,091	74	178	36	305	305	138	-	11,961	10,996	1,400	1,400	
6 BARKAWAN	12,954	12,950	956	258	156	3	1,402	217	197	32	498	497	146	4	13,776	12,050	1,987	1,987	
7 BARKAWAN	12,954	12,950	956	258	156	3	1,402	217	197	32	498	497	146	4	13,776	12,050	1,987	1,987	
8 SANDA	11,252	11,245	915	237	170	26	1,941	347	252	24	483	483	407	24	17,186	15,050	1,987	1,987	
9 NARAPUR	11,641	11,231	1,097	324	285	26	2,507	407	111	745	1,241	672	672	-	16,549	14,756	2,755	2,755	
10 AHRAPUR	13,652	13,310	876	424	31	4	1,771	219	124	44	352	352	463	-	17,311	14,816	1,558	1,558	
11 SURSA	15,466	15,313	772	556	42	4	1,749	223	91	21	586	381	400	12	16,838	14,111	1,446	1,446	
12 BULGRAM	11,862	11,493	1,227	222	62	5	2,675	171	172	21	549	706	294	2	17,235	15,113	1,574	1,574	
13 KOTHAWAN	10,683	10,074	1,065	101	43	0	1,342	87	119	15	264	264	154	7	13,787	10,697	1,574	1,574	
14 KACHHONA	9,673	9,428	427	148	136	1	1,064	58	123	24	153	192	121	4	11,772	9,253	758	758	
15 MADHOGANJ	11,858	11,437	773	225	30	0	1,794	215	48	10	501	501	282	3	15,722	13,973	1,558	1,558	
16 BARKAWAN	10,003	8,848	1,403	313	138	4	1,144	105	142	40	265	265	127	13	13,960	11,902	1,352	1,352	
17 SANDILA	10,783	10,259	491	186	54	2	1,024	85	126	42	202	202	150	40	13,121	11,367	1,188	1,188	
18 BEHDAK	11,229	10,705	257	186	24	0	1,465	115	42	11	253	227	29	0	13,230	11,367	463	463	
19 MALAWAN	8,507	8,252	507	150	16	0	1,521	214	42	11	579	579	625	6	11,800	9,571	463	463	
Total	222,675	215,027	15,379	5,146	2,724	159	30,397	3,713	2,449	561	8,339	10,799	6,025	263	293,025	239,004	23,420	18,709	
BARABANKI																			
1 NANDUKA	10,826	10,801	398	66	324	62	98	27	117	70	870	101	74	79	12,723	11,975	1,013	896	
SITAPUR																			
1 BERTA	8,801	1,190	570	21	930	22	69	0	60	30	45	193	25	110	11,778	1,327	8,115	18	
2 HANGAON	8,066	7,683	635	65	1,183	19	940	2	90	40	110	105	332	182	12,412	8,107	5,760	5,760	
3 ALHA	7,000	8,218	390	74	1,06	12	1,135	91	171	35	101	230	183	135	12,412	8,107	4,500	2,014	
4 MAHOLI	11,610	6,385	1,643	244	230	14	2,300	126	50	18	135	231	195	181	13,860	6,955	5,965	5,025	
5 PISAWAN	13,920	1,832	1,306	14	660	8	300	0	120	20	98	238	152	281	16,403	10,992	3,890	3,620	
6 SAKRAN	7,251	3,049	937	24	1,030	40	430	0	28	15	8	70	77	0	11,780	3,248	4,411	4,411	
7 LAHARPUR	11,350	9,025	404	35	795	20	1,400	85	155	80	50	170	160	0	14,776	9,481	1,902	595	
8 PARSENDI	8,520	6,017	641	30	361	16	1,400	101	230	150	125	87	143	0	11,355	6,502	2,701	1,750	
9 KHARABAD	8,711	3,366	938	282	140	20	1,621	35	95	70	156	142	222	81	14,776	9,481	1,405	1,015	
10 RAMPUR MATHURA	1,0913	6,971	400	19	602	30	566	1	114	38	191	188	260	260	13,384	7,407	2,191	1,405	
11 BARSUDABAD	1,305	1,443	303	33	901	35	397	1	101	101	314	313	53	0	13,384	7,407	2,191	1,405	
12 BISHWAN	8,500	8,988	545	61	905	34	1,045	116	230	122	175	160	63	112	15,214	9,479	2,191	1,405	
13 MACHHANBHITA	8,212	7,204	575	41	434	45	908	61	180	148	198	245	80	43	12,810	8,884	1,491	1,491	
14 KASMANDA	7,003	6,251	764	23	284	16	805	11	440	101	329	325	70	0	10,790	8,017	2,745	2,529	
15 GONDWANAU	8,000	7,431	1,440	36	130	15	1,900	4	170	83	611	590	102	0	10,392	7,186	1,350	1,023	
16 SIDHAULI	17,639	12,297	12,980	1,770	10,800	430	19,900	686	2,806	1,300	3,356	3,202	1,543	6	23,416	13,724	61,640	26,334	
LUCKNOW																			
1 BAKSHIKA TALAB	13,681	13,116	349	97	96	20	1,008	78	512	318	2,101	108	98	56	17,906	15,309	204	172	
2 WALHABAD	7,577	7,258	738	202	68	7	705	74	71	24	443	38	33	27	9,743	8,058	27	27	
3 KALKAJI	6,310	5,023	238	44	42	5	767	27	35	44	447	447	23	9	7,759	6,515	14	14	
4 KALKAJI	6,310	5,023	238	44	42	5	767	27	35	44	447	447	23	9	7,759	6,515	14	14	
5 SAKONI NAGAR	12,743	12,351	448	721	20	11	1,354	90	270	163	542	442	88	2	15,050	13,257	34	34	
6 MOHANALGANJI	12,743	12,351	448	166	13	1	1,308	118	270	112	645	442	273	2	15,741	13,609	80	80	
7 GOSAGANJ	5,987	5,813	181	56	5	1	913	86	526	104	415	415	113	1	11,843	10,618	204	204	
Total	69,425	67,165	2,826	894	288	49	6,583	303	1,852	1,042	5,231	748	595	136	87,372	73,787	687	619	

Table E.3 Cropped Area and Irrigated Area of Rabi Crops and Sugarcane by Block in Sharda Canal Command (3/3)

Name of District No. Name of Block	Wheat		Barley		Lentil		Gram		Pea		Peano		Kaps Seed & Maslard		Liscad		Rabi Total		Sugar Raw			
	Total	Irrg.	Total	Irrg.	Total	Irrg.	Total	Irrg.	Total	Irrg.	Total	Irrg.	Total	Irrg.	Total	Irrg.	Total	Irrg.	Total	Irrg.		
UNNAO																						
1 LAURAS	7,764	7,248	485	167	36	162	89	1,162	23	111	111	111	188	137	55	4	9,973	7,788	123	112	91.1%	
2 GANMURADABAD	9,147	8,920	556	146	24	116	140	1,833	6	303	303	303	503	205	6	0	12,468	9,721	371	351	94.6%	
3 BANGARMAU	9,140	8,717	687	160	34	64	150	1,497	11	315	315	315	486	272	45	5	12,268	9,633	223	167	71.7%	
4 PATERAPUR	10,795	10,092	903	169	29	64	226	1,990	22	226	226	226	456	155	120	6	14,583	10,832	256	215	84.0%	
5 HASANGANJII	10,759	10,108	643	275	40	167	157	1,307	27	426	426	426	278	118	167	14	13,787	11,128	150	135	90.0%	
6 MAYAGANJII	9,981	9,484	714	359	26	124	258	1,397	30	239	239	239	245	127	47	5	12,773	10,510	178	252	90.6%	
7 SAFPUR	9,461	9,108	873	282	10	52	170	1,451	17	280	280	280	291	99	74	31	12,492	9,988	323	294	91.0%	
8 NAWABGANJII	9,038	8,793	541	298	7	180	193	1,745	60	264	264	264	150	119	95	20	11,020	9,752	44	37	84.1%	
9 BICHRITVA	11,391	11,215	963	636	-	381	139	381	65	304	304	304	38	64	104	33	13,416	12,456	46	46	100.0%	
10 SIKANDARPUR SIROUSI	9,937	8,407	2,150	329	12	147	147	1,791	15	356	356	356	376	68	10	0	15,090	9,319	27	25	92.0%	
11 SIKANDARPURKHAN	11,010	10,080	2,889	746	8	251	212	1,568	22	348	348	348	224	85	3	0	16,501	11,495	100	92	92.0%	
12 ASOHA	9,165	9,052	719	291	3	92	92	979	50	131	131	131	116	71	111	14	11,498	9,686	71	70	98.6%	
13 PURWA	9,239	9,196	483	294	-	415	438	52	110	20	131	131	125	73	53	13	10,579	9,779	303	302	99.7%	
14 HILAUJI	7,916	7,365	1,091	386	16	170	170	1,274	106	79	78	78	93	65	5	0	10,889	8,171	124	124	100.0%	
15 BIGHAPUR	8,350	7,850	1,487	198	6	23	357	23	357	23	151	150	246	48	28	6	11,407	8,298	326	319	97.9%	
16 SUNERPUR	8,711	8,095	1,571	296	1	290	77	1,058	10	217	215	215	270	85	60	1	12,018	8,780	398	394	99.0%	
Total	151,804	143,710	16,535	5,032	252	3,265	2,230	19,693	507	3,885	3,876	3,876	4,145	1,791	983	152	200,562	157,334	3,173	2,935	92.5%	
RAJBARELI																						
1 SATAON	8,410	8,184	889	303	-	258	62	1,430	112	284	0	284	648	311	3	0	11,922	8,972	353	352	99.7%	
2 KHEERO	8,200	7,999	581	250	1	148	45	656	73	208	0	208	86	63	3	0	9,883	8,430	300	299	99.7%	
3 LALGANI	7,679	7,444	1,159	218	-	24	1,047	24	105	49	109	14	84	28	2	2	10,185	7,779	195	195	100.0%	
4 SAKENT	7,289	6,864	1,382	258	-	301	34	1,368	76	176	0	176	142	104	2	2	10,660	7,338	696	677	97.3%	
5 DALMAU	9,148	8,823	784	186	-	184	58	611	38	100	0	100	165	68	3	3	10,995	9,176	480	478	99.6%	
6 JAGATPUR	9,437	9,152	862	270	3	289	45	636	135	199	0	199	167	162	25	14	11,618	9,781	746	720	96.5%	
Total	50,163	48,466	5,657	1,485	4	1,285	268	5,748	483	1,076	14	1,076	1,292	736	38	21	65,263	51,476	2,770	2,721	98.2%	
Grand Total	1,239,272	1,139,512	61,020	16,459	53,007	8,887	18,359	7,550	31,089	29,729	47,874	27,954	6,906	331	1,565,111	1,292,625	291,715	208,915	71.6%			

Source: Statistical Diary 1988-89, The Government of Uttar Pradesh State.

Table E.4 Cultivated Area, Production and Unit Yield Per Ha By Crop in Kharif Season in Study Area, 1987-89

No.	Name of District	Sown Area (ha)	Paddy			Maize			Jawar			Bajra		
			Area	Pro.	t/ha	Area	Pro.	t/ha	Area	Pro.	t/ha	Area	Pro.	t/ha
1.	Nainital	41,329	40,440	117,276	2.9	816	979	1.2	-	-	-	3	3	1.0
2.	Pilibhit	123,883	118,072	342,409	2.9	1,501	1,501	1.0	988	1,186	1.2	198	218	1.1
3.	Bareilly	124,007	97,132	194,264	2.0	3,382	3,382	1.0	7,744	10,067	1.3	5,915	6,507	1.1
4.	Shahjahanpur	170,566	131,805	329,513	2.5	2,790	2,790	1.0	6,029	7,235	1.2	9,902	11,882	1.2
5.	Kheri	112,163	93,225	195,773	2.1	3,189	2,232	0.7	3,699	5,179	1.4	857	686	0.8
6.	Hardoi	184,923	44,802	76,163	1.7	48,067	62,487	1.3	25,414	38,121	1.5	7,423	5,938	0.8
7.	Sitapur	203,334	122,712	184,068	1.5	21,180	21,180	1.0	13,850	23,545	1.7	3,569	2,855	0.8
8.	Lucknow	56,876	33,052	52,883	1.6	4,157	2,910	0.7	7,385	11,078	1.5	2,380	1,904	0.8
9.	Unnao	185,723	96,129	115,354	1.2	37,235	33,512	0.9	15,823	17,405	1.1	2,841	2,273	0.8
10.	Raebareilly	40,431	22,434	33,651	1.5	70	70	1.0	7,948	8,743	1.1	1,023	818	0.8
11.	Barabanki	13,855	11,781	24,740	2.1	418	460	1.1	658	724	1.1	27	32	1.2
Total		1,257,090	811,584	1,666,094	2.1	122,805	131,503	1.1	89,538	123,283	1.4	34,138	33,116	1.0

No.	Name of District	Sown Area (ha)	Arhar			Urdmoong			Groundnut			Soyabean		
			Area	Pro.	t/ha	Area	Pro.	t/ha	Area	Pro.	t/ha	Area	Pro.	t/ha
1.	Nainital	41,329	25	20	0.8	39	12	0.3	6	6	1.0	-	-	-
2.	Pilibhit	123,883	1,422	995	0.7	1,560	312	0.2	142	156	1.1	-	-	-
3.	Bareilly	124,007	2,915	3,790	1.3	1,652	496	0.3	5,267	4,740	0.9	-	-	-
4.	Shahjahanpur	170,566	5,075	3,553	0.7	11,876	3,563	0.3	3,089	3,398	1.1	-	-	-
5.	Kheri	112,163	3,813	2,288	0.6	4,175	835	0.2	3,205	3,205	1.0	-	-	-
6.	Hardoi	184,923	11,348	7,944	0.7	27,066	8,120	0.3	20,803	14,562	0.7	-	-	-
7.	Sitapur	203,334	17,771	5,331	0.3	12,714	1,271	0.1	11,538	10,384	0.9	-	-	-
8.	Lucknow	56,876	5,620	6,744	1.2	3,582	716	0.2	700	350	0.5	-	-	-
9.	Unnao	185,723	12,389	14,867	1.2	8,193	1,639	0.2	13,113	11,802	0.9	36	48	1.3
10.	Raebareilly	40,431	4,958	3,966	0.8	3,076	615	0.2	922	461	0.5	-	-	-
11.	Barabanki	13,855	580	464	0.8	258	52	0.2	133	146	1.1	-	-	-
Total		1,257,090	65,916	49,962	0.8	74,191	17,631	0.2	58,918	49,210	0.8	36	48	1.3

Source: Directorate of Statistic, State Department of Agriculture, 1990

Table E.5 Cultivated Area, Production and Unit Yield Per Ha by Crop in Rabi Season in Study Area, 1987-89

No.	Name of District	Sown Area (ha)	Wheat			Barley			Gram		
			Area	Pro.	t/ha	Area	Pro.	t/ha	Area	Pro.	t/ha
1.	Nainital	34,192	33,049	69,403	2.1	209	293	1.4	124	87	0.7
2.	Pilibhit	135,103	124,034	235,665	1.9	406	568	1.4	1,034	310	0.3
3.	Bareilly	113,601	104,561	188,210	1.8	1,027	1,438	1.4	1,591	318	0.2
4.	Shahjahanpur	198,282	174,980	402,454	2.3	2,961	6,514	2.2	15,608	12,486	0.8
5.	Kheri	139,245	121,655	218,979	1.8	2,752	3,578	1.3	2,704	1,082	0.4
6.	Hardoi	297,743	222,675	400,815	1.8	15,379	21,531	1.4	36,042	25,229	0.7
7.	Sitapur	220,722	176,399	299,878	1.7	12,960	14,256	1.1	19,726	5,918	0.3
8.	Lucknow	81,242	69,426	131,909	1.9	2,826	3,634	1.3	6,181	5,563	0.9
9.	Unnao	270,654	96,129	173,032	1.8	151,804	212,526	1.4	14,766	13,289	0.9
10.	Raebareilly	63,137	50,163	90,293	1.8	5,657	6,788	1.2	4,291	1,716	0.4
11.	Barabanki	12,854	10,825	22,733	2.1	308	370	1.2	1,183	828	0.7
Total:		1,566,775	1,183,896	2,233,371	1.89	196,289	271,496	1.39	103,250	66,826	0.65

No.	Name of District	Sown Area (ha)	Pea			Mustard		
			Area	Pro.	t/ha	Area	Pro.	t/ha
1.	Nainital	34,192	83	58	0.7	727	436	0.6
2.	Pilibhit	135,103	297	178	0.6	9,332	5,599	0.6
3.	Bareilly	113,601	1,251	751	0.6	5,171	3,103	0.6
4.	Shahjahanpur	198,282	2,366	1,420	0.6	2,367	1,420	0.6
5.	Kheri	139,245	212	191	0.9	11,922	7,153	0.6
6.	Hardoi	297,743	2,779	2,501	0.9	20,868	14,608	0.7
7.	Sitapur	220,722	2,442	2,198	0.9	9,195	5,517	0.6
8.	Lucknow	81,242	2,074	1,867	0.9	735	441	0.6
9.	Unnao	270,654	2,809	2,528	0.9	5,146	3,088	0.6
10.	Raebareilly	63,137	1,692	1,523	0.9	1,334	800	0.6
11.	Barabanki	12,854	176	194	1.1	362	217	0.6
Total:		1,566,775	16,181	13,409	0.83	67,159	42,382	0.63

Source: Directorate of Statistic, State Department of Agriculture, 1990

Table E.6 Cultivated Area, Production and Unit Yield per Ha of Zaid Season Crop and Sugarcane in Study Area, 1987-89

Sl. No.	Name of District	Potatoes			Sugarcane		
		Area	Pro.	t/ha	Area	Pro.	t/ha
1.	Nainital	81	1,515	18.7	4,288	265,856	62.0
2.	Pilibhit	1,166	21,804	18.7	37,489	2,541,754	67.8
3.	Bareilly	3,571	66,778	18.7	36,402	2,246,003	61.7
4.	Shahjahanpur	4,109	67,799	16.5	41,417	2,228,235	53.8
5.	Kheri	760	12,160	16.0	64,656	3,122,885	48.3
6.	Hardoi	8,689	151,189	17.4	20,655	890,231	43.1
7.	Sitapur	3,904	56,998	14.6	56,333	2,749,050	48.8
8.	Lucknow	6,386	104,092	16.3	597	28,119	47.1
9.	Unnao	5,542	96,985	17.5	2,922	134,412	46.0
10.	Raebareilly	1,913	17,791	9.3	1,731	71,550	41.3
11.	Barabanki	818	14,560	17.8	978	76,064	77.8
Total:		36,939	611,671	16.6	267,468	14,354,159	53.7

Table E.7 Result of Paddy Yield survey in Study Area

District	Block	Name of Village	Variety	No. of Hill/m ²	No. of Panicle/Hill	No. of Grains/Hill	No. of Grains/Panicle	Percent of Raiped Grains	Weight of 1,000 Grains	Yield ton/ha	
1. Lucknow		Basrahiya	Pusha Local	21.0	12.0	1,007.0	83.9	42.0	27.7	2.0	
		Basrahiya	Jaya HYV	32.0	11.0	1,150.0	104.5	40.0	28.2	3.4	
		Basrahiya	Panta-4 HYV	22.0	11.0	1,425.0	129.5	49.0	22.1	2.7	
		Basrahiya	Indrasan Local	27.0	16.0	1,545.0	96.6	44.0	28.2	4.2	
		Basrahiya	Indrasan Local	25.0	10.0	940.0	94.0	65.0	25.1	3.1	
		Bacshikatalab	Digoi	Panga-4 HYV	57.0	9.0	606.0	67.3	66.0	23.3	4.3
		Bacshikatalab	Digoi	Jaya HYV	39.0	7.0	715.0	132.1	40.0	25.8	2.3
		Bacshikatalab	Digoi	Panta-4 HYV	38.0	7.0	657.0	93.9	77.0	29.9	4.7
		Bacshikatalab	Digoi	Sarjir-52 HYV	42.0	11.0	791.0	71.9	66.0	24.7	4.4
		Bacshikatalab	Misripur	Sarjir-52 HYV	39.0	10.0	860.0	86.0	48.0	23.0	3.7
		Bacshikatalab	Misripur	Sarjir-52 HYV	39.0	7.0	902.0	128.8	67.0	24.5	4.7
		Bacshikatalab	Dinagarpur	Indrasan Local	20.0	10.0	814.0	81.4	59.0	23.4	2.2
		Bacshikatalab	Dinagarpur	Sarjir-52 HYV	36.0	6.0	527.0	104.5	59.0	25.5	2.8
		Bacshikatalab	Dinagarpur	Panta-4 HYV	32.0	13.9	960.0	73.8	72.0	22.4	4.0
		Bacshikatalab	Dinagarpur	Jaya HYV	34.0	14.0	980.0	70.0	76.0	16.7	3.4
		Malihabad	Fandipur	Pusha Local	31.0	9.0	382.0	36.9	73.0	23.2	1.4
		Malihabad	Mohamad	Pusha Local	28.0	14.0	946.9	67.6	88.0	18.5	3.5
		Malihabad	Kusmandihala	Jaya HYV	42.0	9.0	538.0	59.8	74.0	23.7	3.2
		Malihabad	Hariharpur	Jaya HYV	44.0	19.0	1,785.0	93.9	14.0	26.7	2.4
		Malihabad	Bhakakhera	Pusha Local	41.0	25.0	2,207.0	58.3	40.0	17.0	5.0
2. Unnao	Ssoha	Lalakamera	Mansoori Local	48.0	10.0	332.0	83.2	55.0	25.9	4.6	
	Asoha	Bapunagar	Mansoori Local	32.0	6.0	307.0	51.2	67.0	21.1	1.1	
	Asoha	Bapunagar	Pusha Local	47.0	8.0	1,165.0	145.6	64.0	15.5	4.4	
	Asoha	Bapunagar	Indstan Local	27.0	9.0	718.0	79.8	58.0	29.8	2.7	
	Asoha	Bapunagar	Bilaspuri Local	40.0	6.0	961.0	160.2	41.0	29.5	3.9	
3. Sitapur	Sidhuli	Ataria	Panta-4 HYV	32.0	11.0	916.0	53.3	62.0	23.8	3.5	
	Sidhuli	Genera	Pusha Local	26.0	8.0	929.0	116.1	63.0	21.9	2.7	
	Kharabad	Sadidapara	Bilaspuri Local	20.0	8.0	574.0	71.8	63.0	24.8	1.5	
	Kharabad	Dharuraja	Pusha Local	27.0	7.0	480.0	68.6	80.0	27.2	2.3	
	Ladpur	Kharabad	Panta-4 HYV	32.0	8.0	479.0	59.9	55.0	20.8	1.4	
4. Shahajahanpur	Dadbauli	Gurari	Panta-4 HYV	29.0	4.0	490.0	122.5	84.0	20.8	2.0	
	Bhawalkhera	Baukatara	Panta-4 HYV	42.0	8.0	702.0	87.8	55.0	25.1	3.3	
	Bhawalkhera	Chackbetheri	Pusha Local	20.0	9.0	788.0	87.6	64.0	21.0	1.7	
	Misripur	Kataya	Bilaspuri Local	28.0	4.0	347.0	86.8	72.0	26.7	1.5	
5. Hardoi	Malawan	Deveriganji	Jaya HYV	14.0	21.0	1,859.0	88.5	43.0	15.9	1.4	
	Malawan	Pipuri	Jaya HYV	24.0	17.0	1,189.0	69.9	60.0	22.4	3.1	
	Malawan	Deghara	Pusha Local	21.0	24.0	1,719.0	71.6	48.0	16.4	2.3	
	Malawan	Raipur	Pusha Local	42.0	8.0	681.0	85.1	53.0	26.1	3.2	
	Malawan	Kamalpur	Jaya HYV	32.0	10.0	665.0	66.5	32.0	23.0	1.3	
	Malawan	Pisgriwa	Pusha Local	21.0	10.0	813.0	81.3	62.0	20.6	1.8	
6. Rae Bareilly	Bachmrawan	Neem tikar	Panta-4 HYV	30.0	10.0	795.0	79.5	58.0	27.2	3.0	
	Bachmrawan	Neem tikar	Sarjir-52 HYV	27.0	15.0	970.0	64.7	38.0	23.8	1.9	
	Bachmrawan	Neem tikar	Sarjir-52 HYV	27.0	18.0	853.0	56.9	31.0	27.7	1.6	
	Bachmrawan	Neem tikar	Sinta HYV	32.0	12.0	527.0	43.9	57.0	22.6	1.8	
	Bachmrawan	Neem tikar	Sinta HYV	25.0	15.0	950.0	63.3	54.0	18.5	1.9	
	Bachmrawan	Neem tikar	Bilaspuri Local	32.0	14.0	636.0	45.4	60.0	28.4	2.8	
	Bachmrawan	Neem tikar	Sinta HYV	24.0	17.0	1,013.0	59.6	64.0	23.9	3.0	
	Bachmrawan	Neem tikar	Panta-4 HYV	31.0	8.0	237.0	29.5	80.0	24.8	1.2	

Source: JICA Study Team, 1990

Table E.8 Number and Capacity of Storage and Marketing in Uttar Pradesh State

I T E M	Unit	1984-85		1985-89		1989-90		Seventh Plan		Eighth Plan		1991-92		
		Plan Level	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Proposed	Target	Proposed	Likely Achieve
A. STORAGE														
1. Capacity owned by														
(a) State Warehousing Corporation	Th. tonnes	916	1041	1070	1054	1041	1054	1054	1204	1159	1176			
(b) Cooperatives	Th. tonnes	1063	1700	2000	1983	1600	1983	1983	2300	2100	2200			
(c) Mandi Parishad	Th. tonnes	10	125	129	127	95	127	127	127	127	127			
2. Construction of rural godowns	No.	15	238	247	240	215	240	240	240	240	240			
3. Godowns of food and civil supplies dept.	No.	16	2	5	5	57	7	7	16	4	4			
	Level	18	23	23	23	73	23	23	39	27	27			
B. AGRICULTURE MARKETING														
1. Markets at mandi level														
	No.	255	256	262	262	255	262	262	262	262	262			
2. Construction of :														
(a) Regulated markets	No.	98	130	140	149	178	149	149	198	159	169			
(b) Sub-market yards	No.	39	79	89	92	439	92	92	130	94	100			
3. Development of market for shifting of trades														
(a) Sub-markets	No.	12	63	439	63	439	63	63	130	73	79			
(b) Regulated markets	No.	69	115	126	126	126	126	126	198	136	146			

Source: Draft Eighth Five Year Plan, Planning Commission, Uttar Pradesh

Table E.9 Year-wise Certified Seed Distribution by Supply Source

Sl. No.	Year	Unit : Quintals															
		University						Others						Total			
		Pantnagar		Kanpur		Faizabad		State Seed Corp. & National Farm Corporation		UPSTDC Corporation		Farmer Farm		Demand	Supply		
		Demand	Supply	Demand	Supply	Demand	Supply	Demand	Supply	Demand	Supply	Demand	Supply				
1.	1983-84	16,220	16,548 [101.9]	2,850	0	1,465	0	190	190	190	0	0	0	0	1,927	20,725	18,665 [90.1]
2.	1984-85	18,580	10,935 [58.8]	2,815	16 [0.6]	3,600	242 [6.7]	134	134	134	0	0	0	0	1,075	25,129	12,402 [49.3]
3.	1985-86	12,322	4,267 [34.6]	2,710	16 [0.6]	1,200	424 [35.3]	388	388	388	790	790	0	0	968	17,410	6,853 [39.4]
4.	1986-87	12,455	4,968 [39.9]	3,637	114 [3.1]	2,990	634 [21.2]	102	102	102	1,375	1,375	0	0	2,495	20,559	9,689 [47.1]
5.	1987-88	12,801	5,528 [43.2]	3,667	377 [10.3]	1,905	250 [13.1]	989	989	989	1,587	1,587	0	0	3,236	20,949	1,966 [57.8]

Source: Directorate of Agriculture, Government of U.P. 1991

Table E.10 Crop-wise Past Certified Seed Distribution

No.	Crop	1983-84		1984-85		1985-86		1986-87		1987-88		Total	
		Demand	Supply	Demand	Supply	Demand	Supply	Demand	Supply	Demand	Supply	Demand	Supply
1.	Wheat	16,419	14,162 86%	17,193	9,550 56%	11,700	3,937 34%	13,200	5,348 41%	17,409	7,496 43%	75,921	40,493 53%
2.	Paddy	1,140	2,700 237%	1,375	1,255 91%	1,531	1,044 68%	1,101	835 76%	1,056	1,473 139%	6,203	7,307 118%
3.	Maize, Sorghum Millet	333	320 96%	287	166 58%	133	102 77%	160	139 87%	264	160 61%	1,177	887 75%
4.	Soyabean	405	1,012 250%	750	1,002 134%	938	824 88%	904	1,250 138%	975	1,441 148%	3,972	5,529 139%
5.	Pulses	1,023	161 16%	871	170 20%	1,733	384 22%	2,353	666 28%	4,124	1,097 27%	10,104	2,478 25%
6.	Lahi/Rai	10	60 600%	31	42 135%	42	47 112%	46	21 46%	96	85 89%	223	255 114%
7.	Others	6	250 4167%	3	137 4567%	6	515 8583%	79	1,430 1810%	421	214 51%	515	2,546 494%

Source: Head Office Level Records.

Table E.11 The Past Change of Fertilizer Consumption in Uttar Pradesh

YEAR	ITEM	UNIT	In terms of N+P+K					
			SALES BY			PERCENTAGE (%) SHARE		
			All Agency	Cooperative	IFFCO	Coop. to all Agency	IFFCO to all Agency	IFFCO to Coop.
1981-82	a) Actual Consumption	('000 MT)	1,251.7	470.0	197.0	37.5	15.7	41.9
1982-83	a) Actual Consumption	('000 MT)	1,432.5	540.3	186.2	37.7	13.0	34.5
	b) Inc./Dec. over Prev. Yr	('000 MT)	180.8	70.3	-10.8	0.2	-2.7	-7.5
	c) % Varn over Prev. Yr	(%)	14.4	15.0	-5.5			
1983-84	a) Actual Consumption	('000 MT)	1,642.8	590.0	227.1	35.9	13.8	38.5
	b) Inc./Dec. over Prev. Yr	('000 MT)	210.3	49.7	40.9	-1.8	0.8	4.0
	c) % Varn over Prev. Yr	(%)	14.7	9.2	22.0			
1984-85	a) Actual Consumption	('000 MT)	1,613.0	620.0	211.1	38.4	13.1	34.0
	b) Inc./Dec. over Prev. Yr	('000 MT)	-29.8	30.0	-16.0	2.5	-0.7	-4.4
	c) % Varn over Prev. Yr	(%)	-1.8	5.1	-7.0			
1985-86	a) Actual Consumption	('000 MT)	1,971.9	597.2	277.9	30.3	14.1	46.5
	b) Inc./Dec. over Prev. Yr	('000 MT)	358.9	-22.8	66.8	-8.2	1.0	12.5
	c) % Varn over Prev. Yr	(%)	22.3	-3.7	31.6			
1986-87	a) Actual Consumption	('000 MT)	1,771.7	587.7	212.9	33.2	12.0	36.2
	b) Inc./Dec. over Prev. Yr	('000 MT)	-200.2	-9.5	-65.0	2.9	-2.1	-10.3
	c) % Varn over Prev. Yr	(%)	-10.2	-1.6	-23.4			
1987-88	a) Actual Consumption	('000 MT)	1,503.9	568.1	206.8	37.8	13.8	36.4
	b) Inc./Dec. over Prev. Yr	('000 MT)	-267.8	-19.6	-6.1	4.6	1.7	0.2
	c) % Varn over Prev. Yr	(%)	-15.1	-3.3	-2.9			
1988-89	a) Actual Consumption	('000 MT)	2,135.9	655.1	300.2	30.7	14.1	45.8
	b) Inc./Dec. over Prev. Yr	('000 MT)	632.0	87.0	93.4	-7.1	0.3	9.4
	c) % Varn over Prev. Yr	(%)	42.0	15.3	45.2			

Source: IFFCO Report 1990

Table E.12 Block-wise Cooperative Development as of 1988-89

ITEM	Sarojini Nagar		Sataon		Purwa	Sursa
	Sarojani Nagar	Mohanlal Ganj	Sataon	Hilauli	Purwa	Sursa
1. Loan Co-operative Union For Agriculture (Primary)						
A. Total No.	13	14	8	9	11	14
B. No. of Members	12,893	7,235	15,998	8,820	9,070	15,500
C. Share Capital in Rs.	865	512	801	768	616	900
2. Distribution of Loan In The Year						
A. Short Term	2,590	886	2,280	2,175	2,131	1,450
B. Medium Term	590	114	62	1,276	398	206
C. Long Term	2,400	1,740				752
3. Number of Co-Operative Banks Branch	1	1	1	1		1
4. No. of Nationalized Banks Branch	11	8	2	1		1
5. No. of Rural Area Bank			4	2	2	5

Source : Various Issues of "SANKHYAKIYA PATRIKA", State Planning Institute, Government of Uttar Pradesh

Table E.13 Village-wise Cropping Area in Sarojini Nagar (1/3) - Kharif Crop No.1 -

Code Village No.* Name	Paddy		Maize		Sorghum		Millet		Sorghum/ pigeonpea/Millet		Black/Green Gram		Pigeonpea		Ground Nut		Sugar cane		Others	
	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
1 Khende Dev	67	67	8	8	0	0	78	0	0	0	84	0	1	0	6	0	0	0	23	6
2 Kasarwara	17	17	0	3	0	0	34	0	2	5	5	0	0	0	0	0	0	0	0	0
9 Paharpur	25	24	2	4	0	0	23	0	1	11	11	0	1	0	1	0	0	0	5	3
10 Bantbara Sikandarpur	47	47	6	7	0	0	47	0	0	81	0	0	1	0	0	0	0	0	5	4
11 Bazi	11	10	3	2	1	1	20	1	4	17	17	0	0	0	0	0	0	0	10	1
22 Saray Shahzadi	10	10	1	4	0	0	38	0	0	14	14	0	0	0	0	0	0	0	3	0
1 Karnlapur Ahmadpur	23	17	3	1	4	0	13	0	0	3	3	0	0	0	0	0	0	0	1	0
2 Asraf Nagar	31	2	6	1	2	0	22	0	0	2	2	0	0	0	0	0	0	0	14	12
4 Arnausi	982	979	101	5	0	0	144	0	0	5	5	0	15	0	6	6	20	6	20	20
5 Anaura	69	0	3	0	0	0	17	0	0	10	10	0	0	0	0	0	0	0	2	0
7 Andhpur Dev	38	38	2	0	0	0	40	0	0	6	6	0	0	0	0	0	0	0	2	0
8 Alinagar Sunhara	98	0	8	1	0	0	29	0	0	9	9	0	0	0	0	0	0	0	5	1
9 Alinagar Khurd	10	6	2	1	0	0	4	0	0	1	1	0	0	0	0	0	0	0	0	0
11 Aurawan	22	22	5	0	0	0	13	0	0	6	6	0	0	0	0	0	0	0	3	0
13 Kurami	183	181	3	3	0	0	58	0	0	8	8	0	1	0	0	0	0	0	16	1
14 Kisharpur Kaudiya	38	38	2	4	0	0	8	0	0	3	3	0	0	0	0	0	0	0	6	2
17 Khatola	79	74	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Gauri	46	44	0	2	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
21 Gaharu	65	58	4	4	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
23 Chandrawal	93	92	1	1	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Jahanabad	15	15	6	0	0	0	21	0	0	3	3	0	0	0	0	0	0	0	3	3
25 Jati Khara	239	239	0	0	0	1	11	0	0	7	7	0	0	0	0	0	0	0	1	0
26 Dhawapur	23	15	1	2	0	0	5	0	0	4	4	0	1	0	0	0	0	0	1	0
27 Naktur	316	313	15	0	0	0	29	0	0	3	3	0	0	0	0	0	0	0	4	2
28 Nurnagar Bhadarsa	141	94	0	18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 Neevan	118	116	5	2	0	0	43	0	0	17	17	0	3	0	0	0	0	0	8	1
31 Parvar Paschim	177	177	0	5	0	0	50	0	0	5	5	0	0	0	0	0	0	0	3	2
32 Parvar Purab	140	5	0	0	0	0	11	0	0	2	2	0	0	0	0	0	0	0	2	0
35 Faroukabad Chillaw	102	101	2	2	0	0	10	0	0	2	2	0	0	0	0	0	0	0	2	0
36 Bijmair	184	116	14	3	38	1	9	0	0	14	14	0	3	0	0	0	1	1	8	7
39 Behta	99	99	1	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0
40 Behsa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 Bibipur	60	27	1	0	0	2	2	0	21	4	4	0	0	0	0	0	0	0	8	1
42 Bhagukhera	56	55	2	0	0	0	10	0	10	7	7	0	0	0	0	0	0	0	1	1
44 Masi	277	277	3	7	0	0	59	0	0	12	12	0	0	0	0	0	1	1	10	0
46 Makuchampur Kaithi	55	47	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
47 Merausa	84	65	1	2	0	0	0	0	0	4	4	0	0	0	0	0	0	0	2	0
50 Meerapur Pirwat	78	78	2	4	0	0	4	0	0	24	24	0	0	0	0	0	0	0	3	0
51 Ratauli	61	61	1	0	0	0	14	0	0	1	1	0	2	0	0	0	0	0	0	0
52 Rahimabad	81	76	7	1	0	0	26	0	0	9	9	0	0	0	0	0	0	0	9	1
53 Rasulpur Jathuria	4	0	0	0	0	0	4	0	0	1	1	0	0	0	0	0	0	0	1	0
55 Shahpur Majhgawan	50	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
58 Saraila	22	22	3	3	0	0	9	0	0	2	2	0	0	0	0	0	0	0	1	0
TOTAL	4,336	3,724	224	6	136	2	4	0	915	0	68	0	28	0	7	0	8	8	186	70

Table E.13 Village-wise Cropping Area in Saroji Nagar (1/3) - Kharif Crop No.2 -

Code Village No.*	Village Name	Paddy		Sorghum/ pigeonpea		Millet/ pigeonpea		Other sorghum		Other Millet		Black/ Green gram		Maize		Sorghum, Maize, Kofon, pigeonpea		Ground Nut		Sugar Cane		Others	
		Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total
1.	Uter Gaon	162	162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Bhasanda	111	111	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Bhilampur	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Parasur Thatha	39	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18.	Jabrauli	183	183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22.	Sirs	73	73	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0
24.	Bhaundari	209	209	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25.	Gautam Khera	15	10	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28.	Gobind Pur	178	144	52	2	2	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37.	Dayalpur	53	53	120	2	1	1	1	1	1	1	19	0	0	0	0	0	0	0	0	0	0	0
39.	Rati	36	35	87	1	1	1	1	1	1	6	0	0	0	0	0	0	0	0	0	0	0	0
40.	Raghunath Khera	16	15	15	3	2	2	1	1	4	4	0	0	0	0	0	0	0	0	0	0	0	0
41.	Sisendi	139	92	65	14	7	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0
42.	Salsamau	41	18	76	2	1	1	1	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0
43.	Kusmaura	154	154	20	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0
44.	Kodra Raipur	47	47	63	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
45.	Madari Khera	2	1	17	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
46.	Mangaiyya	15	15	77	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
47.	Meenapur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48.	Meeranpur	124	119	49	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0
50.	Akbar Beniganj	16	16	39	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
52.	Visinghpur	25	25	57	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0
53.	Baraula	183	183	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
54.	Bhajanmau	6	6	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
55.	Bhadeswa	127	124	46	2	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
56.	Dewaria Bharosava	71	71	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
57.	Dhanuva Saand	34	34	35	5	2	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
80.	Dehawa	130	130	21	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0
103.	Gaura	163	163	9	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		2,366	2,246	1,025	0	31	0	36	0	20	0	169	0	19	0	4	0	11	0	73	0	8	159

Table E.13 Village-wise Cropping Area in Saroji Nagar (1/3) - Kharif Crop No.3 -

District : Unnao
Block : Asoha

No.*	Village Name	Paddy	Sorghum/ Millet/			Maize			Groundnut			Others		
			Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
65	Vilaura	8	0	38	10	0	0	0	0	0	0	2	0	
67	Chaupai	9	1	79	55	0	0	0	0	0	0	0	0	
68	Chilauli	33	0	20	2	0	0	0	0	0	3	0	0	
69	Darehata Achali	3	1	13	7	0	0	1	1	13	0	0	0	
70	Darehata Mahant	3	1	11	5	3	2	6	2	0	0	0	0	
71	Dundiathar	28	1	20	4	2	0	0	0	1	0	0	0	
72	Gyanpur	8	4	21	8	0	0	0	0	21	0	0	0	
74	Gomapur	3	0	14	23	4	0	0	0	2	0	0	0	
75	Gondwa	12	0	9	4	1	0	0	0	0	0	0	0	
79	Keelpur	5	0	4	7	0	0	0	0	2	0	0	0	
80	Lakshipur	10	4	13	6	0	0	32	0	0	0	0	0	
81	Majhara	1	0	3	10	4	0	0	0	0	0	0	0	
82	Gaddipur	4	0	7	5	1	1	12	4	1	0	0	0	
83	Makhdumpur	13	1	3	1	1	0	0	0	1	0	0	0	
86	Neerntika	0	0	9	18	0	0	0	0	1	0	0	0	
87	Paharpur	15	1	12	12	4	4	13	0	13	0	0	0	
88	Padmanpur	0	0	0	0	0	0	0	0	0	0	0	0	
92	Ograpur	0	0	0	0	0	0	0	0	0	0	0	0	
	Total	155	14	276	0	177	0	20	0	68	0	62	0	

District : Unnao
Block : Nawabganj

No.*	Village Name	Paddy	Sorghum			Maize			Groundnut			Black gram			Others		
			Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	
16	Tenduva Hiranakuddi	8	8	9	8	8	21	2	2	4	9	4	0	0			
23	Paraura	21	21	8	3	1	0	0	0	3	4	2	0	0			
30	Balahaomau	21	21	29	3	11	2	2	20	2	0	0	0	0			
32	Benduva	5	5	4	4	6	0	0	15	3	0	0	0	0			
59	Shekhpur	11	11	12	20	15	4	4	14	6	0	0	0	0			
	Total	66	66	62	0	38	0	54	0	8	0	56	0	24			

Remarks : * : Milan Kharsa No.

Table E.13 Village-wise Cropping Area in Sarojini Nagar Area (2/3) - Rabi Crop No.1 -

Code	Village	Wheat		Barley		Gram		Pea		Bejhar		Wheat/Barley		Pottano		Barseen		Mustard		Others	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
1	Khande Dev	261	261	0	0	15	15	5	5	13	13	3	3	13	13	4	4	0	0	1	1
2	Kasarwara	67	67	2	2	4	4	0	0	1	1	0	0	1	1	1	1	0	0	0	0
9	Peharpur	70	70	1	1	9	9	1	1	1	1	1	1	2	2	1	1	1	1	2	2
10	Banthers Sikandarpur	190	190	0	0	9	9	0	0	1	1	2	2	2	2	3	3	1	1	9	9
11	Bani	82	80	0	0	6	6	0	0	6	6	3	3	1	1	1	1	1	1	11	10
22	Saray Shatradi	85	85	2	2	11	11	1	1	3	3	4	4	4	4	1	1	1	1	15	14
1	Kamlaapur Ahmaadpur	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	1	1
2	Atraf Negar	88	88	0	0	21	21	6	6	4	4	0	0	5	5	1	1	0	0	6	4
4	Arausai	183	179	21	16	17	17	13	13	8	8	2	3	24	24	6	6	5	5	4	4
5	Anaura	117	117	0	0	3	3	1	1	1	1	0	0	2	2	7	7	0	0	1	0
7	Andhpur Dev	0	0	0	0	0	0	0	0	0	0	1	1	5	5	1	1	1	1	6	6
8	Alinagar Sunhara	0	0	0	0	0	0	0	0	0	0	0	0	3	3	4	4	0	0	0	0
9	Alinagar Khurd	31	31	0	0	3	3	1	1	2	2	2	2	2	2	1	1	0	0	0	0
11	Anaswan	0	0	0	0	0	0	0	0	1	1	1	1	5	5	17	17	0	0	6	5
13	Kurauni	231	231	0	0	12	12	2	2	0	0	0	0	4	4	3	3	0	0	3	1
14	Kisbanpur Kaudiya	24	24	1	1	7	7	0	0	6	6	1	1	1	1	0	0	0	0	0	0
17	Khatola	77	77	5	5	11	11	0	0	5	5	0	0	3	3	2	2	3	3	1	0
20	Gauri	70	70	0	0	5	5	0	0	2	2	0	0	5	5	0	0	0	0	1	1
21	Gaharu	135	135	0	0	3	3	0	0	8	8	1	1	1	1	1	1	0	0	1	0
23	Chandrawal	116	116	0	0	2	2	1	1	1	1	0	0	3	3	1	1	1	1	0	0
24	Jaharabad	17	17	0	0	2	2	10	10	0	0	0	0	1	1	1	1	0	0	8	0
25	Jaiti Khara	209	209	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
26	Dhawapur	40	40	0	0	2	2	0	0	0	0	1	1	1	1	1	1	0	0	1	1
27	Naktur	306	294	0	0	4	4	2	2	0	0	0	0	8	8	1	1	0	0	1	1
28	Nurnagar Bhadarsa	119	119	6	6	4	4	0	0	3	3	5	5	2	2	7	7	0	0	0	0
29	Neewan	209	208	8	8	22	22	1	1	1	1	5	5	17	17	2	2	1	1	5	4
31	Parvar Paschim	0	0	0	0	0	0	0	0	5	5	0	0	10	10	5	5	0	0	1	1
32	Parvar Purab	46	46	0	0	2	2	0	0	3	3	2	2	14	14	2	2	1	1	4	4
35	Feroukhabad Chillawan	197	191	0	0	45	45	0	0	46	46	0	0	4	4	1	1	0	0	2	2
36	Bijnaur	160	160	0	0	15	15	4	4	10	10	1	1	10	10	20	20	3	3	2	2
39	Beha	0	0	0	0	0	0	33	33	1	1	0	0	4	4	3	3	0	0	2	1
40	Behsa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Bibipur	121	121	3	3	6	6	1	1	3	3	1	1	8	8	3	3	2	2	0	0
42	Bhagukhra	60	60	0	0	13	13	1	1	1	1	0	0	2	2	2	2	1	1	5	1
44	Mai	299	299	1	1	19	19	3	3	1	1	0	0	6	6	9	9	2	2	2	2
46	Makundpur Kaithi	75	74	0	0	5	5	0	0	0	0	1	1	1	1	3	3	1	1	0	0
47	Meraura	125	125	0	0	3	3	1	1	1	1	0	0	2	2	2	2	0	0	3	3
50	Mecranpur Firwat	128	128	1	1	2	2	1	1	1	1	0	0	2	2	3	3	0	0	1	1
51	Ranuli	70	70	0	0	2	2	1	1	1	1	0	0	1	1	0	0	0	0	2	0
52	Rohinabad	129	129	2	2	12	12	2	2	0	0	0	0	3	3	5	5	3	3	2	2
53	Rasulpur Ithuria	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
55	Shahpur Mahaganwan	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1
58	Sareya	96	96	0	0	3	3	1	1	0	0	0	0	3	3	2	2	0	0	2	2
TOTAL		4233	4207	53	29	285	0	92	75	130	74	35	25	189	189	127	127	26	22	111	80

Table E.13 Village-wise Cropping Area in Sarojini Nagar Area (2/3) - Rabi Crop No.2 -

District : Lucknow
Block : Mohanlal Ganj

Code Village No. Name	Wheat		Wheat Gram		Wheat/Barley		Barley		Millet		Gram		Pea		Potatoes		Mustard		Berseem		Others	
	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
1 Uttar Gaon	202	202	0	0	0	0	0	0	0	0	5	2	2	4	4	0	0	2	2	2	1	0
9 Bhasanda	214	214	0	0	0	0	0	0	0	0	6	1	1	5	5	0	0	2	2	2	1	1
13 Bhilampur	35	35	0	0	0	0	0	0	0	0	9	2	2	1	1	0	0	1	1	1	1	1
14 Paraspar Thatha	61	61	0	0	0	0	0	0	1	1	1	13	1	4	4	0	0	1	1	1	2	2
18 Jabrauli	256	256	0	0	0	0	0	0	0	0	6	1	6	6	6	0	0	2	2	2	0	0
22 Srs	139	139	0	0	11	5	0	0	15	4	10	1	1	15	15	0	0	7	7	7	4	4
24 Bhatundari	0	0	0	0	0	0	0	0	0	0	5	1	1	4	4	4	4	3	3	3	0	0
25 Gautam Khera	32	32	0	0	0	0	0	0	1	1	5	2	2	2	2	1	1	0	0	0	0	0
28 Gobind Pur	213	213	0	0	0	0	4	4	8	8	10	4	1	6	6	0	0	5	5	5	6	4
37 Dayalpur	361	359	1	2	2	2	11	11	4	2	6	3	2	4	4	0	0	2	2	2	7	5
39 Rati	180	180	0	0	0	0	14	14	18	18	20	1	1	1	1	0	0	1	1	1	0	0
40 Raghunath Khera	95	95	0	0	0	0	0	0	0	0	7	3	3	3	3	0	0	2	2	2	1	1
41 Sisendi	288	288	0	0	2	2	0	0	0	0	10	6	4	5	5	0	0	1	1	1	2	2
42 Salsamau	215	210	0	0	9	5	13	9	0	0	28	4	2	3	3	0	0	2	2	2	0	0
43 Kusmaura	197	196	1	1	1	1	1	1	2	2	6	3	2	2	2	0	0	2	2	2	4	3
44 Kodra Raipur	139	139	0	0	0	0	5	5	4	4	27	4	4	5	5	42	41	1	1	1	4	4
45 Madari Khera	21	21	0	0	0	0	1	1	0	0	4	6	6	1	1	0	0	0	0	0	0	0
46 Mangaiyya	133	133	5	26	2	2	2	2	47	1	11	5	2	4	4	0	0	2	2	2	1	1
47 Meenapur	111	111	0	0	0	0	14	4	8	2	8	2	2	3	3	6	4	0	0	0	4	2
48 Meerapur	66	66	0	4	1	1	4	4	14	1	10	0	0	5	5	0	0	3	3	3	0	0
50 Akbar Beniganj	93	93	0	0	0	0	1	1	0	0	8	2	2	0	0	0	0	2	2	2	0	0
52 Virsinghpur	90	89	0	0	0	0	9	9	20	1	25	0	0	1	1	0	0	1	1	1	2	1
53 Baraulia	205	205	0	1	0	0	0	0	4	4	16	2	2	1	1	0	0	0	0	0	0	0
54 Bhanjmau	36	36	0	0	0	0	0	0	5	5	5	1	1	1	1	0	0	1	1	1	0	0
55 Bhadeswa	145	145	0	1	1	1	14	14	22	17	30	20	20	38	38	2	1	3	3	3	4	4
56 Dewaria Bharosava	162	162	0	0	0	0	5	3	6	2	24	5	5	5	5	1	1	4	4	4	0	0
57 Dhanuwa Saand	245	245	0	0	0	0	0	0	0	0	5	1	1	3	3	0	0	1	1	1	0	0
80 Dehawa	119	119	0	0	0	0	1	1	0	0	5	4	4	22	22	4	2	0	0	0	1	1
103 Gaura	207	207	0	0	0	0	0	0	0	0	6	2	2	3	3	0	0	3	3	3	0	0
Total	4,260	4,251	7	0	57	19	99	69	179	53	318	0	99	55	157	60	54	54	54	54	45	36

Table E.13 Village-wise Cropping Area in Sarojini Nagar Area (2/3) - Rabi Crop No.3 -

Code No.*	Village Name	Wheat		Gojoi		Barley		Bejhar		Gram		Pea/Potato/Vegetable		Lahi/Mustard	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
65	Vilaura	103	98	3	2	30	10	31	5	32	1	1	4	2	
67	Chaupai	181	181	3	3	6	6	5	5	4	4	3	2		
68	Chilauti	86	81	0	0	1	1	28	4	30	1	1	0		
69	Darehata Achali	54	54	0	0	3	3	4	3	2	0	0	0		
70	Darehata Mahant	62	62	2	2	2	2	1	1	0	1	1	0		
71	Dundiabhar	60	60	0	0	8	4	8	1	14	2	2	0		
72	Gyanpur	70	70	1	1	3	3	3	3	0	2	1	0		
74	Gomapur	51	22	0	0	29	3	5	5	5	0	2	2		
75	Gondwa	24	22	0	0	12	3	5	1	8	2	2	0		
79	Keelpur	24	22	0	0	11	6	0	0	3	2	1	0		
80	Lakshipur	78	78	0	0	2	2	3	2	2	2	1	0		
81	Majharia	55	55	0	0	4	4	4	3	3	0	2	2		
82	Gaddipur	49	49	0	0	4	4	2	1	3	0	0	0		
83	Makhdumpur	40	40	1	1	3	3	5	4	0	0	0	0		
86	Neemtikar	46	31	2	1	25	9	2	2	1	1	1	2		
87	Faharpur	72	72	1	1	1	1	3	3	2	2	2	0		
88	Padmapur	0	0	0	0	0	0	0	0	0	0	0	0		
92	Ograpur	0	0	0	0	0	0	0	0	0	0	0	0		
Total		1,055	997	13	11	144	64	109	36	110	0	20	16	12	4

Remarks : * : Milan Khasra No.

Code No.*	Village Name	Wheat		Barley		Bejhar		Gram		Pea/Lentil		Pasture	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
16	Tendua Hirankuddi	85	85	7	2	8	6	8	2	0	0	136	136
23	Paraura	48	48	0	0	1	1	0	0	0	0	4	4
30	Balahaomau	150	149	0	0	10	10	8	0	0	0	0	0
52	Benduva	21	20	0	0	0	0	1	1	6	6	2	2
59	Shekhpur	125	123	12	12	7	7	9	9	33	33	3	3
Total		427	425	19	14	26	13	26	2	39	0	145	140

Remarks : * : Milan Khasra No.

Table E.13 Village-wise Cropping Area in Sarojini Nagar Area (3/3) - Zaid Crop No.1 -

Code Village No.* Name	Musk Mellor		Other Vegetable		Mango		Others	
	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
1 Khande Dev	1	1	0	0	5	0	2	0
2 Kasarwara	0	0	0	0	0	0	0	0
9 Paharpur	0	0	0	0	0	0	0	0
10 Banthara Sikandarpur	0	0	0	0	11	0	0	0
11 Bani	0	0	0	0	0	0	1	1
22 Saray Shahzadi	0	0	0	0	4	4	1	1
1 Karnapur Ahmadpur	1	1	1	1	0	0	1	1
2 Asraf Nagar	1	1	2	2	7	0	0	0
4 Arnausi	0	0	0	0	14	14	2	2
5 Anaura	0	0	1	1	14	0	0	0
7 Andhpur Dev	0	0	0	0	0	0	0	0
8 Alinagar Sunhara	0	0	0	0	24	0	0	0
9 Alinagar Khurd	0	0	1	1	1	1	0	0
11 Aurawan	0	0	0	0	0	0	1	1
13 Kurani	1	1	1	1	11	0	3	3
14 Kishampur Kaudiya	2	2	2	2	1	1	2	2
17 Khatola	0	0	1	1	1	1	2	2
20 Gauri	0	0	0	0	14	14	0	0
21 Gaharu	0	0	4	4	10	10	0	0
23 Chandrawal	0	0	0	0	5	5	0	0
24 Jahanabad	1	1	5	5	0	0	0	0
25 Jaiti Khera	0	0	0	0	0	0	0	0
26 Dhawapur	0	0	1	1	0	0	1	1
27 Nakur	0	0	7	7	13	13	1	1
28 Nurnagar Bhadarsa	0	0	0	0	0	0	3	3
29 Neewan	1	1	2	2	0	0	7	7
31 Parvar Paschim	3	3	0	0	1	1	1	1
32 Parvar Purab	1	1	0	0	7	7	2	2
35 Faroukhabad Chillawan	1	1	1	1	7	1	1	1
36 Bijnaur	0	0	2	2	69	17	4	4
39 Beha	15	15	2	2	0	0	7	5
40 Behsa	0	0	0	0	0	0	0	0
41 Bibipur	0	0	1	1	4	4	4	4
42 Bhagukhera	2	2	0	0	0	0	0	0
44 Mati	1	1	0	0	8	0	3	3
46 Makudumpur Kaithi	0	0	0	0	0	0	0	0
47 Meraura	0	0	0	0	0	0	0	0
50 Meeranpur Pinwat	1	1	2	2	0	0	0	0
51 Rasauli	0	0	1	1	0	0	0	0
52 Rahimabad	0	0	0	0	8	0	0	0
53 Rasulpur Ithuria	0	0	0	0	1	1	0	0
55 Shahpur Majhawan	0	0	2	2	0	0	0	0
58 Saraiya	0	0	0	0	2	0	0	0
TOTAL	32	32	39	39	242	94	49	46

Table E.13 Village-wise Cropping Area in Sarojini Nagar Area (3/3) - Zaid Crop No.2 -

District : Lucknow Block : Mohanlal Ganj		Other Pulses		Musk Melon		Mango		Other Vegitable		Others	
Code Village	No.*	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
1. Utar Gaon		0		0		3		1		0	
9. Bhasanda		0		0		2		1		0	
13. Bhilampur		1	1	0		0		1		0	
14. Parasur Thatha		0		1		0		3		0	
18. Jabrauli		0		0		4		1		0	
22. Sirs		5	5	1		0		22		15	
24. Bhaundari		2	2	2		9		5		3	
25. Gauzam Khera		1	1	0		0		1		0	
28. Gobind Pur		2	2	0		3		3		0	
37. Dayapur		0		1		4		2		2	
39. Rati		0		0		2		2		1	
40. Raghunath Khera		0		1		0		1		1	
41. Sisendi		1	1	0		4		0		0	
42. Salsaman		1	1	0		3		0		0	
43. Kusmaura		1	1	1		2		1		2	
44. Kodra Raipur		1	1	0		9		1		3	
45. Madari Khera		0		1		0		0		0	
46. Mangaiyya		0		0		2		1		1	
47. Meenapur		0		0		0		0		0	
48. Meerapur		2	2	0		8		0		2	
50. Akbar Beniganj		0		0		0		1		1	
52. Visinghpur		0		1		0		0		0	
53. Baraulia		1	1	0		3		5		0	
54. Bhajanmanu		1	1	0		1		0		0	
55. Bhadeswa		1	1	0		2		1		1	
56. Dewaria Bharosava		1	1	0		1		1		0	
57. Dhanuwa Saand		1	1	1		1		2		4	
80. Dehawa		1	1	1		2		0		1	
103. Gaura		1	1	0		10		3		0	
Total		24	24	11	11	75	26	59	58	37	36

District : Unnao Block : Nawabganj		Tree Crops		Vegetables	
Code	No.*	Total	Irr.	Total	Irr.
16 Tenduva Hirankuddi		2		1	
23 Paraura		1		2	
30 Balahaomau		3		1	
32 Bendava		1		1	
59 Shekhpur		5		1	
Total		12	0	6	0

Remarks : * : Milan Khazra No.

Table E.14 Village-wise Cropping Area in Sataon Area (1/2) - Kharif Crop -

District : Rae Bareilly
Block : SATAON

Code No.*	Village Name	Paddy		Sorghum		Millet		Sorghum/ Pegionpea		Pegionpea/ Black Gram		Green Gram		Sugarcane	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
5	Oasi Paharpur	96	96	0	0	0	0	43	13	1	6	0	0		
6	Konsa	582	582	62	19	19	456	123	95	130	0	0			
7	Kotihar	290	290	7	3	3	343	58	5	7	0	0			
10	Khusarupur	20	19	0	0	0	16	5	4	7	0	0			
13	Gambhirpur	5	5	0	0	0	18	4	0	0	0	0			
14	Gauri Sataon	7	7	0	0	0	13	2	0	0	0	0			
15	Chak Nasirpur	1	1	0	0	0	2	2	0	0	0	0			
16	Chandwal	31	31	0	0	0	11	4	0	0	0	0			
29	Domnapur	17	17	2	0	0	23	7	0	1	0	0			
33	Nirathapur	15	15	0	0	0	21	4	0	0	0	0			
38	Pural	82	82	5	10	10	91	28	0	3	0	0			
45	Bardar	71	71	0	13	13	110	25	3	2	0	0			
46	Bankat	8	8	0	1	1	8	1	0	0	0	0			
47	Manspur	21	21	0	1	1	18	7	0	0	0	0			
48	Malikmau Chaubara	38	38	10	1	1	38	8	0	0	0	0			
50	Raula	30	30	0	27	27	25	13	0	3	0	0			
56	Shokhapur	6	6	0	0	0	14	4	0	1	0	0			
58	Sataon	54	54	10	3	3	112	35	2	8	0	0			
68	Husepur	4	4	0	1	1	26	2	0	0	0	0			
69	Hajipur	202	202	3	0	0	154	28	1	12	0	0			
70	Hardaurpur	8	8	0	0	0	20	3	2	1	0	0			
	Total	1,588	1,587	99	0	79	0	1,562	0	376	0	113	0	181	0

District : Rae Bareilly
Block : Kheero

Code No.*	Village Name	Paddy		Maize/ Pegionpea		Blackgram/ Greengram		Sugarcane		Groundnut		Others	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
27	Chandernau	9	9	2	0	0	3	2	24	8	0	0	
45	Naugava	23	23	0	5	5	4	3	5	3	0	0	
47	Paho	75	75	1	46	46	7	2	1	19	0	0	
52	Baraula	29	29	0	0	0	2	1	16	5	0	0	
57	Basigava	46	37	0	5	5	1	1	0	7	0	0	
60	Bhitaragaou	100	100	0	64	64	16	2	56	36	0	0	
72	Rampur Majara	13	13	0	6	6	0	0	14	8	0	0	
	Total	295	286	3	0	126	126	33	11	116	0	86	0

District : Unnao
Block : Hilsauli

Code No.*	Village Name	Paddy		Sorghum		Sorghum/ Pegionpea		Millet/ Pegionpea		Blackgram/ Greengram		Groundnut		Sugarcane		Others	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.		
1	Ahesa	219	14	1	25	0	2	0	0	3	2	1	0				
2	Akohari	36	0	1	26	0	13	0	0	2	1	6	0				
8	Basari	234	131	2	9	0	1	0	0	4	4	5	0				
11	Chalsriha	364	50	0	227	30	30	10	6	24	11	8	0				
13	Indara	557	109	0	10	0	1	0	0	0	0	2	0				
14	Jai Singh Khara	38	0	0	15	0	4	0	0	0	0	8	0				
19	Lotna	204	16	0	17	0	1	0	1	1	1	1	0				
23	Mavai	327	5	1	222	6	6	8	3	24	24	20	0				
25	Nari Chak	757	190	0	6	0	6	0	6	4	2	5	0				
50	Chhibipur	12	0	0	3	0	0	0	1	0	0	2	0				
56	Galibpur	59	13	9	52	5	5	8	24	2	2	12	0				
60	Khanpur	7	7	5	0	0	1	13	0	0	5	0					
65	Rajwada	27	0	0	55	28	28	3	19	1	0	5	0				
66	Sarai Mubarak	5	0	1	10	0	0	10	0	0	0	2	0				
	Total	2,846	535	20	0	677	0	69	69	58	0	76	0	65	47	82	0

Table E.14 Village-wise Cropping Area in Sataon Area (2/2) - Rabi Crop -

District: Rae Bareilly
Block: Hihail

No.	Village Name	Wheat		Barley		Wheat/barley		Millet		Gram		Pea		Potatoes/vegetables		Lah/Masurd		Barasum	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
5	Orai Paharpur	158	138	2	2	43	0	103	71	230	101	1	2	1	3				
6	Koosa	1,398	1,398	65	65	0	0	31	21	46	2	2	6	0	13	55			
7	Korhar	49	49	2	2	0	0	0	0	9	1	1	3	0	1				
10	Nusreyar	32	32	4	4	0	0	0	0	6	7	6	2	1	0				
13	Gambhirpur	25	25	3	3	0	0	0	0	3	4	3	1	0	0				
14	Gauri Sataon	8	8	0	0	0	0	0	0	1	1	0	0	0	0				
15	Chak Nasirpur	56	56	0	0	1	1	1	1	4	1	1	1	0	0				
16	Chandwal	88	88	0	0	0	0	6	4	6	3	2	2	0	1				
29	Dompur	64	64	3	3	0	0	25	21	6	1	1	1	1	1				
33	Nirashapur	260	260	0	0	0	0	30	29	8	1	1	1	1	12				
38	Pural	176	176	3	3	0	0	0	0	4	4	1	1	0	0				
43	Barbar	28	28	3	3	0	0	0	0	6	0	0	0	1	1				
46	Ranbat	49	49	0	0	0	0	0	0	8	2	2	2	1	1				
47	Masurpur	95	95	1	1	0	0	13	8	5	2	2	7	2	2				
48	Mahman Chaudhri	88	88	8	8	7	7	0	0	1	1	1	3	1	2				
50	Kaula	56	56	4	4	0	0	0	0	3	2	2	2	0	42				
56	Shokhapur	425	425	12	8	0	0	8	4	66	1	1	15	2	1				
58	Sataon	40	40	3	3	0	0	0	0	25	2	2	2	1	0				
68	Husepur	409	409	0	0	1	1	27	12	4	3	3	0	0	0				
69	Hajipur	18	18	0	0	0	0	3	2	0	0	0	0	0	0				
70	Haldanpur	4,194	4,194	131	111	45	0	253	116	500	1	140	26	116	33	110	0	123	0
Total																			

District: Rae Bareilly
Block: Khiron

No.	Village Name	Wheat		Barley		Millet		Gram		Pea		Potatoes		Vegetables/Other	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
27	Chandman	72	72	8	5	2	2	5	1	1	3	8			
45	Naugava	57	57	1	1	0	0	2	1	2	2	3			
47	Pabo	277	277	4	17	9	39	3	1	6	5				
52	Beranah	81	81	3	2	3	13	1	1	4	3				
57	Basigava	26	26	2	1	2	1	0	0	1	2				
60	Hilargaon	559	559	13	11	21	12	45	5	5	37	22			
72	Rampur Majara	82	82	3	2	1	1	10	3	3	0	4			
Total		1,154	1,154	34	22	46	26	114	0	14	11	53	0	47	

District: Unnao
Block: Hihail

No.	Village Name	Wheat		Wheat/Gram		Barley		Wheat/barley		Millet		Gram		Pea		Potatoes		Other Crops	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
1	Abasa	74	29	7	4	4	5	42	40	90	60	4	4	3	0				
2	Alchhari	322	250	6	41	0	3	80	150	132	12	10	5	3	8	10	10	0	0
8	Basari	99	77	1	0	0	0	0	0	11	60	6	6	3	1	1	1	2	2
11	Gouerbak	200	200	10	140	80	2	0	0	0	0	0	0	35	15	28	28	8	8
13	Indaura	66	66	0	4	2	0	0	0	1	0	0	0	4	1	1	1	1	2
14	Jai Singh Khara	83	67	0	6	4	0	0	0	0	0	0	0	6	0	0	0	1	1
19	Lotra	144	68	0	0	0	0	30	16	0	0	3	0	4	0	0	0	5	5
23	Maveli	108	80	23	120	80	0	0	0	46	16	40	3	45	10	10	10	5	5
25	Nari Chak	26	20	0	0	0	0	0	0	10	12	12	0	0	1	1	1	0	0
50	Chandpur	27	27	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
56	Gallpur	154	150	1	46	39	4	4	10	7	5	2	2	2	3	3	1	1	1
60	Kharpur	84	83	0	25	19	1	1	2	2	10	2	1	6	6	1	1	1	0
65	Rajwada	140	140	0	42	36	27	27	20	13	9	1	1	1	1	1	1	0	0
66	Sani Mubarak	70	62	0	33	16	0	0	9	3	2	2	2	1	1	1	1	0	0
Total		1,597	1,319	48	0	482	316	265	189	356	118	107	0	116	35	62	62	25	25

Table E.15 Village-wise Cropping Area in Sursa Area (1/3) - Kharif Crop No.1 -

No.*	Village Name	Paddy		Maize		Sorghum		Sorghum/Pigeonpea		Black/Green gram		Groundnut		Sugarcane		Others	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
1	Aadhmanau	74	71	43	12	4	2	2	1	1	6	6	1	0	0	0	0
2	Aadhara	77	7	55	1	3	40	9	11	0	5	3	2	0	0	0	0
3	Untrapur	46	12	44	1	34	9	9	30	0	2	2	0	0	0	0	0
4	Ainchanau	119	113	5	2	2	0	0	1	0	4	4	2	0	0	0	0
5	Odra Pachhisi	360	148	81	8	6	8	8	1	1	16	16	16	0	0	0	0
6	Aranganpur	97	0	44	0	10	16	7	0	0	9	9	9	0	0	0	0
7	Kamzali	37	0	23	0	12	1	1	6	0	13	13	3	0	0	0	0
8	Tikri	24	0	64	0	34	13	9	9	5	4	4	3	0	0	0	0
9	Dhani Tassara	52	30	33	0	0	13	3	3	5	4	4	2	0	0	0	0
10	Turkipur	92	0	72	0	0	6	6	31	0	17	17	5	0	0	0	0
11	Tundwal	141	98	39	1	7	1	1	2	0	17	10	2	0	0	0	0
12	Dabigawan	100	0	8	0	3	2	2	0	0	15	10	2	0	0	0	0
13	Dakulpur	54	0	25	0	5	3	3	2	1	6	0	0	0	0	0	0
14	Newada	24	0	25	0	13	1	1	3	0	4	4	1	0	0	0	0
17	Dahaci Salkapur	87	0	14	0	7	5	1	1	0	11	0	4	0	0	0	0
18	Baranua	83	2	25	0	4	26	11	11	0	9	9	1	0	0	0	0
19	Badraya	52	9	22	0	8	7	0	0	0	1	1	0	0	0	0	0
21	Bikapur	87	43	49	0	16	28	6	6	8	8	2	0	0	0	0	0
22	Bausara	108	0	0	0	0	4	4	2	0	23	21	7	0	0	0	0
23	Bhanara	8	8	29	0	6	1	1	10	0	2	2	1	0	0	0	0
24	Bhittha	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
25	Marsa	307	4	66	0	4	12	12	25	1	4	4	1	0	0	0	0
26	Meoci	80	0	12	0	39	27	0	0	0	0	0	0	0	0	0	0
27	Mahura Kalan	148	119	5	0	4	2	2	1	1	10	10	0	0	0	0	0
31	Sarsaiya	38	0	46	0	12	3	3	0	0	6	6	0	0	0	0	0
32	Sauntera	120	120	102	0	3	28	4	4	2	11	10	1	0	0	0	0
33	Hosapur	79	0	55	0	16	2	2	13	0	16	14	7	0	0	0	0
36	Dholia	98	0	22	0	0	1	1	10	1	14	14	9	0	0	0	0
37	Deoniya	30	11	15	0	5	11	4	4	0	8	8	2	0	0	0	0
38	Naramau	0	0	24	0	2	0	0	0	0	1	1	0	0	0	0	0
39	Fardapur	11	1	33	0	5	3	3	9	5	3	3	12	0	0	0	0
40	Asauli	73	51	0	0	0	25	15	15	0	22	22	1	0	0	0	0
41	Odra Newalia	65	0	111	0	22	16	16	39	2	23	23	6	3	0	0	0
42	Karawan	7	6	166	0	17	49	37	37	9	66	46	24	0	0	0	0
43	Khajurshara	295	196	251	0	279	22	22	34	97	83	81	10	2	0	0	0
44	Jura	81	75	53	1	20	62	1	19	0	29	29	29	0	0	0	0
45	Bhadaicha	137	70	88	0	10	0	0	4	1	21	21	7	1	0	0	0
46	Mahimau	52	0	13	0	0	4	4	11	2	6	6	7	1	0	0	0
47	Madihopur	36	0	22	0	6	14	1	4	2	6	6	1	0	0	0	0
48	Susa	35	0	62	0	14	1	1	11	1	6	6	1	0	0	0	0
49	Akhnapur	29	0	16	0	5	1	1	31	0	4	4	3	0	0	0	0
50	Kauthalia	25	0	18	0	8	6	6	10	0	7	7	5	3	2	0	0
51	Garra	10	0	2	0	2	2	2	1	0	2	2	1	0	0	0	0
52	Ghamoiya	20	1	2	0	0	0	0	1	0	0	0	0	0	0	0	0
53	Feng	101	3	33	1	9	22	1	22	1	92	9	4	0	0	0	0
54	Mariya	1	0	2	0	0	6	6	3	0	10	10	5	1	0	0	0
55	Shahabuddinpur	22	0	36	0	88	31	31	44	3	27	17	11	2	0	0	0
56	Sarra	253	0	38	0	32	3	3	34	0	28	27	8	1	0	0	0

Table E.15 Village-wise Cropping Area in Sursa Area (1/3) - Khrif Crop No.2 -

District : HARDOI
Block : Sursa

Code No.*	Village Name	Paddy		Maize		Sorghum		Sorghum/Pigeonpea		Black/Green gram		Groundnut		Sugarcane		Others	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
57	Satra	192	29	35	1	6	1	3	0	24	0	2	25	11	0	10	0
58	Sikanderpur	6	0	11	0	10	0	5	0	5	0	0	8	5	2	0	0
59	Keharman	34	0	18	0	0	0	14	0	14	0	2	5	1	3	0	0
61	Gangapur	47	0	34	0	11	0	19	0	6	0	0	6	2	1	0	0
62	Ghosar	9	2	16	0	13	0	35	3	9	3	3	7	3	2	0	0
63	Pachkohn	96	0	23	0	12	0	19	0	6	11	11	2	2	2	1	0
64	Barrapur	50	10	96	0	14	0	51	0	30	11	11	4	2	6	0	0
65	Bahloli	4	0	14	0	2	0	25	0	12	5	1	1	1	7	1	1
66	Bhawani	10	0	3	0	0	0	8	0	18	0	0	3	3	0	0	0
67	Bhawan	2	0	51	0	5	0	9	0	13	9	9	6	0	0	0	0
68	Bhawan	209	199	8	0	4	0	35	4	7	13	12	12	11	3	0	0
69	Mehuna Maheshpur	31	20	35	0	20	0	24	0	4	34	10	10	7	6	2	2
70	Lapur	45	34	39	0	0	0	58	0	10	33	5	18	5	11	0	0
71	Seharman	6	0	0	0	2	0	6	0	39	1	1	1	1	3	3	2
72	Saraya	6	0	26	0	7	0	9	0	7	10	14	14	12	5	2	0
73	Singhwan	73	1	47	0	2	0	57	0	20	22	22	15	14	3	0	0
74	Sehaniya	176	44	0	0	36	0	12	0	14	22	22	57	39	7	0	0
75	Harha	34	0	54	0	5	0	8	0	9	2	2	10	2	0	0	0
76	Hathial	35	0	18	0	0	0	29	0	42	0	0	2	2	1	0	0
77	Manawa	27	0	43	0	2	0	9	0	8	11	11	4	4	4	0	0
78	Abdulpur	1	0	23	0	7	0	7	0	3	12	12	10	6	0	0	0
79	Tashkera	0	0	16	0	5	0	7	0	4	0	0	8	3	4	0	0
80	Barbarpur	15	13	3	0	0	0	1	0	0	0	0	1	1	2	0	0
81	Rajapur	0	0	3	1	4	0	4	0	3	0	0	4	1	2	0	0
83	Ksar Main	35	0	17	0	4	0	9	0	0	5	5	1	1	0	0	0
Total		5,000	1,551	2,627	18	927	0	979	0	845	0	373	958	691	280	26	0

KHARIF Crop
District : Hardoi

Block : Ahironi

Code No.*	Village Name	Paddy		Maize		Sorghum		Sorghum/pigeonpea		Pigeonpea/Gram		Sugarcane		Groundnut		Vegetable/Pasture	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
18	Karali	68	0	19	0	4	0	4	0	12	0	19	17	5	7	0	0
20	Khajurmal	28	1	59	0	6	0	22	8	8	11	6	2	2	12	0	0
34	Jasera	1	0	9	0	0	0	4	0	0	3	0	20	1	1	0	0
37	Dannanodi	3	0	76	0	5	0	4	4	4	6	1	0	0	1	0	0
50	Pannayan	51	0	36	0	10	0	11	8	20	12	9	2	0	2	0	0
51	Faidapur	160	0	135	0	18	0	47	11	20	11	9	1	1	11	0	0
60	Wallipur	95	0	141	0	0	0	45	25	25	63	24	5	12	0	0	0
61	Pipona	31	0	82	0	0	0	14	3	18	1	15	4	14	0	0	0
62	Washpur	5	0	12	0	0	0	7	1	2	2	0	0	5	0	0	0
63	Dauspur	8	0	17	0	0	0	8	7	7	8	1	0	4	0	0	0
65	Bamhakhara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Anuwan	20	0	25	0	3	0	2	1	1	6	4	5	2	0	0	0
Total		470	1	611	0	46	0	168	0	89	0	159	72	59	71	0	0

Remarks : * : Milan Khasra No.

Table E.15 Village-wise Cropping Area in Sursa Area (2/3) - Rabi Crop No.1 -

No.	Village Name	Wheat		Barley		Wheat/Barley		Millet		Gram		Pea/Lentil		Potatoes/Vegetables		Muscard		Besseam/Other	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
1	Achharamau	134	134	6	6	3	2	3	2	9	1	0	0	2	2	0	0	2	0
2	Andhara	163	133	8	1	0	2	2	8	27	2	0	0	7	4	7	4	0	0
3	Umrepur	93	93	1	2	2	0	8	0	12	0	0	0	2	2	0	0	0	0
4	Aincharau	244	106	2	0	0	4	0	0	1	1	0	0	3	3	0	0	1	1
5	Odra Pachlasi	500	385	4	2	10	4	7	4	20	1	2	2	9	4	2	2	2	2
6	Arangapur	186	157	4	18	4	18	5	5	20	0	0	0	2	2	1	1	0	0
7	Kanrauli	72	70	6	1	0	0	0	0	2	2	0	0	6	3	0	0	0	0
8	Tkri	117	117	3	1	1	1	0	0	12	4	1	1	7	6	1	1	1	1
9	Dhuni Tasara	137	137	7	4	1	1	0	0	3	0	0	0	3	3	0	0	1	1
10	Turipur	144	142	13	2	3	0	2	2	32	6	6	1	7	7	0	0	1	1
11	Tundwal	189	176	6	1	0	0	5	5	2	2	1	1	7	7	0	0	0	0
12	Dahigawan	106	2	6	0	0	0	3	3	5	0	0	0	4	4	0	0	0	0
13	Dalepur	80	80	7	6	2	2	1	1	12	0	0	0	4	4	0	0	0	0
14	Newada	146	146	6	6	2	2	0	0	13	0	0	0	3	3	1	1	1	1
17	Dibhet Salkapur	146	146	1	1	6	6	0	0	2	2	0	0	11	5	0	0	0	0
18	Barauwa	130	130	5	1	6	6	7	7	6	4	4	4	5	4	2	2	1	1
19	Bahriya	96	96	0	7	7	2	7	7	16	0	0	0	4	4	0	0	0	0
21	Bikapur	243	239	12	2	0	0	11	3	18	0	0	0	6	4	2	1	1	1
22	Bausara	65	65	1	3	3	0	0	4	2	1	1	1	1	1	0	0	1	1
23	Bhaura	71	71	3	0	0	0	4	4	6	0	0	0	7	6	1	1	4	4
24	Bhitha	24	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
25	Marsa	436	434	4	3	7	5	1	1	19	1	1	1	11	2	2	1	3	3
26	Meoni	410	410	7	14	7	14	17	17	28	5	5	20	18	3	3	5	5	5
27	Mahura Kalan	128	128	8	5	0	0	4	4	2	2	1	1	4	4	1	1	0	0
31	Sarsaiya	158	158	12	1	1	1	3	3	18	1	1	2	2	2	0	0	0	0
32	Sauntera	331	331	1	1	12	8	7	7	22	2	2	8	3	12	12	0	0	0
33	Hosiapur	152	141	13	3	0	0	0	0	20	0	0	4	4	9	5	1	1	1
36	Dhohia	158	158	1	0	0	0	2	2	7	1	1	0	9	9	0	0	0	0
37	Deoriya	66	59	4	2	0	0	2	2	5	1	1	2	2	0	0	2	2	2
38	Nararamau	9	9	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
39	Fardapur	54	54	0	2	2	2	0	0	5	3	1	1	9	7	1	1	0	0
40	Asauli	195	195	6	3	0	0	0	0	49	0	0	0	15	7	1	1	0	0
41	Odra Newalia	314	314	6	6	1	1	0	0	5	5	2	2	9	7	3	3	2	2
42	Karawan	283	272	14	12	2	1	7	3	49	23	4	4	12	8	12	11	5	5
43	Khajurahara	1,186	1,183	25	13	2	1	2	2	68	7	7	7	27	27	18	15	10	10
44	Jura	327	319	11	4	2	1	4	1	38	3	3	3	6	3	1	1	1	1
45	Bhadaicha	378	376	24	5	8	5	10	10	67	2	2	2	19	8	2	2	1	1
46	Mulharamau	59	59	2	1	1	1	0	0	2	0	0	0	3	3	1	1	1	1
47	Madhopur	96	96	2	1	1	1	0	0	11	0	0	0	9	8	2	2	0	0
48	Sursa	167	167	0	0	0	0	2	2	5	3	3	3	7	7	1	1	2	2
49	Aktapur	67	52	2	1	0	0	0	0	0	0	0	0	3	2	1	1	0	0
50	Kaumbhalla	87	87	1	1	0	0	0	0	5	5	2	2	2	2	2	2	0	0
51	Gurra	14	14	0	0	0	0	0	0	6	6	0	0	0	0	2	2	0	0
52	Chamotiya	8	0	0	0	0	0	0	0	0	0	0	0	3	3	1	1	0	0
53	Peng	145	100	3	2	0	0	2	2	7	0	0	0	2	0	1	1	0	0
54	Marbiya	22	22	0	1	1	1	0	0	0	0	3	3	1	1	0	0	0	0
55	Shahabuddinpur	211	184	14	5	4	1	8	5	67	6	6	11	4	2	4	2	4	4
56	Sarra	270	270	10	10	0	0	13	13	21	3	3	7	7	5	5	1	1	1
57	Sathra	200	78	11	2	0	0	2	2	7	7	1	1	7	7	1	1	1	1
58	Sikandarapur	72	0	2	2	0	0	1	1	6	6	0	0	2	2	0	0	0	0

Table E.15 Village-wise Cropping Area in Sursa Area (2/3) - Rabi Crop No.2 -

District : HARDOI
Block : Sursa

No.	Village Name	Wheat		Barley		Wheat/Barley		Millet		Gram		Pea/Lentil		Potatoes/vegetables		Mustard		Berseem/Other	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
59	Kebarnau	77	0	0	0	0	0	0	0	4	4	0	0	2	1	0	0	1	0
61	Gangapur	121	75	8	2	0	13	15	1	15	15	1	4	1	2	1	0	0	
62	Ghoser	99	98	6	3	0	6	5	3	22	17	0	6	0	0	0	0	0	
63	Pichkothra	170	170	10	9	2	0	0	0	17	17	1	2	0	0	0	0	0	
64	Barnapur	306	222	19	4	2	2	2	2	33	33	0	1	0	10	5	1	1	
65	Bahloli	69	69	1	0	0	2	1	5	5	5	0	1	0	1	1	1	0	
66	Bhawaniapur	80	74	3	0	8	5	5	0	5	5	0	1	0	0	0	0	0	
67	Bhilawan	154	132	7	2	0	1	13	1	13	13	1	0	1	7	2	0	0	
68	Bhainanau	236	236	6	7	7	13	11	5	41	23	2	2	0	3	3	1	1	
69	Mehusa Mahechpur	128	128	2	1	1	0	0	0	41	23	1	6	0	2	1	1	1	
70	Lalpur	283	279	6	4	1	1	2	48	8	8	12	9	0	5	3	4	0	
71	Scharnau	25	25	1	0	1	0	0	2	2	2	0	0	0	0	0	0	0	
72	Saraiya	80	80	0	1	1	6	10	11	9	9	0	0	0	3	0	0	0	
73	Singhwanau	177	177	2	4	5	16	10	3	11	11	6	2	0	3	3	2	2	
74	Sotariya	354	321	9	4	4	3	8	28	2	2	0	2	0	4	2	3	3	
75	Hacha	103	97	2	9	9	2	2	20	20	20	0	2	0	0	0	0	0	
76	Hathisi	103	84	2	6	6	2	11	0	11	11	0	0	0	1	0	0	0	
77	Matuwa	113	106	6	3	10	6	0	33	33	33	2	0	2	1	0	0	0	
78	Abdulpur	80	68	5	1	0	2	2	10	10	10	1	0	0	1	0	0	0	
79	Tashchera	58	0	3	1	0	1	1	6	6	3	1	1	0	2	1	1	1	
80	Barbaspur	21	21	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	
81	Rajapur	51	50	1	1	0	6	3	11	5	5	11	0	0	0	0	2	2	
83	Kair Masir	90	90	0	0	0	0	0	3	3	3	0	3	0	0	0	0	0	
Total		12,087	10,698	384	133	171	66	237	78	1,122	84	112	0	365	237	154	87	81	0

District : HarDOI
Block : Ahironi

NO.	Village Name	Wheat		Barley		Wheat/Barley		Millet		Gram		Pea		Lentils		Potatoes/vegetables		Mustard		Other Crop	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
18.	Ksrabi	118	116	3	1	2	1	4	4	15	15	12	1	1	3	0	10	9	3	3	
20.	Khajurmai	146	137	3	0	0	146	2	2	16	16	2	0	0	3	0	3	2	2	2	
34.	Jatera	8	7	0	0	0	0	2	2	2	2	1	0	0	1	0	0	0	1	1	
37.	Dummandi	50	48	1	0	0	0	0	9	9	9	2	0	0	3	0	1	0	1	1	
50.	Panniyani	148	111	1	0	0	5	12	12	12	12	3	1	6	0	0	0	0	0	0	
51.	Faridapur	277	247	13	3	12	8	71	11	54	54	19	1	2	18	0	9	2	1	1	
60.	Wallipur	322	279	12	5	1	0	8	1	78	78	5	1	4	15	0	5	4	1	1	
61.	Piposa	158	90	1	0	0	0	0	19	19	19	4	5	2	0	3	1	1	1	1	
62.	Waistpur	25	23	0	0	0	0	1	3	3	3	2	2	1	0	1	1	1	1	1	
63.	Daudpur	39	35	0	0	0	0	4	1	5	5	1	0	2	0	0	0	0	0	0	
65.	Bambhakhara	69	69	0	0	0	0	0	33	33	33	1	1	1	0	0	1	1	0	0	
74.	Anuwan	1,360	1,162	34	9	15	9	99	15	246	0	52	2	16	0	55	0	33	21	13	0
Total		13,660	11,662	34	9	15	9	99	15	246	0	52	2	16	0	55	0	33	21	13	0

Remarks : * : Milan Kharsa No.

Table E.15 Village-wise Cropping Area in Sursa Area (3/3) - Zaid Crop -

District : HARDOI		Block : Sursa											
No.*	Village Name	Maize		Greengram		Other Pulses		Mango		Vegetables		Pastures/Others	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
1	Aharaman	0		0		10	10	4		1	1	0	
2	Ancharra	0		1	1	0		6		2	2	0	
3	Umrapur	0		0		1	1	6		2	2	0	
4	Ainchaman	1	1	10	10	7	7	2		1	1	0	
5	Odra Pachlai	1	1	5	5	3	3	1		1	1	0	
6	Adgapur	0		0		0		1		0	0	0	
7	Kamraulti	0		3		0		1		0	0	0	
8	Tikari	0		0		0		1		1	1	0	
9	Ghinal Tuseura	0		0		0		1		2	2	0	
10	Turtipur	0		0		0		1		1	1	0	
11	Tundwal	0		19	3	0		0		2	2	0	
12	Dahlgawan	8	8	0		14	10	1		0	0	1	1
13	Dabjpur	0		7	7	1	1	0		1	1	0	
14	Nowada	0		1	1	0		2		1	1	1	1
17	Dabehi Saikapur	0		14	12	2	2	0		0	0	0	
18	Barauwa	0		0		0		5		2	2	0	
19	Baharalya	0		0		0		1		1	1	0	
21	Bikapur	0		0		0		2		1	1	0	
22	Bosara	0		18		0		8		4	4	0	
23	Bhataura	0		1		0		2		0	0	0	
24	Bhittha	0		3	3	3	3	0		0	0	0	
25	Marsa	0		0		0		0		0	0	0	
26	Meoni	0		3		0		10		5	5	0	
27	Mahurakalan	0		2		0		1		2	2	0	
31	Sarsama	0		1	1	0		3		1	1	0	
32	Sontara	0		0		0		3		1	1	0	
33	Hosiyapur	0		6	6	0		4		1	1	0	
36	Dholiya	0		0		0		2		2	2	0	
37	Deoria	0		0		0		2		0	0	0	
38	Nanarau	0		0		0		2		0	0	0	
39	Faridapur	0		0		0		1		2	2	0	
40	Assull	0		0		0		13		6	6	0	
41	Odranevaliya	0		0		0		10	1	1	1	6	6
42	Kasrawan	0		0		1	1	5	1	4	4	4	4
43	Khajurahara	0		0		0		40	1	6	6	0	
44	Jura	0		0		1	1	2		0	0	0	
45	Bhadalcha	0		0		0		14		0	0	0	
46	Malinhamau	0		0		0		3		1	1	0	
47	Madhopur	0		0		0		4		1	1	0	
48	Sursa	0		0		0		4		2	2	1	1
49	Akhanapur	0		0		0		3		0	0	0	
50	Kanthallya	0		0		0		2		0	0	0	
51	Gura	0		0		0		1		0	0	0	
52	Ghamoliya	0		5	7	0		0		0	0	0	
53	Peng	0		12	1	1		1		0	0	0	
54	Madhlya	0		0		0		1		0	0	0	
55	Sahabuddinpur	0		0		0		4		1	1	0	
56	Sarra	0		1	1	0		2		0	0	1	1
57	Sathra	0		22	8	5		3		1	1	0	
58	Sikandarapur	0		0		0		3		0	0	1	1
59	Kaherman	0		0		0		2		0	0	0	
61	Gangapur	0		0		0		2		0	0	0	
62	Ghosar	0		0		0		10		0	0	0	
63	Pachkohra	0		0		0		0		0	0	0	
64	Banapur	0		0		0		0		0	0	0	
65	Bahloll	0		0		0		2		0	0	0	
66	Bhawanipur	0		0		0		0		0	0	0	
67	Bhllawan	0		0		0		0		0	0	0	
68	Mainamau	0		0		0		2		0	0	0	
69	Mehuna Maheshpur	0		0		0		1		0	0	0	
70	Lajpur	1	1	1	1	0		5	1	0	0	0	
71	Schramau	0		0		0		1		0	0	0	
72	Saralya	0		0		0		1		4	4	0	
73	Singhwarman	0		0		0		2		0	0	0	
74	Sohariya	0		0		0		5	2	0	0	0	
75	Haraha	0		0		0		7		0	0	0	
76	Hathial	0		0		0		2		0	0	0	
77	Matuwa	0		0		0		2		0	0	0	
78	Abdupur	0		0		0		3		0	0	0	
79	Tashkhera	0		0		0		1		0	0	0	
80	Burhatapur	0		1	1	0		0		0	0	0	
81	Rajepur	0		1	1	0		0		0	0	0	
83	Kalmair	0		0		0		0		2	2	0	
Total		11	11	137	53	59	44	236	10	66	66	15	15

District : Hardoi		Block : Ahirori							
No.*	Village Name	Pul Pulses		Veget/Vegetables		Tree (Tree Crops)		Pasi Pasture	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
18	Karabi	1		0		3		0	
20	Khajurmasi	2		2		10		1	
34	Jarera	1		0		1		0	
37	Dannandi	1		0		1		2	
50	Punnayan	0		0		8		0	
51	Faridapur	1		0		27		17	
60	Vallopur	3		15		8		0	
61	Pipona	2		10		0		5	
62	Valpur	0		2		0		2	
63	Dadodpur	0		1		0		1	
74	Arwan	0		2		8		1	
Total		11	0	32	0	66	0	29	0

Remarks : * : Milan Khasra No.

Table E.16 Village-wise Cropping Area in Purwa Area (1/3) - Kharif Crop -

District : Unnao
Block : Purwa

Sl. No.	Village Name	Paddy		Jowar		Jowar/Pegionpea		Maizo		Gram		Sugarcane		Others	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
1	Beval Manasa Khera	134	134	0		6		0		1		6	6	0	0
2	Bhatnau	10	10	1		14		0		3		3	3	5	0
3	Chamiyani	264	256	4		150		10		35		35	35	65	7
4	Garha Kola	9	9	1		8		3		2		2	2	120	0
5	Jajanpur	7	7	1		6		3		0		2	2	5	0
6	Kishan Khera	0	0	0		0		0		0		3	3	2	0
7	Lakshmande Mau	204	204	1		1		0		0		10	10	3	0
8	Maharamau	206	206	0		0		0		0		3	3	7	0
9	Manjhawan Sewak	21	21	0		17		3		5		2	2	14	0
10	Muraita	89	89	0		17		1		13		3	3	1	0
11	Rasulpur	6	6	1		4		3		0		0	0	0	0
12	Sijni Sohramau	4	4	1		7		2		0		2	2	5	0
13	Tewaria	88	88	1		0		0		0		2	2	1	0
14	Salethu	189	189	0		7		2		2		1	1	10	0
35	Achal Khera	69	69	0		4		6		9		3	3	2	0
37	Ahamedabad Grunt	60	0	0		0		0		0		2	2	2	0
38	Atwa	16	16	0		4		3		1		2	2	3	1
39	Badey Khera	81	58	0		7		0		1		1	1	3	0
40	Banigaon	176	152	2		130		0		4		2	2	8	5
41	Bhadnang	251	223	0		18		0		4		5	5	7	0
42	Bishun Khera	191	190	0		9		0		6		5	5	7	2
43	Chak Jamalpur	0	0									0	0	0	0
44	Dhirji Khera	29	29	1		7		1		4		3	3	11	0
46	Fatehganj	28	17	1		0		1		3		0	0	6	0
50	Kasroar	118	96	2		0		2		2		1	1	5	0
54	Kasba Pachim	58	35	0		0		4		15		2	2	21	6
55	Patti Sukhnandan	31	31	1		0		0		0		0	0	2	0
56	Kasba Rama Himmat	194	188	1		0		1		7		0	0	8	2
57	Kasba Bhawanipur	219	211	1		0		0		2		0	0	1	0
58	Chandi Gachi	61	61	0		0		0		0		1	1	1	0
60	Kalyanpur	29	29	0		0		1		1		0	0	0	0
61	Bharthi Gachi	25	25	0		0		0		0		0	0	0	0
62	Seer Kaaley Khan	15	15	0		0		0		0		0	0	0	0
64	Simrimau	40	22	5		0		2		9		1	1	4	0
66	Tikar Kalan	166	166	0		4		0		0		4	4	0	0
67	Tikar Khurd	100	100	1		1		0		5		1	1	0	0
68	Tripurarpur	503	503	1		0		0		0		5	5	2	0
69	Tusroar	38	0	2		21		0		1		1	1	0	0
70	Bachholia	2	0	0		5		0		0		0	0	7	0
72	Aschru	0	0	0		24		2		5		0	0	0	0
75	Bhopatpur	53	1	0		39		0		1		1	1	1	1
76	Shanker Chak	3	0	1		0		1		0		0	0	0	0
77	Basncha	16	0	0		15		1		3		0	0	1	0
78	Chhulamau	12	7	0		19		0		7		1	1	3	0
79	Dela	23	10	1		14		2		5		0	0	2	0
81	Asgarganj	18	15	0		2		0		0		1	1	0	0
82	Mohiuddinpur	116	15	0		59		0		4		3	3	7	1
83	Bataumau	50	0	0		2		0		0		1	1	1	0
84	Bhitauli	43	43	0		18		1		1		1	1	1	0
85	Chandrasena	37	37	0		19		1		2		1	1	5	0
86	Darchata	118	118	0		32		0		5		5	5	1	1
87	Himmatpur	6	1	0		13		0		0		0	0	0	0
88	Koadra	2	0	1		21		0		5		0	0	4	0
89	Muraita	12	0	3		25		0		3		0	0	3	1
90	Nayagaon	6	0	10		17		0		2		0	0	10	1
91	Pinjra	32	5	10		27		1		0		1	1	1	0
92	Topra	126	0	1		7		0		1		2	2	1	0
93	Jamunpur	35	0	3		21		1		1		0	0	0	0
94	Baijumaau	14	0	1		16		2		19		2	2	1	1
95	Ghinaikhera	7	0	10		18		4		11		1	1	2	1
96	Mamuejpur	250	0	15		4		1		2		8	8	2	2
97	Pakra Buzurg	141	55	12		9		3		7		9	9	16	10
98	Parhan	112	38	1		7		5		14		1	1	8	7
99	Purandarapur	31	0	1		18		6		11		1	1	1	1
100	Raghuburnathpur	62	0	1		7		0		4		1	1	6	1
101	Ramkhera	21	0	1		5		2		6		2	2	6	4
102	Rawatpur	45	0	2		11		1		9		1	1	12	11
103	Turkaha	72	0	1		0		0		0		5	5	1	0
104	Afsari	0	0	6		15		16		1		3	3	1	1
105	Adhauili	1	0	0		47		8		5		0	0	1	1
109	Kathar	5	0	1		8		2		8		0	0	0	0
	Total	5,200	3,804	111	0	986	0	108	0	277	0	164	164	436	68

Table E.16 Village-wise Cropping Area in Purwa Area (2/3) - Rabi Crop -

District : Unnao
Block : Purwa

Sl. No.	Village Name	Wheat		Barley		Wheat/barley		Millet		Gram		Pea		Potatoes/Vegetables	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
1	Boval Mansa Khara	161	161	12	11	0	0	13	11	2	1	1	1	1	1
2	Bhatmau	27	27	5	4	1	1	5	3	3	0	0	0	0	0
3	Chamiyani	148	48	25	15	16	6	114	60	4	15	8	5	8	5
4	Garha Kola	51	51	0	0	0	0	0	0	0	2	2	0	0	0
5	Jajanpur	53	53	1	1	0	0	3	2	0	0	1	1	1	1
6	Kisban Khara	86	86	2	2	0	0	0	1	0	0	0	2	0	0
7	Lakhande Mau	187	187	2	2	0	0	3	3	0	0	0	2	0	0
8	Maharamau	157	157	0	0	0	0	1	1	0	10	4	1	4	1
9	Manjhawan Sewak	35	35	5	3	0	0	1	1	2	0	3	2	3	2
10	Muralia	85	85	22	22	0	0	1	1	0	0	0	0	0	0
11	Rasulpur	29	29	1	1	0	0	2	2	1	0	1	1	1	1
12	Sjni Sohrarau	70	70	2	2	0	0	2	1	1	1	2	1	2	1
13	Tewaria	97	97	0	0	0	0	0	0	0	0	2	1	2	1
14	Saletu	224	224	14	14	0	0	0	1	0	0	1	0	1	0
35	Achal Khara	80	80	1	1	0	0	0	1	4	4	2	1	2	1
37	Ahamedabad Grunt	40	40	1	0	0	0	0	0	0	0	2	0	2	0
38	Atwa	17	17	3	3	0	0	0	1	0	0	2	1	2	1
39	Badey Khara	64	61	0	0	0	0	1	1	1	0	2	1	2	1
40	Banigaon	362	359	18	18	0	0	3	3	3	6	6	15	8	15
41	Bhadnang	201	201	12	12	0	0	5	5	2	2	2	5	1	5
42	Bishun Khara	106	106	1	1	0	0	0	1	0	0	5	1	5	1
43	Chak Jamalpur											0	0	0	0
44	Dhirji Khara	41	41	2	2	0	0	0	4	3	2	1	1	1	1
46	Fatehganj	64	61	14	13	0	0	2	2	0	1	1	1	1	1
50	Kasroar	163	144	2	1	0	0	0	1	1	2	2	2	2	2
54	Kasba Pachim	62	37	70	51	0	0	30	16	4	10	2	3	1	1
55	Pati Sukhandan	27	27	0	0	0	0	0	0	0	0	0	0	0	0
56	Kasba Rama Himmat	172	172	14	14	0	0	0	0	0	0	0	0	0	0
57	Kasba Bhawanipur	131	131	1	1	0	0	0	0	0	0	1	1	1	1
58	Chandi Garhi	56	56	1	1	0	0	0	0	0	0	0	0	0	0
60	Kalyanpur	77	77	0	0	0	0	0	0	0	0	0	0	0	0
61	Bharthi Garhi	14	14	0	0	0	0	0	0	0	0	1	0	1	0
62	Seer Kasley Khan	9	9	0	0	0	0	0	0	0	0	0	0	0	0
64	Sinrimau	73	72	3	2	0	0	2	1	3	3	5	2	1	1
66	Tikar Kalan	116	115	2	2	0	0	2	2	1	1	0	5	0	0
67	Tikar Khard	108	107	0	0	0	0	0	0	0	2	0	0	0	0
68	Tripurapur	109	109	66	65	2	2	14	1	15	15	3	4	4	4
69	Tusroar	50	50	4	4	3	3	0	0	0	0	2	1	2	1
70	Bacholia	12	11	1	1	0	0	1	3	3	0	4	4	4	4
72	Asehru	125	125	13	13	0	0	4	3	1	1	1	6	5	5
75	Bhopatpur	188	178	41	36	1	1	7	2	6	1	10	6	10	6
76	Shanker Chak	7	6	2	2	0	0	0	0	0	0	3	1	3	1
77	Basnoha	60	52	6	5	0	0	2	1	3	0	2	2	2	2
78	Chhulamau	55	45	7	4	0	0	5	2	2	0	4	1	4	1
79	Dela	30	25	3	2	1	1	1	1	2	1	1	1	1	1
81	Asgarganj	16	16	0	0	0	0	0	0	0	1	1	1	0	0
82	Mohiuddinpur	163	162	10	9	0	0	4	4	5	2	1	12	8	12
83	Bataumau	44	44	2	1	0	0	0	1	1	1	1	1	1	1
84	Bhitauli	78	66	6	3	0	0	2	3	3	2	2	1	2	1
85	Chandrasenan	66	62	3	3	0	0	0	1	1	1	4	2	4	2
86	Darehata	44	38	0	12	12	5	2	15	11	3	1	3	1	3
87	Himmatpur	32	30	5	4	0	0	2	1	0	0	2	2	2	2
88	Koadra	80	77	12	12	0	0	1	4	4	1	2	1	2	1
89	Muralia	87	74	12	9	0	0	1	4	4	0	4	3	4	3
90	Nayagaon	66	64	6	6	0	0	1	1	0	2	1	6	1	6
91	Pinjra	112	104	36	28	0	0	1	1	9	1	4	1	4	1
92	Topra	114	91	2	2	0	0	1	1	1	0	1	1	1	1
93	Jamurpur	87	86	12	10	0	0	1	4	4	0	4	1	4	1
94	Baijamau	80	79	30	22	0	0	1	1	3	1	3	2	3	2
95	Ohinakhera	53	52	23	14	0	0	0	4	4	0	3	2	3	2
96	Manrejpur	185	185	10	10	0	0	0	4	7	9	9	1	9	1
97	Pakra Buzurg	178	177	24	21	0	0	0	1	1	3	1	3	1	3
98	Panhan	45	44	6	5	0	0	0	1	0	0	3	1	3	1
99	Purandarapur	91	86	22	15	0	0	5	3	0	1	3	2	3	2
100	Raghunathpur	65	32	9	7	0	0	0	4	4	0	1	0	1	0
101	Rankhera	33	31	6	3	1	1	2	0	1	2	2	1	2	1
102	Rawatpur	78	78	12	11	0	0	0	3	0	0	6	1	6	1
103	Turkaha	50	50	3	3	0	0	0	2	1	1	1	0	1	0
104	Afsari	49	49	0	0	0	0	0	0	1	5	0	0	5	0
105	Adhauli	65	65	7	7	0	0	9	9	12	0	4	2	4	2
109	Kothar	58	58	20	20	0	0	1	1	3	0	8	0	8	0
	Total	6,048	5,738	657	556	37	26	261	149	153	22	104	25	208	94

Table E.16 Village-wise Cropping Area in Purwa Area (3/3) - Zaid Crop -

District : Unnao
Block : Purwa

NO.	Village Name	Gram		Musk Melon		Tree Crop		Others	
		Total	Irr.	Total	Irr.	Total	Irr.	Total	Irr.
1	Beval Mansa Khera	0		0		0		0	
2	Bhatmau	5		0		0		1	
3	Chamiyani	0		0		6		0	
4	Garha Kola	8		0		0		0	
5	Jajanpur	0		0		0		1	
6	Kishan Khera	0		0		0		0	
7	Lakhmande Mau	0		0		0		0	
8	Maharamau	0		0		0		0	
9	Manjhgawan Sewak	0		0		0		0	
10	Muraita	0		0		0		0	
11	Rasulpur	0		0		0		0	
12	Sijni Sohramau	0		0		0		0	
13	Tewaria	0		0		0		0	
14	Salchu	0		0		7		1	
35	Achal Khera	0		0		5		1	
37	Ahamadabad Grunt	0		0		0		0	
38	Atwa	0		0		0		0	
39	Badey Khera	0		0		0		0	
40	Banigaon	0		0		0		0	
41	Bhadnang	0		0		0		0	
42	Bishun Khera	0		0		0		0	
43	Chak Jamalpur								
44	Dhirji Khera	0		0		0		0	
46	Fateganj	0		0		0		0	
50	Kasroar	0		0		0		0	
54	Kasba Pachim	0		0		0		0	
55	Pati Sukhnandan	0		0		0		0	
56	Kasba Rama Himmat	0		0		0		0	
57	Kasba Bhawanipur	0		0		0		0	
58	Chandi Garhi	0		0		0		0	
60	Kalyanpur	0		0		0		0	
61	Bharthi Garhi	0		0		0		0	
62	Secr Kasley Khan	0		0		0		0	
64	Simrimau	0		0		2		0	
66	Tikar Kalan	0		0		0		0	
67	Tikar Khurd	1		0		0		2	
68	Tripurapur	0		4		5		0	
69	Tusroar	0		0		0		0	
70	Bachholia	0		0		0		1	
72	Asehn	4		3		7		0	
75	Bhepatpur	0		0		4		0	
76	Shanker Chak	0		0		2		0	
77	Basnoha	0		0		0		0	
78	Chhulamau	0		0		0		0	
79	Dela	0		0		0		0	
81	Asgarganj	2		0		0		0	
82	Mohiuddinpur	0		0		8		0	
83	Batauma	0		0		0		0	
84	Bhitauli	0		0		0		0	
85	Chandrasena	0		0		0		0	
86	Darchata	0		0		0		0	
87	Himmatpur	0		0		0		1	
88	Koadra	0		0		0		0	
89	Muraita	0		0		0		0	
90	Nayagaon	1		0		0		0	
91	Pinjra	0		0		0		0	
92	Topra	0		0		0		1	
93	Janarpur	0		0		0		0	
94	Baijuma	0		0		0		0	
95	Ghinakhera	0		0		0		0	
96	Mamrejpur	0		0		0		0	
97	Pakra Buzurg	0		0		0		0	
98	Panhan	0		0		0		0	
99	Purandarpur	0		0		0		0	
100	Raghunathpur	0		0		0		0	
101	Ramkhera	0		0		0		0	
102	Rawalpur	0		0		0		0	
103	Turkaha	0		0		0		0	
104	Afsazi	0		0		0		0	
105	Adhauri	0		0		0		0	
109	Kalhar	0		0		0		0	
	Total	21	0	7	0	46	0	9	0

Table E.17 Cultivated Crops by Soil Type in Sarojini Nagar Area

Soil Type	Upland		Mid-up land		Midland		Mid-low land		Low land		Total	
	Total	Irrigated	Total	Irrigated	Total	Irrigated	Total	Irrigated	Total	Irrigated	Total	Irrigated
Paddy	645	589	3949	3438	239	239	540	552	923	753	6296	5551
Maize	8	0	87	1	0	0	15	0	26	4	136	5
Sorghum	14	0	67	0	0	0	2	0	69	2	152	2
Millet	11	0	5	0	1	0	0	0	4	0	21	0
Pigeonpea	12	0	19	0	0	0	0	0	7	0	38	0
Sorghum/millet/pigeon	467	0	890	0	11	0	87	0	176	0	1631	0
Millet/pigeonpea	89	0	84	0	0	0	0	0	2	0	175	0
Black/Green Gram	82	0	269	0	7	0	7	0	47	0	412	0
Ground Nut	80	0	13	0	0	0	0	0	0	0	93	0
Others	64	8	171	50	1	0	5	2	29	18	270	78
Kharif Total	1472	597	5554	3489	259	239	656	534	1283	777	9224	5636
Wheat	1557	1520	4372	4362	209	209	338	326	983	976	7459	7393
Barley	58	28	66	48	0	0	0	0	24	11	148	87
Wheat/barley	41	13	28	17	0	0	0	0	11	7	80	37
Millet	118	16	98	62	0	0	1	0	32	8	249	86
Lentil	0	0	8	0	0	0	0	0	2	0	10	0
Gram	112	0	295	0	0	0	10	0	95	0	512	0
Wheat & Gram	7	0	11	3	0	0	0	0	1	1	19	4
Pea	13	5	135	95	0	0	5	0	10	7	163	107
Potato	19	19	204	204	1	1	14	14	53	53	291	291
Tomato	0	0	5	4	0	0	1	1	1	1	7	6
Vegetable	5	4	17	17	0	0	0	0	5	5	27	26
Mustard	1	1	67	62	0	0	5	5	7	4	80	72
Berseem	13	13	99	99	0	0	4	4	45	45	161	161
Others	20	12	41	29	0	0	0	0	8	7	69	48
Rabi Total	1964	1631	5446	5002	210	210	378	350	1277	1125	9275	8318
Area Total	3436	2228	11000	8491	469	449	1034	884	2560	1902	18499	13954

Table E.18 Cultivated Crops by Soil Type in Sataon Area

Soil Type	Upland		Mid-up land		Midland		Mid-low land		Low land		Total	
	Total	Irrigated	Total	Irrigated	Total	Irrigated	Total	Irrigated	Total	Irrigated	Total	Irrigated
Paddy	651	651	2571	1347	0	0	364	50	234	131	3820	2179
Sorghum	25	0	91	0	0	0	0	0	2	0	118	0
Millet	15	0	35	0	0	0	0	0	0	0	50	0
Sorghum/Pigeonpea	645	0	1199	0	0	0	227	0	9	0	2080	0
Millet/Pigeonpea	0	0	11	11	0	0	30	30	0	0	41	41
Pigeonpea/Black Gram	127	0	227	0	0	0	0	0	0	0	354	0
Maize/Pigeonpea	0	0	1	0	0	0	0	0	0	0	1	0
Black/Green Gram	6	0	268	120	0	0	10	0	1	0	285	120
Groundnut	0	0	113	0	0	0	6	0	0	0	119	0
Others	0	0	126	0	0	0	8	0	5	0	139	0
Kharif Total	1469	651	4642	1478	0	0	645	80	251	131	7007	2340
Wheat	2114	2084	3939	3736	0	0	200	200	0	0	6253	6020
Barley	67	37	345	278	0	0	140	80	0	0	552	395
Wheat/Barley	5	0	121	62	0	0	150	100	0	0	276	162
Millet	58	3	277	108	0	0	132	12	0	0	467	123
Gram	160	0	474	1	0	0	10	0	0	0	644	1
Wheat/Gram	1	0	30	0	0	0	10	0	0	0	41	0
Pea	13	8	206	40	0	0	35	15	0	0	254	63
Potatoes	34	2	123	30	0	0	28	28	0	0	185	60
Vegetables	7	5	70	25	0	0	8	0	0	0	85	30
Rape/Mustard	28	0	79	0	0	0	0	0	0	0	107	0
Berseem	44	0	75	0	0	0	0	0	0	0	119	0
Other Crops	2	0	13	0	0	0	8	0	0	0	23	0
Rabi Total	2533	2139	5752	4280	0	0	721	435	0	0	9006	6854
Area Total	4002	2790	10394	5758	0	0	1366	515	251	131	16013	9194

Table E.19 Cultivated Crops by Soil Type in Sursa Area

Soil Type	Upland		Mid-up land		Midland		Mid-low land		Low land		Total	
	Total	Irrigated	Total	Irrigated	Total	Irrigated	Total	Irrigated	Total	Irrigated	Total	Irrigated
Paddy	249	22	1685	623	603	128	818	97	359	0	3714	870
Maize	463	0	1169	1	507	0	343	0	202	0	2684	1
Sorghum	29	0	569	0	85	0	134	0	71	0	888	0
Sorghum/Pigeonpea	181	0	541	0	145	0	70	0	89	0	1026	0
Pigeonpea/Gram	23	0	0	0	26	0	0	0	40	0	89	0
Black/Green Gram	96	0	424	0	96	0	117	0	0	0	733	0
Groundnut	112	0	207	5	24	0	38	0	13	0	394	5
Vegetables	25	5	49	15	10	4	10	2	5	0	99	26
Pasture/Others	30	0	98	0	21	0	41	0	17	0	207	0
Kharif Total	1208	27	4742	644	1517	132	1571	99	796	0	9834	902
Wheat	754	636	5565	5025	1811	1727	1483	1147	953	884	10566	9419
Barley	23	8	194	74	55	17	47	13	24	4	343	116
Wheat/Barley	16	7	58	20	24	4	21	9	28	9	147	49
Millet	19	12	107	31	39	12	33	6	97	11	295	72
Gram	114	26	650	36	209	0	130	12	109	0	1212	74
Pea	0	0	11	0	6	1	0	0	34	1	51	2
Lentils	0	0	7	0	5	0	0	0	4	0	16	0
Pea/Lentil	9	0	47	0	9	0	16	0	5	0	86	0
Potatoes	1	1	102	92	46	32	42	42	39	18	230	185
Vegetables	11	0	61	0	14	0	11	0	8	0	105	0
Mustard	15	6	82	58	19	10	14	5	22	11	152	90
Berseem	4	0	31	0	10	0	15	0	5	0	65	0
Other Crop	0	0	6	0	1	0	0	0	5	0	12	0
Rabi Total	966	696	6921	5336	2248	1803	1812	1234	1333	938	13280	10007
Area Total	2366	807	12661	6620	4107	2195	3687	1585	2213	1008	25034	12215

Table E.20 Cultivated Crops by Soil Type in Purwa Area

Soil Type	Upland		Mid-up land		Midland		Mid-low land		Low land		Total	
	Total	Irrigated	Total	Irrigated	Total	Irrigated	Total	Irrigated	Total	Irrigated	Total	Irrigated
Paddy	45	15	2065	1460	417	356	814	453	1485	1228	4826	3512
Jowar	8	0	49	0	0	0	5	0	41	0	103	0
Jow/Peg	77	0	502	0	13	0	66	0	246	0	904	0
Maize	28	0	53	0	0	0	5	0	13	0	99	0
Gram	20	0	152	0	6	0	22	0	55	0	255	0
Plant&Rattoon	6	6	88	88	11	11	21	21	32	32	158	158
Vegetables	6	6	39	39	2	2	7	7	14	14	68	68
Pasture	2	0	98	0	0	0	9	0	32	0	141	0
other	0	0	52	0	7	0	4	0	21	0	84	0
Khalif Total	192	27	3098	1587	456	369	953	481	1939	1274	6638	3738
Wheat	221	219	2509	2332	262	261	685	658	1732	1657	5409	5127
Barley	33	30	279	217	4	3	39	37	258	233	613	520
Gojai	1	1	17	7	0	0	3	3	15	14	36	25
Bejhar	12	10	178	102	2	2	20	18	37	11	249	143
Gram	15	0	48	3	2	1	9	0	65	15	139	19
Pea	3	1	63	15	0	0	4	2	30	5	100	23
Vegetables	17	0	48	0	11	0	9	0	21	0	106	0
Potatoes	3	3	45	45	1	1	6	6	28	28	83	83
Rabi Total	305	264	3187	2721	282	268	775	724	2186	1963	6735	5940
Area Total	497	291	6285	4308	738	637	1728	1205	4125	3237	13373	9678

Table E.21 Identified Constraints on Agricultural Production in Lucknow Division

NO.	CONSTRAINTS	Wheat	Paddy	Sugar cane	Maize	Potato	Mustard	Pea	Gram	Green gram/Sorghum/Blackgram	Groundnut	Pea/soy Pea (Arhar)
1	I Lack of irrigation sources	X	X								X	
2	No knowledge about the quality of irrigation water to be applied	X	X									
3	Irrigation facility is not easily available	X	X									
4	Poor water management	X	X	X								
5	Poor management of drainage	X			X	X			X	X		X
6	Unavailability of suitable varieties for waterlogged conditions			X								
7	C Field preparation			X		X	X	X	X		X	X
8	No knowledge about latest crop rotations	X		X			X	X	X			
9	No use of culture									X		X
10	No use of dapam nursery		X									
11	Low seed rate per hectare for nursery		X									
12	Untimely plantings			X								
13	No proper distance between plant to plant and row to row			X								
14	Optimum plant population is not maintained						X	X	X			X
15	In some cases, over plant population causes overlapping of leaves & shortage of pollen drops in Glycine, lowers down the yield				X							
16	Lack of proper plant acclivity					X						
17	Late transplanting		X									
18	Improper transplanting of seedlings		X									
19	Broadcast method of sowing				X		X					
20	Low seed rate per hectare for direct sowing	X	X		X							
21	Sowing is not done at recommended time				X	X	X	X	X	X		
22	Old method of sowing and no suitable distance between row to row & plant to plant			X	X							
23	Thinning is not done at proper time/ Lack of proper thinning						X					X
24	Poor management of hoeing and weeding			X					X	X	X	X
25	Poor and untimely weed control	X	X	X	X	X			X	X	X	X
26	F No application of soil and seed treating chemicals	X	X	X	X	X					X	X
27	Application of fertilizers is not applied on the basic soil pH and regular use of chemical fertilizers	X										
28	Low application of fertilizer as basal and top dressing		X		X							
29	Use of imbalance dose of nitrogen							X	X			
30	Imbalance use of phosphate fertilizers										X	X
31	Poor knowledge about the application of sulphur, phosphate, borax, nitrogen, potash and calcium	X									X	X
32	Improper and imbalance use of fertilizers	X	X	X		X	X		X	X	X	X
33	Non adoption of seed treatments and application of rhizobium culture								X			
34	Poor knowledge about the application of micronutrients					X						X
35	No use of ZnSO ₄ to the paddy crop in acid soil		X									
36	Lack of using organic manures like P.Y.M. green manuring, cakes etc.	X										
37	S No proper selection of varieties according to the classification of the soil	X				X				X		
38	No knowledge of recent agricultural technology and improved varieties	X	X	X	X	X	X	X	X	X	X	X
39	Lack of suitable and high yielding varieties									X		
40	Early maturing varieties like Utes and T-21 are not being used											X
41	No knowledge about resistant variety of late and early blight					X						
42	Lack of powdery mildew resistant varieties							X				
43	No knowledge about aphids and sawfly resist varieties						X	X	X	X		
44	Use of poor quality of seeds	X				X	X	X	X	X		
45	O High selling rate of agricultural supplies and facilities	X				X						
46	High interest rate credit from bank	X										
47	Cheating with farmers at purchasing time by brokers			X								
48	By-products is having low selling rate, by the result farmers get low benefit			X								
49	Dependent on nature. (Rainy season)		X									
50	Poor management of cotton			X								
51	No proper knowledge about seed treatment and seed treating chemicals			X								
52	Uncertainty of natural conditions				X							
53	No application of hot weather cultivation					X						
54	Use of improper size and cut tubers					X						
55	Hot treatments is not being practiced					X						
56	Lower/ higher seed rate per hectare					X		X			X	
57	Mostly grown as mix cropping						X	X	X			
58	Unscientific mix cropping								X	X		X
59	P Poor and untimely control of diseases and insect pests						X					X
60	Improper, suitable arrangement against frost							X				
61	Non adoption of seed treatments and application of rhizobium culture								X	X	X	X
62	Cultivation on marginal land & in rainfed condition					X			X	X	X	X
63	Measure of infestations of early and late blight diseases					X						
64	Measure infestation of alternaria white rust and blight						X					
65	Susceptibility to wilt							X				
66	Susceptibility to yellow mosaic & insects								X			
67	Poor nitrification								X			
68	Attack of pod borer								X			
69	Attack of birds and rats on crop		X									
70	Lack of knowledge on how to control insect, pests and weeds diseases	X	X									
71	Measure problem of Redrot, Pythia and Rats			X								
72	Problem of powdery mildew & pod borer							X	X			
73	Measure attack of sawfly and aphids						X					
74	Major infestations of insect, pest & diseases									X		X
75	Problem of white grub										X	
76	Problem of Tikka disease										X	
77	Farmers don't have knowledge about KHAIRI diseases which is caused by Zinc deficiency, by the result they get poor yield		X									
78	Infestations of byd nichrosis											X
79	Ratooming leafless diseases			X								
80	Poor plant protection measure	X	X		X					X		

**Table E.22 Farm Budget under Present Condition in Sarojini Nagar Area (1/8)
- Marginal Farmer in Kharif season -**

Marginal Kharif		0.54 ha				0.01			
Paddy	0.59	Qty kg	Price Rs	Amount Rs	Oilseeds	0.01	Qty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		1915	1.88	3600	Main product		500	5.2	2600
By product				0	By product		350	0	0
Gross income				3600	Gross income				2600
2 Production cost					2 Production cost				
Seeds		30	1.88	15	Seeds		90	0	0
Fertilizers					Fertilizers				
N (66)		143	2.36	339	N (20)		44	2.36	104
P (10)		21	3.8	80	P (0)		0	3.8	0
K					K (0)		0		0
Agro-chemicals				3	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				282	Irrigation fee				0
Hired labour			0	0	Hired labour		30	0	0
Hired oxen				0	Hired oxen		0	0	0
Land rentals				0	Land rentals				0
Miscellaneous				36	Miscellaneous				5
Total cost				755	Total cost				109
3 Net income				2845	3 Net income				2491
		Qty kg	Price Rs	Amount Rs			Qty kg	Price Rs	Amount Rs
Jowar	0.17				Pulses	0.21			
1 Crop income					1 Crop income				
Main product		1500	1.88	2820	Main product		1200	6.9	8280
By product					By product				
Gross income				2820	Gross income				8280
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds		50	0	0
Fertilizers					Fertilizers				
N (30)		65	2.36	154	N (10)		22	2.36	52
P					P (20)		42	3.8	160
K					K				0
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				8	Miscellaneous				11
Total cost				162	Total cost				222
3 Net income				2658	3 Net income				8058
Total Income:	3855 ha basis								
	2082 net cultivated area basis								

Table E.22 Farm Budget under Present Condition in Sarojini Nagar Area (2/8)
- Small Farmer in Kharif season -

Small Kharif		1.09 ha							
Paddy	0.65	Q'ty kg	Price Rs	Amount Rs	Oilseeds	0	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		2108	1.88	3963	Main product		500	5.2	2600
By product				0	By product		0	0	0
Gross income				3963	Gross income				2600
2 Production cost					2 Production cost				
Seeds		9	1.88	18	Seeds		0	0	0
Fertilizers					Fertilizers				
N (74)		161	2.36	379	N (10)		0	2.36	0
P (10)		21	3.8	80	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				7	Agro-chemicals		0	0	0
Tools				0	Tools				0
Irrigation fee				260	Irrigation fee				0
Hired labour		37	18	673	Hired labour		0	0	0
Hired oxen				0	Hired oxen		0	0	0
Land rentals				0	Land rentals				0
Miscellaneous				71	Miscellaneous				0
Total cost				1486	Total cost				0
3 Net income				2477	3 Net income				2600
Jowar	0.12	Q'ty kg	Price Rs	Amount Rs	Pulses	0.23	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		1500	1.88	2820	Main product		1200	6.9	8280
By product					By product				
Gross income				2820	Gross income				8280
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds		12	0	0
Fertilizers					Fertilizers				
N (0)		0	2.36	0	N (0)		0	2.36	0
P					P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				0	Miscellaneous				0
Total cost				0	Total cost				0
3 Net income				2820	3 Net income				8280
Total Income:		3839 ha basis							
		4185 net cultivated area basis							

**Table E.22 Farm Budget under Present Condition in Sarojini Nagar Area (3/8)
- Semi-medium Farmer in Kharif season -**

Semi-Medium Kharif		1.53 ha							
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Paddy	0.51	kg	Rs	Rs	Oilseeds	0.05	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		1885	1.88	3544	Main product		500	5.2	2600
By product				0	By product		350	0	0
Gross income				3544	Gross income				2600
2 Production cost					2 Production cost				
Seeds		18	1.88	34	Seeds		20	0	0
Fertilizers					Fertilizers				
N (67)		147	2.36	346	N (0)		0	2.36	0
P (5)		10	3.8	35	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				7	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				256	Irrigation fee				0
Hired labour		81	18	1453	Hired labour		30	0	0
Hired oxen				0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				107	Miscellaneous				0
Total cost				2238	Total cost				0
3 Net income				1306	3 Net income				2600
<hr/>									
Jowar	0.27	kg	Price	Amount	Pulses	0.17	kg	Price	Amount
			Rs	Rs				Rs	Rs
1 Crop income					1 Crop income				
Main product		1500	1.88	2820	Main product		1200	6.9	8280
By product					By product				
Gross income				2820	Gross income				8280
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds		12	0	0
Fertilizers					Fertilizers				
N (0)		0	2.36	0	N (0)		0	2.36	0
P					P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				0	Miscellaneous				0
Total cost				0	Total cost				0
3 Net income				2820	3 Net income				8280
<hr/>									
Total Income:	2979 ha basis								
	4558 net cultivated area basis								

**Table E.22 Farm Budget under Present Condition in Sarojini Nagar Area (4/8)
- Medium Farmer in Kharif season -**

Medium Kharif		2.53 ha							
Paddy	0.44	Qty kg	Price Rs	Amount Rs	Oilseeds	0.01	Qty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		2585	1.88	4860	Main product		500	5.2	2600
By product				0	By product		350	0	0
Gross income				4860	Gross income				2600
2 Production cost					2 Production cost				
Seeds		50	1.88	94	Seeds		20	0	0
Fertilizers					Fertilizers				
N (66)		143	2.36	337	N (0)		0	2.36	0
P (26)		54	3.8	205	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				7	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				238	Irrigation fee				0
Hired labour		118	18	2121	Hired labour		30	0	0
Hired oxen				0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				150	Miscellaneous				0
Total cost				3153	Total cost				0
3 Net income				1707	3 Net income				2600
<hr/>									
Jowar	0.25	Qty kg	Price Rs	Amount Rs	Pulses	0.28	Qty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		1500	1.88	2820	Main product		1200	6.9	8280
By product					By product				
Gross income				2820	Gross income				8280
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds		12	0	0
Fertilizers					Fertilizers				
N (0)		0	2.36	0	N (0)		0	2.36	0
P					P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				0	Miscellaneous				0
Total cost				0	Total cost				0
3 Net income				2820	3 Net income				8280
<hr/>									
Total Income:	3809 ha basis								
	9636 net cultivated area basis								

Table E.22 Farm Budget under Present Condition in Sarojini Nagar Area (5/8)
- Marginal Farmer in Rabi season -

Marginal Rabi		0.58 ha			0.08		0.08		
Wheat	0.75	Q'ty kg	Price Rs	Amount Rs	Oilseeds	0.08	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		1850	2.31	4274	Main product		600	6.5	3900
By product				0	By product		350	0	0
Gross income				4274	Gross income				3900
2 Production cost					2 Production cost				
Seeds		30	2.31	135	Seeds		30	0	0
Fertilizers					Fertilizers				
N (70)		153	2.36	361	N (20)		44	2.36	104
P (35)		73	3.8	277	P (5)		11	3.8	42
K				1	K (0)		0		0
Agro-chemicals				0	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				282	Irrigation fee				0
Hired labour		30	0	0	Hired labour		30	0	0
Hired oxen		15		0	Hired oxen		0	0	0
Land rentals				0	Land rentals				0
Miscellaneous				53	Miscellaneous				7
Total cost				1110	Total cost				153
3 Net income				3164	3 Net income				3747
Potatoes		0.04			Pulses		0.12		
		Q'ty kg	Price Rs	Amount Rs			Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		16300	0.7	11410	Main product		900	5.5	4950
By product					By product				
Gross income				11410	Gross income				4950
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds		50	0	0
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (5)		11	2.36	26
P (40)		83	3.8	317	P (10)		21	3.8	80
K					K				
Agro-chemicals				0	Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		50	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				116	Miscellaneous				5
Total cost				2439	Total cost				111
3 Net income				8971	3 Net income				4839
Total Income:	3561 ha basis								
	2065 net cultivated area basis								

Table E.22 Farm Budget under Present Condition in Sarojini Nagar Area (6/8)
- Small Farmer in Rabi season -

Small Rabi		1.21 ha			Oilseeds		0.08		
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Wheat	0.73	kg	Rs	Rs		kg	Rs	Rs	
1 Crop income					1 Crop income				
Main product		2371	2.31	5477	Main product	600	6.5	3900	
By product				0	By product	350	0	0	
Gross income				5477	Gross income			3900	
2 Production cost					2 Production cost				
Seeds		43	2.31	99	Seeds	30	0	0	
Fertilizers					Fertilizers				
N (79)		172	2.36	406	N (0)	0	2.36	0	
P (37)		78	3.8	296	P (0)	0	3.8	0	
K					K (0)	0			
Agro-chemicals				2	Agro-chemicals	20	0	0	
Tools				0	Tools			0	
Irrigation fee				260	Irrigation fee			0	
Hired labour		28	18	502	Hired labour	30	0	0	
Hired oxen				0	Hired oxen	10	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				78	Miscellaneous			0	
Total cost				1643	Total cost			0	
3 Net income				3834	3 Net income			3900	
Potatoes		0.04			Pulses		0.13		
		kg	Rs	Rs		kg	Rs	Rs	
1 Crop income					1 Crop income				
Main product		16300	0.7	11410	Main product	900	5.5	4950	
By product					By product				
Gross income				11410	Gross income			4950	
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds	12	0	0	
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (0)	0	2.36	0	
P (40)		83	3.8	317	P (0)	0	3.8	0	
K					K				
Agro-chemicals					Agro-chemicals			0	
Tools				0	Tools			0	
Irrigation fee				0	Irrigation fee			0	
Hired labour		15	0	0	Hired labour	60	0	0	
Hired oxen		10	0	0	Hired oxen	30	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				116	Miscellaneous			0	
Total cost				2439	Total cost			0	
3 Net income				8971	3 Net income			4950	
Total Income:	4080 ha basis								
	4936 net cultivated area basis								

Table E.22 Farm Budget under Present Condition in Sarojini Nagar Area (7/8)
- Semi-medium Farmer in Rabi season -

Semi-Medium Rabi		1.79 ha							
Wheat	0.69	Q'ty kg	Price Rs	Amount Rs	Oilseeds	0.08	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		2108	2.31	4869	Main product		600	6.5	3900
By product				0	By product		350	0	0
Gross income				4869	Gross income				3900
2 Production cost					2 Production cost				
Seeds		79	2.31	182	Seeds		30	0	0
Fertilizers					Fertilizers				
N (69)		149	2.36	352	N (0)		0	2.36	0
P (37)		77	3.8	293	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				2	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				256	Irrigation fee				0
Hired labour		58	18	1036	Hired labour		30	0	0
Hired oxen		15		0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				106	Miscellaneous				0
Total cost				2226	Total cost				0
3 Net income				2643	3 Net income				3900
Potatoes	0.03	Q'ty kg	Price Rs	Amount Rs	Pulses	0.17	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		16300	0.7	11410	Main product		900	5.5	4950
By product					By product				
Gross income				11410	Gross income				4950
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds		12	0	0
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (0)		0	2.36	0
P (40)		83	3.8	317	P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				116	Miscellaneous				0
Total cost				2439	Total cost				0
3 Net income				8971	3 Net income				4950
Total Income:	3270 ha basis								
	5854 net cultivated area basis								

**Table E.22 Farm Budget under Present Condition in Sarojini Nagar Area (8/8)
- Medium Farmer in Rabi season -**

Medium Rabi		3.96 ha							
Wheat	0.603	Qty kg	Price Rs	Amount Rs	Oilseeds	0.07	Qty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		2352	2.31	5433	Main product		600	6.5	3900
By product				0	By product		350	0	0
Gross income				5433	Gross income				3900
2 Production cost					2 Production cost				
Seeds		139	2.31	322	Seeds		30	0	0
Fertilizers					Fertilizers				
N (89)		193	2.36	456	N (0)		0	2.36	0
P (36)		76	3.8	289	P (0)		0	3.8	0
K				0	K (0)		0		0
Agro-chemicals				0	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				238	Irrigation fee				0
Hired labour		84	18	1516	Hired labour		30	0	0
Hired oxen				0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				141	Miscellaneous				0
Total cost				2961	Total cost				0
3 Net income				2472	3 Net income				3900
Potatoes	0.098	Qty kg	Price Rs	Amount Rs	Pulses	0.2	Qty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		16300	0.7	11410	Main product		900	5.5	4950
By product					By product				
Gross income				11410	Gross income				4950
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds		12	0	0
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (0)		0	2.36	0
P (40)		83	3.8	317	P (0)		0	3.8	0
K				0	K				0
Agro-chemicals				0	Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				116	Miscellaneous				0
Total cost				2439	Total cost				0
3 Net income				8971	3 Net income				4950
Total Income:	3606 ha basis								
	14280 net cultivated area basis								

Table E.23 Farm Budget under Present Condition in Sataon Area (1/8)
- Marginal Farmer in Kharif season -

Marginal Kharif		0.38 ha			Oilseeds		0		
		Q'ty	Price	Amount			Q'ty	Price	Amount
Paddy	0.86	kg	Rs	Rs			kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		2031	1.88	3818	Main product		500	5.2	2600
By product				0	By product		350	0	0
Gross income				3818	Gross income				2600
2 Production cost					2 Production cost				
Seeds		30	0	64	Seeds		90	0	0
Fertilizers					Fertilizers				
N (87)		188	2.36	445	N (20)		44	2.36	104
P (20)		42	3.8	160	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				22	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				756	Irrigation fee				0
Hired labour		185	0	0	Hired labour		30	0	0
Hired oxen				0	Hired oxen		0	0	0
Land rentals				0	Land rentals				0
Miscellaneous				72	Miscellaneous				5
Total cost				1518	Total cost				109
3 Net income				2300	3 Net income				2491
<hr/>									
		Q'ty	Price	Amount			Q'ty	Price	Amount
Jowar	0.09	kg	Rs	Rs	Pulses	0.05	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		1100	1.88	2068	Main product		800	6.9	5520
By product					By product				
Gross income				2068	Gross income				5520
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds		50	0	0
Fertilizers					Fertilizers				
N (30)		65	2.36	154	N (10)		22	2.36	52
P					P (20)		42	3.8	160
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		30	0	0	Hired labour		60	0	0
Hired oxen		5	0	0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				8	Miscellaneous				11
Total cost				162	Total cost				222
3 Net income				1906	3 Net income				5298
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Total Income:	2396 ha basis								
	910 net cultivated area basis								

Table E.23 Farm Budget under Present Condition in Sataon Area (2/8)
- Small Farmer in Kharif season -

Small Kharif		0.62 ha							
Paddy	0.87	Q'ty kg	Price Rs	Amount Rs	Oilseeds	0	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		1850	1.88	3478	Main product		0	5.2	0
By product				0	By product		0	0	0
Gross income				3478	Gross income				0
2 Production cost					2 Production cost				
Seeds		68	1.88	127	Seeds		0	0	0
Fertilizers					Fertilizers				
N (92)		200	2.36	472	N (10)		0	2.36	0
P (15)		32	3.8	122	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				34	Agro-chemicals		0	0	0
Tools				0	Tools				0
Irrigation fee				515	Irrigation fee				0
Hired labour		28	18	499	Hired labour		0	0	0
Hired oxen				0	Hired oxen		0	0	0
Land rentals				0	Land rentals				0
Miscellaneous				88	Miscellaneous				0
Total cost				1857	Total cost				0
3 Net income				1621	3 Net income				0
Jowar	0.09	Q'ty kg	Price Rs	Amount Rs	Pulses	0.04	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		1100	1.88	2068	Main product		800	6.9	5520
By product					By product				
Gross income				2068	Gross income				5520
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds		12	0	0
Fertilizers					Fertilizers				
N (0)		0	2.36	0	N (0)		0	2.36	0
P			3.8		P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				0	Miscellaneous				0
Total cost				0	Total cost				0
3 Net income				2068	3 Net income				5520
Total Income:	1811 ha basis								
	1123 net cultivated area basis								

**Table E.23 Farm Budget under Present Condition in Sataon Area (3/8)
- Semi-medium Farmer in Kharif season -**

Semi-Medium Kharif		1.18 ha							
Paddy	0.82	Q'ty kg	Price Rs	Amount Rs	Oilseeds	0	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		2798	1.88	5260	Main product		0	5.2	0
By product				0	By product		0	0	0
Gross income				5260	Gross income				0
2 Production cost					2 Production cost				
Seeds		31	1.88	58	Seeds		20	0	0
Fertilizers					Fertilizers				
N (86)		187	2.36	442	N (0)		0	2.36	0
P (28)		59	3.8	224	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				13	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				491	Irrigation fee				0
Hired labour		69	18	1244	Hired labour		30	0	0
Hired oxen				0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				124	Miscellaneous				0
Total cost				2596	Total cost				0
3 Net income				2665	3 Net income				0
<hr/>									
Jowar	0.13	Q'ty kg	Price Rs	Amount Rs	Pulses	0.05	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		1100	1.88	2068	Main product		800	6.9	5520
By product					By product				
Gross income				2068	Gross income				5520
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds		12	0	0
Fertilizers					Fertilizers				
N (0)		0	2.36	0	N (0)		0	2.36	0
P			3.8		P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				0	Miscellaneous				0
Total cost				0	Total cost				0
3 Net income				2068	3 Net income				5520
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Total Income:	2725 ha basis								
	3215 net cultivated area basis								

Table E.23 Farm Budget under Present Condition in Sataon Area (4/8)
- Medium Farmer in Kharif season -

Medium Kharif		2.34 ha							
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Paddy	0.71	kg	Rs	Rs	Oilseeds	0	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		2460	1.88	4625	Main product	0	5.2	0	
By product				0	By product	0	0	0	
Gross income				4625	Gross income				0
2 Production cost					2 Production cost				
Seeds		53	1.88	100	Seeds	0	0	0	
Fertilizers					Fertilizers				
N (108)		234	2.36	552	N (0)	0	2.36	0	
P (27)		56	3.8	214	P (0)	0	3.8	0	
K					K (0)	0			
Agro-chemicals				46	Agro-chemicals	0	0	0	
Tools				0	Tools			0	
Irrigation fee				333	Irrigation fee			0	
Hired labour		78	18	1405	Hired labour	30	0	0	
Hired oxen				0	Hired oxen	10	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				132	Miscellaneous			0	
Total cost				2781	Total cost			0	
3 Net income				1843	3 Net income				0
<hr/>									
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Jowar	0.28	kg	Rs	Rs	Pulses	0.01	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		1100	1.88	2068	Main product	800	6.9	5520	
By product					By product				
Gross income				2068	Gross income				5520
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds	12	0	0	
Fertilizers					Fertilizers				
N (0)		0	2.36	0	N (0)	0	2.36	0	
P					P (0)	0	3.8	0	
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15		0	Hired labour	60			0
Hired oxen		10		0	Hired oxen	30			0
Land rentals				0	Land rentals				0
Miscellaneous				0	Miscellaneous				0
Total cost				0	Total cost				0
3 Net income				2068	3 Net income				5520
<hr/>									
Total Income:	1936 ha basis								
	4531 net cultivated area basis								

Table E.23 Farm Budget under Present Condition in Sataon Area (5/8)
- Marginal Farmer in Rabi season -

Marginal Rabi		0.58 ha			0.08				
Wheat	0.76	Q'ty kg	Price Rs	Amount Rs	Oilseeds	0.08	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		2189	2.31	5057	Main product		600	6.5	3900
By product				0	By product		350	0	0
Gross income				5057	Gross income				3900
2 Production cost					2 Production cost				
Seeds		111	2.31	256	Seeds		5	0	0
Fertilizers					Fertilizers				
N (81)		176	2.36	416	N (20)		44	2.36	104
P (41)		84	3.8	317	P (5)		11	3.8	42
K					K (0)		0		0
Agro-chemicals				10	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				756	Irrigation fee				0
Hired labour		30	0	0	Hired labour		30	0	0
Hired oxen		15		0	Hired oxen		0	0	0
Land rentals				0	Land rentals				0
Miscellaneous				88	Miscellaneous				7
Total cost				1843	Total cost				153
3 Net income				3214	3 Net income				3747
Potatoes		0.07			Pulses		0.1		
		Q'ty kg	Price Rs	Amount Rs			Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		9300	0.7	6510	Main product		400	5.5	2200
By product					By product				
Gross income				6510	Gross income				2200
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds		50	0	0
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (5)		11	2.36	26
P (40)		83	3.8	317	P (10)		21	3.8	80
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		50	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				116	Miscellaneous				5
Total cost				2439	Total cost				111
3 Net income				4071	3 Net income				2089
Total Income:	3220 ha basis								
	1868 net cultivated area basis								

Table E.23 Farm Budget under Present Condition in Sataon Area (6/8)
- Small Farmer in Rabi season -

Small Rabi		0.88 ha							
Wheat	0.8	Q'ty kg	Price Rs	Amount Rs	Oilseeds	0.09	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		2133	2.31	4927	Main product		600	6.5	3900
By product				0	By product		350	0	0
Gross income				4927	Gross income				3900
2 Production cost					2 Production cost				
Seeds		158	2.31	366	Seeds		30	0	0
Fertilizers					Fertilizers				
N (75)		163	2.36	385	N (0)		0	2.36	0
P (32)		68	3.8	258	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				23	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				515	Irrigation fee				0
Hired labour		19	18	351	Hired labour		30	0	0
Hired oxen				0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				95	Miscellaneous				0
Total cost				1992	Total cost				0
3 Net income				2935	3 Net income				3900
Potatoes	0.02	Q'ty kg	Price Rs	Amount Rs	Pulses	0.09	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		9300	0.7	6510	Main product		400	5.5	2200
By product					By product				
Gross income				6510	Gross income				2200
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds		12	0	0
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (0)		0	2.36	0
P (40)		83	3.8	317	P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				116	Miscellaneous				0
Total cost				2439	Total cost				0
3 Net income				4071	3 Net income				2200
Total Income:	2968 ha basis								
	2612 net cultivated area basis								

**Table E.23 Farm Budget under Present Condition in Sataon Area (7/8)
- Semi-medium Farmer in Rabi season -**

Semi-Medium Rabi		1.69 ha							
		Qty	Price	Amount		Qty	Price	Amount	
Wheat	0.77	kg	Rs	Rs	Oilseeds	0.09	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		2744	2.31	6339	Main product		600	6.5	3900
By product				0	By product		350	0	0
Gross income				6339	Gross income				3900
2 Production cost					2 Production cost				
Seeds		45	2.31	105	Seeds		30	0	0
Fertilizers					Fertilizers				
N (110)		240	2.36	566	N (0)		0	2.36	0
P (42)		86	3.8	327	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				8	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				491	Irrigation fee				0
Hired labour		50	18	900	Hired labour		30	0	0
Hired oxen		15		0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				120	Miscellaneous				0
Total cost				2516	Total cost				0
3 Net income				3823	3 Net income				3900
Potatoes	0.02	Qty	Price	Amount	Pulses	0.1	Qty	Price	Amount
		kg	Rs	Rs			kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		9300	0.7	6510	Main product		400	5.5	2200
By product					By product				
Gross income				6510	Gross income				2200
2 Production cost					2 Production cost				
Seeds		100	0.7	70	Seeds		12	0	0
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (0)		0	2.36	0
P (40)		83	3.8	317	P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				32	Miscellaneous				0
Total cost				675	Total cost				0
3 Net income				5835	3 Net income				2200
Total Income:	3614 ha basis								
	6108 net cultivated area basis								

Table E.23 Farm Budget under Present Condition in Sataon Area (8/8)
- Medium Farmer in Rabi season -

Medium Rabi		3.3 ha							
Wheat	0.692	Q'ty kg	Price Rs	Amount Rs	Oilseeds	0.08	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		2475	2.31	5717	Main product		600	6.5	3900
By product				0	By product		350	0	0
Gross income				5717	Gross income				3900
2 Production cost					2 Production cost				
Seeds		44	2.31	102	Seeds		30	0	0
Fertilizers					Fertilizers				
N (135)		295	2.36	696	N (0)		0	2.36	0
P (54)		113	3.8	428	P (0)		0	3.8	0
K				0	K (0)		0		0
Agro-chemicals				0	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				333	Irrigation fee				0
Hired labour		55	18	998	Hired labour		30	0	0
Hired oxen		15		0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				128	Miscellaneous				0
Total cost				2685	Total cost				0
3 Net income				3033	3 Net income				3900
Potatoes	0.061	Q'ty kg	Price Rs	Amount Rs	Pulses	0.17	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		9300	0.7	6510	Main product		400	5.5	2200
By product					By product				
Gross income				6510	Gross income				2200
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds		12	0	0
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (0)		0	2.36	0
P (40)		83	3.8	317	P (0)		0	3.8	0
K				0	K				0
Agro-chemicals				0	Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				116	Miscellaneous				0
Total cost				2439	Total cost				0
3 Net income				4071	3 Net income				2200
Total Income:	3052 ha basis				10071 net cultivated area basis				

Table E.24 Farm Budget under Present Condition in Sursa Area (1/12)
- Marginal Farmer in Kharif season -

Marginal Kharif		0.48 ha					0.05		
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Paddy	0.53	kg	Rs	Rs	Oilseeds	kg	Rs	Rs	
1 Crop income					1 Crop income				
Main product		2606	1.88	4899	Main product	700	5.2	3640	
By product				0	By product	350	0	0	
Gross income				4899	Gross income			3640	
2 Production cost					2 Production cost				
Seeds		30	1.88	88	Seeds	50	0	0	
Fertilizers					Fertilizers				
N (110)		239	2.36	563	N (20)	44	2.36	104	
P (6)		14	3.8	53	P (0)	0	3.8	0	
K				6	K (0)	0		0	
Agro-chemicals				0	Agro-chemicals	0	0	0	
Tools				0	Tools			0	
Irrigation fee				287	Irrigation fee			0	
Hired labour		185	0	0	Hired labour	30	0	0	
Hired oxen				0	Hired oxen	0	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				50	Miscellaneous			5	
Total cost				1047	Total cost			109	
3 Net income				3852	3 Net income			3531	
		Q'ty	Price	Amount			Q'ty	Price	Amount
Jowar	0.38	kg	Rs	Rs	Pulses	0.04	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		1500	1.88	2820	Main product	700	6.9	4830	
By product					By product				
Gross income				2820	Gross income			4830	
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds	50	0	0	
Fertilizers					Fertilizers				
N (30)		65	2.36	154	N (10)	22	2.36	52	
P					P (20)	42	3.8	160	
K					K				
Agro-chemicals					Agro-chemicals			0	
Tools				0	Tools			0	
Irrigation fee				0	Irrigation fee			0	
Hired labour		30	0	0	Hired labour	60	0	0	
Hired oxen		5	0	0	Hired oxen	10	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				8	Miscellaneous			11	
Total cost				162	Total cost			222	
3 Net income				2658	3 Net income			4608	
Total Income:	3390 ha basis								
	1627 net cultivated area basis								

Table E.24 Farm Budget under Present Condition in Sursa Area (2/12)
- Small Farmer in Kharif season -

Small Kharif		0.85 ha							
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Paddy	0.51	kg	Rs	Rs	Oilseeds	0.07	kg	Rs	
1 Crop income					1 Crop income				
Main product		2698	1.88	5072	Main product		700	5.2	
By product				0	By product		0	0	
Gross income				5072	Gross income			3640	
2 Production cost					2 Production cost				
Seeds		22	1.88	42	Seeds		0	0	
Fertilizers					Fertilizers				
N (73)		159	2.36	375	N (10)		0	2.36	
P (13)		26	3.8	99	P (0)		0	3.8	
K					K (0)		0		
Agro-chemicals				2	Agro-chemicals		0	0	
Tools				0	Tools			0	
Irrigation fee				186	Irrigation fee			0	
Hired labour		50	18	896	Hired labour		0	0	
Hired oxen				0	Hired oxen		0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				80	Miscellaneous			0	
Total cost				1680	Total cost			0	
3 Net income				3393	3 Net income			3640	
<hr/>					<hr/>				
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Jowar	0.38	kg	Rs	Rs	Pulses	0.03	kg	Rs	
1 Crop income					1 Crop income				
Main product		1500	1.88	2820	Main product		700	6.9	
By product					By product				
Gross income				2820	Gross income			4830	
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds		12	0	
Fertilizers					Fertilizers				
N (0)		0	2.36	0	N (0)		0	2.36	
P					P (0)		0	3.8	
K					K				
Agro-chemicals					Agro-chemicals			0	
Tools				0	Tools			0	
Irrigation fee				0	Irrigation fee			0	
Hired labour		15	0	0	Hired labour		60	0	
Hired oxen		10	0	0	Hired oxen		30	0	
Land rentals				0	Land rentals			0	
Miscellaneous				0	Miscellaneous			0	
Total cost				0	Total cost			0	
3 Net income				2820	3 Net income			4830	
<hr/>					<hr/>				
Total Income:	3200 ha basis				2720 net cultivated area basis				

Table E.24 Farm Budget under Present Condition in Sursa Area (3/12)
- Semi-medium Farmer in Kharif season -

Semi-Medium Kharif		1.84 ha							
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Paddy	0.58	kg	Rs	Rs	Oilseeds	0.1	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		2798	1.88	5260	Main product		700	5.2	3640
By product				0	By product		0	0	0
Gross income				5260	Gross income				3640
2 Production cost					2 Production cost				
Seeds		43	1.88	81	Seeds		20	0	0
Fertilizers					Fertilizers				
N (110)		236	2.36	557	N (0)		0	2.36	0
P (7)		15	3.8	57	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				5	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				184	Irrigation fee				0
Hired labour		101	18	1815	Hired labour		30	0	0
Hired oxen				0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				135	Miscellaneous				0
Total cost				2835	Total cost				0
3 Net income				2425	3 Net income				3640
Jowar	0.18	kg	Price	Amount	Pulses	0.07	kg	Price	Amount
			Rs	Rs				Rs	Rs
1 Crop income					1 Crop income				
Main product		1500	1.88	2820	Main product		700	6.9	4830
By product					By product				
Gross income				2820	Gross income				4830
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds		12	0	0
Fertilizers					Fertilizers				
N (0)		0	2.36	0	N (0)		0	2.36	0
P					P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				0	Miscellaneous				0
Total cost				0	Total cost				0
3 Net income				2820	3 Net income				4830
Total Income:	2629 ha basis								
	4838 net cultivated area basis								

Table E.24 Farm Budget under Present Condition in Sursa Area (4/12)
- Medium Farmer in Kharif season -

Medium Kharif		2.88 ha							
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Paddy	0.37	kg	Rs	Rs	Oilseeds	0.2	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		2691	1.88	5059	Main product		700	5.2	3640
By product				0	By product		0	0	0
Gross income				5059	Gross income				3640
2 Production cost					2 Production cost				
Seeds		6	1.88	10	Seeds		0	0	0
Fertilizers					Fertilizers				
N (84)		182	2.36	431	N (0)		0	2.36	0
P (6)		14	3.8	53	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				11	Agro-chemicals		0	0	0
Tools				0	Tools				0
Irrigation fee				185	Irrigation fee				0
Hired labour		129	18	2328	Hired labour		30	0	0
Hired oxen				0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				151	Miscellaneous				0
Total cost				3169	Total cost				0
3 Net income				1890	3 Net income				3640
<hr/>									
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Jowar	0.37	kg	Rs	Rs	Pulses	0.03	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		1500	1.88	2820	Main product		700	6.9	4830
By product					By product				
Gross income				2820	Gross income				4830
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds		12	0	0
Fertilizers					Fertilizers				
N (0)		0	2.36	0	N (0)		0	2.36	0
P					P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				0	Miscellaneous				0
Total cost				0	Total cost				0
3 Net income				2820	3 Net income				4830
<hr/>									
Total Income:	2632 ha basis								
	7579 net cultivated area basis								

Table E.24 Farm Budget under Present Condition in Sursa Area (5/12)
- Marginal Farmer in Rabi season -

Marginal Rabi		0.53 ha							
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Wheat	0.81	kg	Rs	Rs	Oilseeds	0.09	kg	Rs	
1 Crop income					1 Crop income				
Main product		2297	2.31	5306	Main product		700	6.5	
By product				0	By product		350	0	
Gross income				5306	Gross income			4550	
2 Production cost					2 Production cost				
Seeds		178	2.31	411	Seeds		5	0	
Fertilizers					Fertilizers				
N (97)		211	2.36	498	N (20)		44	2.36	
P (42)		89	3.8	336	P (5)		11	3.8	
K					K (0)		0		
Agro-chemicals				5	Agro-chemicals		20	0	
Tools				0	Tools			0	
Irrigation fee				287	Irrigation fee			0	
Hired labour		30	0	0	Hired labour		30	0	
Hired oxen		15		0	Hired oxen		0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				77	Miscellaneous			7	
Total cost				1613	Total cost			153	
3 Net income				3693	3 Net income			4397	
Potatoes	0.03	kg	Rs	Rs	Pulses	0.05	kg	Rs	
1 Crop income					1 Crop income				
Main product		17400	0.7	12180	Main product		700	5.5	
By product					By product				
Gross income				12180	Gross income			3850	
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds		50	0	
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (5)		11	2.36	
P (40)		83	3.8	317	P (10)		21	3.8	
K					K				
Agro-chemicals					Agro-chemicals			0	
Tools				0	Tools			0	
Irrigation fee				0	Irrigation fee			0	
Hired labour		15	0	0	Hired labour		60	0	
Hired oxen		10	0	0	Hired oxen		10	0	
Land rentals				0	Land rentals			0	
Miscellaneous				116	Miscellaneous			5	
Total cost				2439	Total cost			111	
3 Net income				9741	3 Net income			3739	
Total Income:	3827 ha basis								
	2028 net cultivated area basis								

Table E.24 Farm Budget under Present Condition in Sursa Area (6/12)
- Small Farmer in Rabi season -

Small Rabi		1.09 ha			Oilseeds		0.09				
	Q'ty	Price	Amount		Q'ty	Price	Amount				
Wheat	0.77	kg	Rs	Rs		kg	Rs	Rs			
1 Crop income					1 Crop income						
Main product	2509	2.31	5796		Main product	700	6.5	4550			
By product			0		By product	350	0	0			
Gross income			5796		Gross income			4550			
2 Production cost					2 Production cost						
Seeds	42	2.31	97		Seeds	30	0	0			
Fertilizers					Fertilizers						
N (105)	229	2.36	541		N (0)	0	2.36	0			
P (50)	104	3.8	395		P (0)	0	3.8	0			
K					K (0)	0					
Agro-chemicals			2		Agro-chemicals	20	0	0			
Tools			0		Tools			0			
Irrigation fee			186		Irrigation fee			0			
Hired labour	36	18	654		Hired labour	30	0	0			
Hired oxen	15		0		Hired oxen	10	0	0			
Land rentals			0		Land rentals			0			
Miscellaneous			94		Miscellaneous			0			
Total cost			1968		Total cost			0			
3 Net income			3828		3 Net income			4550			
Potatoes		0.05	kg	Rs	Rs	Pulses		0.05	kg	Rs	Rs
1 Crop income						1 Crop income					
Main product	17400	0.7	12180		Main product	700	5.5	3850			
By product					By product						
Gross income			12180		Gross income			3850			
2 Production cost					2 Production cost						
Seeds	2500	0.7	1750		Seeds	12	0	0			
Fertilizers					Fertilizers						
N (50)	109	2.36	257		N (0)	0	2.36	0			
P (40)	83	3.8	317		P (0)	0	3.8	0			
K					K						
Agro-chemicals					Agro-chemicals						0
Tools			0		Tools						0
Irrigation fee			0		Irrigation fee						0
Hired labour	15	0	0		Hired labour	60	0	0			0
Hired oxen	10	0	0		Hired oxen	30	0	0			0
Land rentals			0		Land rentals						0
Miscellaneous			116		Miscellaneous						0
Total cost			2439		Total cost						0
3 Net income			9741		3 Net income			3850			
Total Income:	4045 ha basis				4409 net cultivated area basis						

Table E.24 Farm Budget under Present Condition in Sursa Area (7/12)
- Semi-medium Farmer in Rabi season -

Semi-Medium Rabi		1.97 ha							
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Wheat	0.79	kg	Rs	Rs	Oilseeds	0.09	kg	Rs	
1 Crop income					1 Crop income				
Main product		2420	2.31	5590	Main product		700	6.5	
By product				0	By product		350	0	
Gross income				5590	Gross income			4550	
2 Production cost					2 Production cost				
Seeds		73	2.31	169	Seeds		30	0	
Fertilizers					Fertilizers				
N (99)		215	2.36	508	N (0)		0	2.36	
P (39)		81	3.8	309	P (0)		0	3.8	
K					K (0)		0		
Agro-chemicals				15	Agro-chemicals		20	0	
Tools				0	Tools			0	
Irrigation fee				184	Irrigation fee			0	
Hired labour		71	18	1278	Hired labour		30	0	
Hired oxen		15		0	Hired oxen		10	0	
Land rentals				0	Land rentals			0	
Miscellaneous				123	Miscellaneous			0	
Total cost				2586	Total cost			0	
3 Net income				3004	3 Net income			4550	
Potatoes		0.03			Pulses		0.07		
		kg	Rs	Rs		kg	Rs	Rs	
1 Crop income					1 Crop income				
Main product		17400	0.7	12180	Main product		700	5.5	
By product					By product				
Gross income				12180	Gross income			3850	
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds		12	0	
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (0)		0	2.36	
P (40)		83	3.8	317	P (0)		0	3.8	
K					K				
Agro-chemicals					Agro-chemicals			0	
Tools				0	Tools			0	
Irrigation fee				0	Irrigation fee			0	
Hired labour		15	0	0	Hired labour		60	0	
Hired oxen		10	0	0	Hired oxen		30	0	
Land rentals				0	Land rentals			0	
Miscellaneous				116	Miscellaneous			0	
Total cost				2439	Total cost			0	
3 Net income				9741	3 Net income			3850	
Total Income:	3356 ha basis								
	6612 net cultivated area basis								

Table E.24 Farm Budget under Present Condition in Sursa Area (8/12)
- Medium Farmer in Rabi season -

Medium Rabi		4.92 ha							
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Wheat	0.763	kg	Rs	Rs	Oilseeds	0.08	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		2311	2.31	5338	Main product		700	6.5	4550
By product				0	By product		350	0	0
Gross income				5338	Gross income				4550
2 Production cost					2 Production cost				
Seeds		46	2.31	105	Seeds		30	0	0
Fertilizers					Fertilizers				
N (79)		173	2.36	407	N (0)		0	2.36	0
P (46)		96	3.8	364	P (0)		0	3.8	0
K				0	K (0)		0		0
Agro-chemicals				0	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				185	Irrigation fee				0
Hired labour		94	18	1690	Hired labour		30	0	0
Hired oxen		15		0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				138	Miscellaneous				0
Total cost				2889	Total cost				0
3 Net income				2450	3 Net income				4550
Potatoes		0.058			Pulses		0.06		
		kg	Rs	Rs		kg	Rs	Rs	
1 Crop income					1 Crop income				
Main product		17400	0.7	12180	Main product		700	5.5	3850
By product					By product				
Gross income				12180	Gross income				3850
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds		12	0	0
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (0)		0	2.36	0
P (40)		83	3.8	317	P (0)		0	3.8	0
K				0	K				0
Agro-chemicals				0	Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				116	Miscellaneous				0
Total cost				2439	Total cost				0
3 Net income				9741	3 Net income				3850
Total Income:		3067 ha basis							
		15089 net cultivated area basis							

Table E.24 Farm Budget under Present Condition in Sursa Area (9/12)
- Marginal Sugarcane Farmer -

Marginal Perennial		0.04 ha							
Sugarcane	1	Q'ty kg	Price Rs	Amount Rs	0	Q'ty kg	Price Rs	Amount Rs	
1 Crop income					1 Crop income				
Main product		26000	0.31	8060	Main product	0	6.5	0	
By product				0	By product	0	0	0	
Gross income				8060	Gross income			0	
2 Production cost					2 Production cost				
Seeds		2000	0	272	Seeds	90	0	0	
Fertilizers					Fertilizers				
N (73)		159	2.36	374	N (0)	0	2.36	0	
P (38)		79	3.8	301	P (0)	0	3.8	0	
K					K (0)	0			
Agro-chemicals				28	Agro-chemicals	20	0	0	
Tools				0	Tools			0	
Irrigation fee				0	Irrigation fee			0	
Hired labour		260	12	3120	Hired labour	30	0	0	
Hired oxen				0	Hired oxen	10	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				205	Miscellaneous			0	
Total cost				4300	Total cost			0	
3 Net income				3760	3 Net income			0	
Potatoes	0	Q'ty kg	Price Rs	Amount Rs	Pulses	0	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		0	0.7	0	Main product	0	5.5	0	
By product					By product				
Gross income				0	Gross income			0	
2 Production cost					2 Production cost				
Seeds		0	0.7	0	Seeds	12	0	0	
Fertilizers					Fertilizers				
N (50)		0	2.36	0	N (0)	0	2.36	0	
P (40)		0	3.8	0	P (0)	0	3.8	0	
K					K				
Agro-chemicals					Agro-chemicals			0	
Tools				0	Tools			0	
Irrigation fee				0	Irrigation fee			0	
Hired labour		15	0	0	Hired labour	60	0	0	
Hired oxen		10	0	0	Hired oxen	30	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				0	Miscellaneous			0	
Total cost				0	Total cost			0	
3 Net income				0	3 Net income			0	
Total Income:		3760 ha basis				0			
		150.4 net cultivated area basis							

Table E.24 Farm Budget under Present Condition in Sursa Area (10/12)
- Small Sugarcane Farmer -

Small Perennial		0.07 ha							
Sugarcane	1	Qty kg	Price Rs	Amount Rs	0	Qty kg	Price Rs	Amount Rs	
1 Crop income					1 Crop income				
Main product		26000	0.31	8060	Main product	0	6.5	0	
By product				0	By product	0	0	0	
Gross income				8060	Gross income			0	
2 Production cost					2 Production cost				
Seeds		2000	0	117	Seeds	90	0	0	
Fertilizers					Fertilizers				
N (131)		285	2.36	673	N (0)	0	2.36	0	
P (26)		54	3.8	206	P (0)	0	3.8	0	
K				0	K (0)	0		0	
Agro-chemicals				0	Agro-chemicals	20	0	0	
Tools				0	Tools			0	
Irrigation fee				0	Irrigation fee			0	
Hired labour			0	1152	Hired labour	30	0	0	
Hired oxen				0	Hired oxen	10	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				107	Miscellaneous			0	
Total cost				2255	Total cost			0	
3 Net income				5805	3 Net income			0	
Potatoes	0	Qty kg	Price Rs	Amount Rs	Pulses	0	Qty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		0	0.7	0	Main product	0	5.5	0	
By product				0	By product			0	
Gross income				0	Gross income			0	
2 Production cost					2 Production cost				
Seeds		0	0.7	0	Seeds	12	0	0	
Fertilizers					Fertilizers				
N (50)		0	2.36	0	N (0)	0	2.36	0	
P (40)		0	3.8	0	P (0)	0	3.8	0	
K				0	K			0	
Agro-chemicals				0	Agro-chemicals			0	
Tools				0	Tools			0	
Irrigation fee				0	Irrigation fee			0	
Hired labour		15	0	0	Hired labour	60	0	0	
Hired oxen		10	0	0	Hired oxen	30	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				0	Miscellaneous			0	
Total cost				0	Total cost			0	
3 Net income				0	3 Net income			0	
Total Income:	5805 ha basis				406.4 net cultivated area basis				

Table E.24 Farm Budget under Present Condition in Sursa Area (11/12)
- Semi-medium Sugarcane Farmer -

Semi-Medium Perennial		0.17 ha							
Sugarcane	1	Q'ty kg	Price Rs	Amount Rs	0	Q'ty kg	Price Rs	Amount Rs	
1	Crop income				1	Crop income			
	Main product	26000	0.31	8060		Main product	0	6.5	0
	By product			0		By product	0	0	0
	Gross income			8060		Gross income			0
2	Production cost				2	Production cost			
	Seeds	2000	0	179		Seeds	90	0	0
	Fertilizers					Fertilizers			
	N (110)	239	2.36	564		N (0)	0	2.36	0
	P (28)	58	3.8	222		P (0)	0	3.8	0
	K			0		K (0)	0		0
	Agro-chemicals			0		Agro-chemicals	20	0	0
	Tools			0		Tools			0
	Irrigation fee			0		Irrigation fee			0
	Hired labour	185	0	2270		Hired labour	30	0	0
	Hired oxen			0		Hired oxen	10	0	0
	Land rentals			0		Land rentals			0
	Miscellaneous			162		Miscellaneous			0
	Total cost			3396		Total cost			0
3	Net income			4664	3	Net income			0
Potatoes	0	Q'ty kg	Price Rs	Amount Rs	Pulses	0	Q'ty kg	Price Rs	Amount Rs
1	Crop income				1	Crop income			
	Main product	0	0.7	0		Main product	0	5.5	0
	By product			0		By product			0
	Gross income			0		Gross income			0
2	Production cost				2	Production cost			
	Seeds	0	0.7	0		Seeds	12	0	0
	Fertilizers					Fertilizers			
	N (50)	0	2.36	0		N (0)	0	2.36	0
	P (40)	0	3.8	0		P (0)	0	3.8	0
	K			0		K			0
	Agro-chemicals			0		Agro-chemicals			0
	Tools			0		Tools			0
	Irrigation fee			0		Irrigation fee			0
	Hired labour	15	0	0		Hired labour	60	0	0
	Hired oxen	10	0	0		Hired oxen	30	0	0
	Land rentals			0		Land rentals			0
	Miscellaneous			0		Miscellaneous			0
	Total cost			0		Total cost			0
3	Net income			0	3	Net income			0
Total Income:		4664 ha basis							
		792.9 net cultivated area basis							

Table E.24 Farm Budget under Present Condition in Sursa Area (12/12)
- Medium Sugarcane Farmer -

Medium Perennial		0.25 ha							
Sugarcane	1	Qty kg	Price Rs	Amount Rs	0	Qty kg	Price Rs	Amount Rs	
1 Crop income					1 Crop income				
Main product		26000	0.31	8060	Main product	0	6.5	0	
By product				0	By product	0	0	0	
Gross income				8060	Gross income			0	
2 Production cost					2 Production cost				
Seeds		2000	0	120	Seeds	90	0	0	
Fertilizers					Fertilizers				
N (122)		265	2.36	625	N (0)	0	2.36	0	
P (41)		85	3.8	325	P (0)	0	3.8	0	
K				0	K (0)	0		0	
Agro-chemicals				0	Agro-chemicals	20	0	0	
Tools				0	Tools			0	
Irrigation fee				0	Irrigation fee			0	
Hired labour		185	0	3090	Hired labour	30	0	0	
Hired oxen				0	Hired oxen	10	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				208	Miscellaneous			0	
Total cost				4367	Total cost			0	
3 Net income				3693	3 Net income			0	
Potatoes	0	Qty kg	Price Rs	Amount Rs	Pulses	0	Qty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		0	0.7	0	Main product	0	5.5	0	
By product				0	By product			0	
Gross income				0	Gross income			0	
2 Production cost					2 Production cost				
Seeds		0	0.7	0	Seeds	12	0	0	
Fertilizers					Fertilizers				
N (50)		0	2.36	0	N (0)	0	2.36	0	
P (40)		0	3.8	0	P (0)	0	3.8	0	
K				0	K			0	
Agro-chemicals				0	Agro-chemicals			0	
Tools				0	Tools			0	
Irrigation fee				0	Irrigation fee			0	
Hired labour		15	0	0	Hired labour	60	0	0	
Hired oxen		10	0	0	Hired oxen	30	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				0	Miscellaneous			0	
Total cost				0	Total cost			0	
3 Net income				0	3 Net income			0	
Total Income:		3693 ha basis				923.3 net cultivated area basis			

Table E.25 Farm Budget under Present Condition in Purwa Area (1/8)
- Marginal Farmer in Kharif season -

Marginal Kharif		0.56 ha							
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Paddy	0.93	kg	Rs	Rs	Oilseeds	0	kg	Rs	
1 Crop income					1 Crop income				
Main product		2289	1.88	4303	Main product	900	5.2	4680	
By product				0	By product	0	0	0	
Gross income				4303	Gross income			4680	
2 Production cost					2 Production cost				
Seeds		30	1.88	25	Seeds	50	0	0	
Fertilizers					Fertilizers				
N (52)		112	2.36	264	N (20)	44	2.36	104	
P (5)		10	3.8	38	P (0)	0	3.8	0	
K					K (0)	0			
Agro-chemicals				3	Agro-chemicals	20	0	0	
Tools				0	Tools			0	
Irrigation fee				161	Irrigation fee			0	
Hired labour		185	0	0	Hired labour	30	0	0	
Hired oxen				0	Hired oxen	0	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				25	Miscellaneous			5	
Total cost				516	Total cost			109	
3 Net income				3788	3 Net income			4571	
Jowar		0.06			Pulses		0.01		
		kg	Rs	Rs		kg	Rs	Rs	
1 Crop income					1 Crop income				
Main product		1100	1.88	2068	Main product	1200	6.9	8280	
By product					By product				
Gross income				2068	Gross income			8280	
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds	12	0	0	
Fertilizers					Fertilizers				
N (30)		65	2.36	154	N (10)	22	2.36	52	
P					P (20)	42	3.8	160	
K					K				
Agro-chemicals					Agro-chemicals			0	
Tools				0	Tools			0	
Irrigation fee				0	Irrigation fee			0	
Hired labour		30	0	0	Hired labour	60	0	0	
Hired oxen		5	0	0	Hired oxen	10	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				8	Miscellaneous			11	
Total cost				162	Total cost			222	
3 Net income				1906	3 Net income			8058	
Total Income:	3733 ha basis								
	2090 net cultivated area basis								

Table E.25 Farm Budget under Present Condition in Purwa Area (2/8)
- Small Farmer in Kharif season -

Small Kharif		1.11 ha							
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Paddy	0.88	kg	Rs	Rs	Oilseeds	0	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		2417	1.88	4544	Main product		900	5.2	4680
By product				0	By product		0	0	0
Gross income				4544	Gross income				4680
2 Production cost					2 Production cost				
Seeds		7	1.88	13	Seeds		0	0	0
Fertilizers					Fertilizers				
N (56)		122	2.36	289	N (10)		0	2.36	0
P (7)		16	3.8	61	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				7	Agro-chemicals		0	0	0
Tools				0	Tools				0
Irrigation fee				312	Irrigation fee				0
Hired labour		39	18	708	Hired labour		0	0	0
Hired oxen				0	Hired oxen		0	0	0
Land rentals				0	Land rentals				0
Miscellaneous				69	Miscellaneous				0
Total cost				1459	Total cost				0
3 Net income				3085	3 Net income				4680
<hr/>									
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Jowar	0.07	kg	Rs	Rs	Pulses	0.04	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		1100	1.88	2068	Main product		1200	6.9	8280
By product					By product				
Gross income				2068	Gross income				8280
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds		12	0	0
Fertilizers					Fertilizers				
N (0)		0	2.36	0	N (0)		0	2.36	0
P					P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				0	Miscellaneous				0
Total cost				0	Total cost				0
3 Net income				2068	3 Net income				8280
<hr/>									
Total Income:	3171 ha basis								
	3520 net cultivated area basis								

Table E.25 Farm Budget under Present Condition in Purwa Area (3/8)
- Semi-medium Farmer in Kharif season -

Semi-Medium Kharif		2.55 ha							
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Paddy	0.86	kg	Rs	Rs	Oilseeds	0	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		2265	1.88	4258	Main product		900	5.2	4680
By product				0	By product		0	0	0
Gross income				4258	Gross income				4680
2 Production cost					2 Production cost				
Seeds		36	1.88	67	Seeds		20	0	0
Fertilizers					Fertilizers				
N (49)		106	2.36	249	N (0)		0	2.36	0
P (13)		27	3.8	102	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				10	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				146	Irrigation fee				0
Hired labour		102	18	1843	Hired labour		30	0	0
Hired oxen				0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				121	Miscellaneous				0
Total cost				2539	Total cost				0
3 Net income				1719	3 Net income				4680
<hr/>									
Jowar	0.13	kg	Price	Amount	Pulses	0.01	kg	Price	Amount
			Rs	Rs				Rs	Rs
1 Crop income					1 Crop income				
Main product		1100	1.88	2068	Main product		1200	6.9	8280
By product					By product				
Gross income				2068	Gross income				8280
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds		12	0	0
Fertilizers					Fertilizers				
N (0)		0	2.36	0	N (0)		0	2.36	0
P					P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				0	Miscellaneous				0
Total cost				0	Total cost				0
3 Net income				2068	3 Net income				8280
<hr/>									
Total Income:	1802 ha basis								
	4596 net cultivated area basis								

**Table E.25 Farm Budget under Present Condition in Purwa Area (4/8)
- Medium Farmer in Kharif season -**

Medium Kharif		4.05 ha							
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Paddy	0.672	kg	Rs	Rs	Oilseeds	0	kg	Rs	
1 Crop income					1 Crop income				
Main product		2490	1.88	4681	Main product	900	5.2	4680	
By product				0	By product	0	0	0	
Gross income				4681	Gross income			4680	
2 Production cost					2 Production cost				
Seeds		122	1.88	230	Seeds	0	0	0	
Fertilizers					Fertilizers				
N (40)		87	2.36	205	N (0)	0	2.36	0	
P (13)		28	3.8	107	P (0)	0	3.8	0	
K					K (0)	0			
Agro-chemicals				2	Agro-chemicals	0	0	0	
Tools				0	Tools			0	
Irrigation fee				130	Irrigation fee			0	
Hired labour		102	18	1843	Hired labour	30	0	0	
Hired oxen		15		0	Hired oxen	10	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				126	Miscellaneous			0	
Total cost				2644	Total cost			0	
3 Net income				2037	3 Net income			4680	
Jowar		0.16			Pulses		0.16		
		kg	Rs	Rs		kg	Rs	Rs	
1 Crop income					1 Crop income				
Main product		1100	1.88	2068	Main product	1200	6.9	8280	
By product					By product				
Gross income				2068	Gross income			8280	
2 Production cost					2 Production cost				
Seeds		30	0	0	Seeds	12	0	0	
Fertilizers					Fertilizers				
N (0)		0	2.36	0	N (0)	0	2.36	0	
P					P (0)	0	3.8	0	
K					K				
Agro-chemicals					Agro-chemicals			0	
Tools				0	Tools			0	
Irrigation fee				0	Irrigation fee			0	
Hired labour		15	0	0	Hired labour	60	0	0	
Hired oxen		10	0	0	Hired oxen	30	0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				0	Miscellaneous			0	
Total cost				0	Total cost			0	
3 Net income				2068	3 Net income			8280	
Total Income:		3025 ha basis							
		12250 net cultivated area basis							

Table E.25 Farm Budget under Present Condition in Purwa Area (5/8)
- Marginal Farmer in Rabi season -

Marginal Rabi		0.56 ha									
Wheat	0.84	Q'ty kg	Price Rs	Amount Rs	Oilseeds	0.09	Q'ty kg	Price Rs	Amount Rs		
1 Crop income					1 Crop income						
Main product		1697	2.31	3920	Main product		600	6.5	3900		
By product				0	By product		350	0	0		
Gross income				3920	Gross income				3900		
2 Production cost					2 Production cost						
Seeds		121	2.31	280	Seeds		5	0	0		
Fertilizers					Fertilizers						
N (66)		144	2.36	341	N (20)		44	2.36	104		
P (32)		67	3.8	253	P (5)		11	3.8	42		
K					K (0)		0		0		
Agro-chemicals				3	Agro-chemicals		0	0	0		
Tools				0	Tools				0		
Irrigation fee				161	Irrigation fee				0		
Hired labour		30	0	0	Hired labour		30	0	0		
Hired oxen		15		0	Hired oxen		0	0	0		
Land rentals				0	Land rentals				0		
Miscellaneous				52	Miscellaneous				7		
Total cost				1090	Total cost				153		
3 Net income				2830	3 Net income				3747		
Potatoes		0.03	Q'ty kg	Price Rs	Amount Rs	Pulses		0.04	Q'ty kg	Price Rs	Amount Rs
1 Crop income						1 Crop income					
Main product		17500	0.7	12250	Main product		900	5.5	4950		
By product					By product						
Gross income				12250	Gross income						4950
2 Production cost					2 Production cost						
Seeds		2500	0.7	1750	Seeds		50	0	0		
Fertilizers					Fertilizers						
N (50)		109	2.36	257	N (5)		11	2.36	26		
P (40)		83	3.8	317	P (10)		21	3.8	80		
K					K						
Agro-chemicals					Agro-chemicals						0
Tools				0	Tools						0
Irrigation fee				0	Irrigation fee						0
Hired labour		50	0	0	Hired labour		60	0	0		0
Hired oxen		10	0	0	Hired oxen		10	0	0		0
Land rentals				0	Land rentals						0
Miscellaneous				116	Miscellaneous						5
Total cost				2439	Total cost						111
3 Net income				9811	3 Net income						4839
Total Income:		3188 ha basis									
		1785 net cultivated area basis									

Table E.25 Farm Budget under Present Condition in Purwa Area (6/8)
- Small Farmer in Rabi season -

Small Rabi		1.03 ha			Small Rabi		0.09 ha		
Wheat	0.85	Q'ty kg	Price Rs	Amount Rs	Oilseeds	0.09	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		1723	2.31	3980	Main product		600	6.5	3900
By product				0	By product		350	0	0
Gross income				3980	Gross income				3900
2 Production cost					2 Production cost				
Seeds		25	2.31	57	Seeds		30	0	0
Fertilizers					Fertilizers				
N (60)		130	2.36	308	N (0)		0	2.36	0
P (30)		63	3.8	238	P (0)		0	3.8	0
K				7	K (0)		0		0
Agro-chemicals				0	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				156	Irrigation fee				0
Hired labour		29	18	513	Hired labour		30	0	0
Hired oxen				0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				64	Miscellaneous				0
Total cost				1342	Total cost				0
3 Net income				2638	3 Net income				3900
<hr/>					<hr/>				
Potatoes	0.02	Q'ty kg	Price Rs	Amount Rs	Pulses	0.04	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		17500	0.7	12250	Main product		900	5.5	4950
By product					By product				
Gross income				12250	Gross income				4950
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds		12	0	0
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (0)		0	2.36	0
P (40)		83	3.8	317	P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				116	Miscellaneous				0
Total cost				2439	Total cost				0
3 Net income				9811	3 Net income				4950
<hr/>					<hr/>				
Total Income:	2953 ha basis								
	3041 net cultivated area basis								

Table E.25 Farm Budget under Present Condition in Purwa Area (7/8)
- Semi-medium Farmer in Rabi season -

Semi-Medium Rabi		2.58 ha							
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Wheat	0.84	kg	Rs	Rs	Oilseeds	0.09	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		1653	2.31	3818	Main product		600	6.5	3900
By product				0	By product		350	0	0
Gross income				3818	Gross income				3900
2 Production cost					2 Production cost				
Seeds		54	2.31	126	Seeds		30	0	0
Fertilizers					Fertilizers				
N (64)		139	2.36	328	N (0)		0	2.36	0
P (31)		65	3.8	249	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				12	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				146	Irrigation fee				0
Hired labour		59	18	1065	Hired labour		30	0	0
Hired oxen				0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				96	Miscellaneous				0
Total cost				2022	Total cost				0
3 Net income				1796	3 Net income				3900
Potatoes		0.02			Pulses		0.05		
		kg	Rs	Rs		kg	Rs	Rs	
1 Crop income					1 Crop income				
Main product		17500	0.7	12250	Main product		900	5.5	4950
By product					By product				
Gross income				12250	Gross income				4950
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds		12	0	0
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (0)		0	2.36	0
P (40)		83	3.8	317	P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				116	Miscellaneous				0
Total cost				2439	Total cost				0
3 Net income				9811	3 Net income				4950
Total Income:	2295 ha basis								
	5922 net cultivated area basis								

Table E.25 Farm Budget under Present Condition in Purwa Area (8/8)
- Medium Farmer in Rabi season -

Medium Rabi		4.44 ha							
Wheat	0.796	Q'ty kg	Price Rs	Amount Rs	Oilseeds	0.09	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		1851	2.31	4276	Main product		600	6.5	3900
By product				0	By product		350	0	0
Gross income				4276	Gross income				3900
2 Production cost					2 Production cost				
Seeds		40	2.31	93	Seeds		30	0	0
Fertilizers					Fertilizers				
N (72)		157	2.36	371	N (0)		0	2.36	0
P (33)		69	3.8	261	P (0)		0	3.8	0
K					K (0)		0		
Agro-chemicals				3	Agro-chemicals		20	0	0
Tools				0	Tools				0
Irrigation fee				130	Irrigation fee				0
Hired labour		73	18	1322	Hired labour		30	0	0
Hired oxen				0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				109	Miscellaneous				0
Total cost				2289	Total cost				0
3 Net income				1987	3 Net income				3900
Potatoes	0.028	Q'ty kg	Price Rs	Amount Rs	Pulses	0.08	Q'ty kg	Price Rs	Amount Rs
1 Crop income					1 Crop income				
Main product		17500	0.7	12250	Main product		900	5.5	4950
By product					By product				
Gross income				12250	Gross income				4950
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds		12	0	0
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (0)		0	2.36	0
P (40)		83	3.8	317	P (0)		0	3.8	0
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		15	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		30	0	0
Land rentals				0	Land rentals				0
Miscellaneous				116	Miscellaneous				0
Total cost				2439	Total cost				0
3 Net income				9811	3 Net income				4950
Total Income:	2601 ha basis								
	11550 net cultivated area basis								

Table E.26 The Amount of Traded Agricultural Commodities at Each Mandi Parishad in 1990

Mandi Parishad	Lucknow		Rae Bareli		Hardoi		Lalganj	
	Arrival (Qntl.)	Rate (Rs/Qntl)	Arrival (Qntl.)	Rate (Rs/Qntl)	Arrival (Qntl.)	Rate (Rs/Qntl)	Arrival (Qntl.)	Rate (Rs/Qntl)
1. Paddy	26,266	195	179,241	200	712,765	245	164,286	180
2. Rice	116,886	650	11,160	400	51,272	350	4,714	350
3. Jowar	267	200	185	100	25,988	170	1,182	240
4. Maize	6,310	200	n.a.	n.a.	34,722	160	n.a.	n.a.
5. Wheat	26,856	220	174,892	212	770,917	215	129,385	215
6. Barley	399	150	2,237	200	49,737	207	873	200
7. Urd	7,212	700	1,761	700	5,771	700	n.a.	n.a.
8. Moong	301	1,100	0	0	459	1,250	n.a.	n.a.
9. Gram	2,656	650	1,382	700	34,222	650	2,859	700
10. Pea	2,614	550	228	600	9,704	625	1,425	550
11. Arhar	20,594	850	655	800	12,893	675	1,126	700
12. Til	462	1,000	2,349	1,000	6,955	700	4,876	1,300
13. Mustard	n.a.	n.a.	2,963	750	27,670	750	7,609	850
14. Potato	50,880	90	14,895	84	101,139	80	89,584	85
15. Onion	2,406	100	n.a.	n.a.	1,563	120	10,882	150
16. Groundnut	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	966	800
17. Crystal	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1,118	550
18. Gud	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1,608	500
19. Mahua Phool	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	9,043	200
20. Castor	n.a.	n.a.	830	502	n.a.	n.a.	n.a.	n.a.

Source: Various Mandi Samithis

Table E.27 Salient Features of the Targets of the Five Year Plan

Sector	Item	Targets to be attained in 1994-95
1. Agriculture	- Irrigation	<u>430 lakh tonnes</u> against 337 lakh tonnes attained in 1989-90
	- Fertilizer	Increase by 65 lakh hectares from 1989-90 level to <u>175 lakh hectares</u>
	- Short-term Credit	Increase of 11 lakh tonnes from 1989-90 level, raising to <u>32 lakh tonnes</u>
	- Sugarcane	100% increase from 1989-90 level to <u>Rs.800 cr.</u>
	- Potato	<u>1075 lakh tonnes</u> , increase of 104 lakh tonnes from 1989-90 level
	- Capacity of Cold Storage	Increase by 12 lakh tonnes from 1989-90 level to <u>64 lakh tonnes</u>
	- Oil seeds	<u>48 lakh tonnes</u> , increase of 15 lakh tonnes from 1989-90 level.
	- Milk	<u>15 tonnes</u> , increase of 25% from 1989-90 level
2. Livestock	- Eggs	<u>140 lakh tonnes</u> , increase of 49 lakh tonnes from 1989-90 level.
	- Fish	four fold increase from 1989-90 level to <u>250 cc.</u> , increase of <u>0.57 lakh tonnes</u> from
	- Investment	Increase of 0.57 lakh tonnes from 1989-90 level to <u>1.5 lakh tonnes</u>
3. Industry	- Production Index	Additional investment of <u>Rs.20,000 cr.</u> raising to <u>717</u> from 407 in 1989-90
	- Cane Crashing Capacity	<u>50%</u> of total sugarcane from 32% in 1989-90 level
4. Energy	- Power	Consumption increase up to <u>32,260 MU</u> , from 18,110 MU in 1989-90 level.
5. Education		Overall literacy rate growing up to <u>50%</u> from 34% in 1989-90, with an emphasis on <u>females</u> .
6. Health		Population growth rate down to <u>1.8%</u> from 2.2% in 1989-90; with birth rate <u>28 per thousand</u> , death rate <u>10 per thousand</u> , and infant mortality to <u>80 per thousand</u> .
7. Minimum Needs Programme	- Rural Electrification	<u>100% villages</u> against 71% in 1989-90
	- Universal Education	<u>100% enrollment (age 6-10); 60% enrollment (age 11-13)</u>
	- Rural Roads	<u>100% village with population of 1,000 and above; connected with all weather</u>
	- Rural Water Supply	<u>100% villages</u> be provided with safe and adequate drinking water against 85% in 1989-90
	- Rural Health	Opening of <u>4,000 new sub centers</u> raising to <u>24,153</u> ; <u>1,000 new primary health centres</u> increase to <u>3,836</u> ; and <u>205 new community health centres</u> raising to <u>384</u> .

Table E.28 Objectives and Overall Strategies of Eighth Five Year Plan (1/2)

Objectives	Overall Strategies
1. To raise income of rural	<ul style="list-style-type: none"> a) Giving highest priority to development programmes which maximize productivity of small and marginal holdings, generate self-sustaining additional employment including wage employment and self-employment for them in agriculture and non-agriculture activities with guaranteed minimum income. b) Initiating measures which, apart from raising productivity of assets for rural poor, also lead to accretion in their assets.
2. To improve quality of life in	<ul style="list-style-type: none"> a) Provision of safe hygienic drinking water in all villages in adequate quantity. b) Saturating all villages with improved net-work of assured electricity. c) Linking all the villages with roads. Qualitative and quantitative improvement in delivery of basic services in rural areas, particularly in the fields of education and health-care to achieve universal elementary education for all children in the age-group of 6-10, a literacy rate of 50 percent and the objective of health for all by 2000. d) Development of small and medium towns as growth centers providing for rural areas services of superior character usually available in cities only. e) Provision of suitable houses for rural poor.
3. To ensure that a reasonable share in public facilities is available to poor people	<ul style="list-style-type: none"> a) Development suitable and effective safeguards to ensure that these facilities or a major share of these are not appropriated by more affluent sections of society.
4. To maximize productivity in agriculture along with diversification and mixed farming in small and marginal holdings and in areas of low productivity	<ul style="list-style-type: none"> a) A massive increase in irrigation through private minor irrigation schemes for the benefit of small and marginal farmers. b) Improvement in delivery systems of providing credit for agriculture inputs to these farmers. c) Introducing high value crops, vegetables and fruits which are both more labour intensive and yield high incomes. d) A big thrust on animal husbandry programs, particularly of milk production, dairy development, poultry and pisciculture. e) Creation of capacities for processing of agriculture produce to secure more remunerative prices for farmers.
5. To bring down population growth to 1.8 per cent per annum	<ul style="list-style-type: none"> a) Instead of proliferation institutions and services, consolidating existing infrastructure by making suitable improvements. b) Improvement in literacy rate with particular emphasis on female education. c) Augmentation of maternity rate with particular emphasis on female education. c) Augmentation of maternity and child welfare services to bring down infant mortality rate.

Table E.28 Objectives and Overall Strategies of Eighth Five Year Plan (2/2)

Objectives	Overall Strategies
6. To achieve a faster growth in manufacturing sector and promotion of such industries which have larger potentialities of employment and ancilliatization	<ul style="list-style-type: none"> a) Promoting growth of industries which lead to growth of ancillaries' and where processes of production can be decentralized providing work and wages to people in neighboring areas. b) Giving more emphasis on development and growth of small scale and village industries with improved technology and institutional support for raw material and marketing their produce.
7. To consolidate gains from and to improve efficiency and productivity of past investment and of the existing assets	This is more a question of sectoral strategies than over-all strategies and the same should be expressed clearly in sectoral reviews.
8. To promote faster development of backward areas in order to reduce intra-state disparities in their levels of development	<ul style="list-style-type: none"> a) Diversion of more resources to back-ward areas for economic and social services. b) Initiating special measures for removal of the major constraints on growth and development of backward areas and providing area-specific "growth-impulses" to facilitate development process in these areas.
9. To undertake special measures for the overall economic, and social development of the weaker sections of the society particularly of society particularly of scheduled castes/scheduled tribes, and women and children	This is again a question of sectoral strategies.
10. To strengthen Panchayati Raj Institution in rural areas and local self-governing institutions in urban areas and to make them effective media for formulation and implementation of development schemes.	This is largely a question of political decision at appropriate level.

Table E.29 Proposed Farming Practice for Paddy

Item	Description
Recommended Variety	<p>Early maturing : Saket-4, Ratna, Prasad, Govind and Pusha-33</p> <p>Medium maturing: IR-8, IR-24, T-3, Pant Dhan-4, Saraju-52, Seeta, Shyam Jira</p> <p>Late Maturing: Cross 116, T-9, T-100, T-23 and T-26</p>
Seed Rate	<p>for transplanting: 30kg/ha for fine variety 50kg/ha for coarse variety</p> <p>for direct sowing: 75 to 80 kg/ha</p>
Seed treatment	24 hours soaking and dry for 36 to 40 hours for germination
Nursery	<p>required area: 600 to 800 sq.meters for one hectare of paddy field</p> <p>soil: fertile soils having minimum salts</p>
Nursery period	<p>Early maturing : 21 to 25 days</p> <p>Medium maturing: 30 to 35 days</p> <p>Late Maturing: 35 to 40 days</p>
Fertilizer requirement	<p>for nursery: 100kgN and 50kgP₂O₅ for one hectare of nursery 5kg of zinc sulphate for one hectare of nursery</p> <p>for main field: N:P₂O₅:K₂O=100:50:50 for early maturing varieties N:P₂O₅:K₂O=120:60:60 for midium maturing varieties</p> <p>Half of nitrogen and full of phosphorus and potassium should be applied as basal.</p> <p>The rest of nitrogen fertilizer should be dressed at panicle initiation stage.</p>
Transplanting	<p>normal condition 2 plants per hill in 50 hill per sq.meter 20x10cm</p> <p>fertile soil condition 20x15cm</p> <p>depth of transplanting 3 to 4 cm</p> <p>supplemental planting should be done immediately.</p>
Weeding practice	<p>After one week of transplanting</p> <p>40 to 50 days after transplanting</p>
Plant protection	<p>seed infestation 4g streptomycine and 38.5g of 3% mercurial fungicide in 45 liter of water</p> <p>weeding Butachlore 50 EC @4l/ha within 3 to4 days of transplanting</p> <p>root weevil mix aldrin/heptacholor 5% dust</p> <p>borer 3% Carbofran granule (20kg/ha) 20 days after transplanting</p> <p>blast, brown spot Manconeb (2kg/ha) or Zineb (2.5kg/ha)</p>
Irrigation requirement	<p>- one week after transplanting</p> <p>- panicle initiation stage</p> <p>- flowering stage</p> <p>- milky stage</p>

Table E.30 Proposed Farming Practice for Maize

Item		Description
Recommended variety	Hybrid maize Dehybrid maize	Ganga-2, Ganga-5 Kancham, Sweta, Uttam
Seed treatment		2 kg Thiram per 1 kg of seed
Seed rate		18 kg for small grain variety, 20 kg for large grain variety per ha
Sowing	Time Depth Distance	First to second week of June 5 cm depth 60 cm row to row, 20 to 25 cm plant to plant
Soil treatment	Field effected in last year	20 kg of Zinc Sulphate per ha at the end of last Ploughing
Fertilizer requirements		N: P ₂ O ₅ : K ₂ O = 120: 60: 60: kg/ha for hybrid variety N: P ₂ O ₅ : K ₂ O = 80: 40: 50: kg/ha for compste variety N: P ₂ O ₅ : K ₂ O = 60: 30: 30: kg/ha for deshi variety
Weeding practice	First Second	Just after garmination 20 to 30 days after sowing
Plant protection	Stem borer Leaf roller Grass hopper Cater-Piller	3% Carbofram granule 25 kg per ha at 20 to 25 days after sowing Same above 10% BHC dust 25-30 kg per ha 10% BHC dust 30 kg per ha
Irrigation requirement		3 week or 25 days interval till ripenning stage

Table E.31 Proposed Farming Practice for Groundnut

Item		Description
Recommended variety	Early maturing Medium maturing	Ta-62, Ta-28 Chitra, Chandra
Seed rate	Ta-62, Ta-28 Chitra, Chandra	95 - 100 kg/ha 70 - 75 kg/ha
Seed treatment		2.5 kg thiram for 1 kg Kernel, after that rhizolium culture should be applied on the Kernels. 250 g rhizolium culture mixed with the solution 50 g is sufficient for 10 kg of seed. After application of rhizolium culture seed should be kept in shade for 2-3 hours before use.
Sowing	Time	Last week of June to first week of July Behind plough at 4-5 cm depth 30 x 15 cm for type-62, type-28 30 x 10 cm, 45 x 15 cm for chitra, chandra
Fertilizer		N: P ₂ O ₅ : K ₂ O = 15: 30: 40 kg per ha 150 kg Gypsum and 4 kg Borx per ha may be required at some part of area
Interculture		After 15-20 days and 30-35 days of sowing
Weeding		At the same time above
Plant protection	Infestation of white grub Tikka and Rust	BHC 5% wettable powder 20-25 kg per ha Mankozebe or Zineb 2.5 kg/ha at 12-15 day interval
Irrigation requirement		- Pegging stage - Flowering stage - Pod formation stage

Table E.32 Proposed Farming Practice for Wheat

Item		Description
Recommended variety		UP-2003, UP-368, HD-2282, HD-2329
Seed rate	certified seed	100 kg per ha
Seed treatment		3 g mercurial chemical per 1 kg of seed
Sowing	Depth	Behind plough at 5 cm depth
	Distance	18-22 cm line to line, 400-500 panicles per m ²
	Time	First week of November to the middle of December
Fertilizer requirement	Normal condition	N: P ₂ O ₅ : K ₂ O = 120: 60: 40 kg/ha Half quantity of N, full quantity of P and K use for basal application Remaining half quantity of N use for top-dressing after first irrigation
	For Zinc deficit soil	5 kg ZnSO ₄ and 2% of urea mixed with 800 lt of water
Weeding		A week after first irrigation within 30-35 days after sowing
Plant protection	Blights	Mancozeb 2.5 kg/ha or Zineb 2.5 kg/ha at 12 days interval
	Rat	Poisonous baits, consisting of i) Zinc phosphide - 1 part, mustard oil 1-part and 48 parts of grains, ii) Barium Carbonate 100 parts, wheat flour 660 parts, sugar 15 g and 25 g of mustard oil, iii) 1/4 tablet of Aluminium phosphide. Apply this poisonous baits directly in the hole and chose it with mud. Picking smutted ears and destroy before harvesting works
Irrigation requirement	5 time irrigation	1st irrigation 20-25 day, 2nd irrigation 40-45 days, 3rd irrigation 60-65 days, 4th irrigation 80-85 days, 5th irrigation 100-105 days after sowing.
	3 time irrigation	1st at croon root, 2nd at ear formation stages, 3rd at 100-105 days after sowing.

Table E.33 Proposed Farming Practice for Pea

Item		Description
Recommended variety	Irrigated Rainfed	Ta-163, Radra, VL Pea-1 VL Pea-1
Seed rate	Irrigated Rainfed	75-80 kg/ha 90-100 kg/ha
Seed treatment		Manganese-Carborate 3 g per 1 kg of seed
Sowing	Depth Distance Time	3-4 cm depth 60 cm low distance, 30-45 cm plant to plant distance Mid-October to mid November in irrigated area Mid-October to first week of November in rainfed area
Fertilizer requirement		N: P ₂ O ₅ : K ₂ O = 15: 30: 0 kg/ha
Weeding practice		After 15-20 days and 30-35 days of sowing
Plant protection	Powdery mildew Ratua Stem borer Leaf-Case worm	Tridamarph 80% 500 ml. per ha, 10-12 days interval at least two time Magnese-Carbomate 2 kg per ha Endosulphan 1.5 lit. per ha Formothion 25 Ec 1 lt. per ha
Irrigation requirement		- 20-25 days after sowing - Flowering stage

Table E.34 Proposed Farming Practice for Gram

Item		Description
Recommended variety		Awarodhi, K-468, K-850, Radshah
Seed rate		75-100 kg per ha for small grains, 100-125 kg for large grains
Seed treatment		Zinc manganese carbamate 3 g per 1 kg of seed
Sowing	Depth	6-8 cm depth in furrows
	Distance	45 cm row to row
	Time	2nd week of November
Fertilizer requirement		N: P ₂ O ₅ : K ₂ O = 15: 40: 0 kg per ha
Weeding practice		Hoeing and weeding with Khurpi, 20-30 day after sowing Second hoeing after first irrigation which helps in aeration
Plant protection	Semi looper	Endosulphan 1.25 lit. per ha
	Borer	Carbaryl Dust 2 kg per ha
	Cutworm	10 % BHC Dust 30 kg per ha at the time of last ploughing
Irrigation requirement	1st	- Before flowering stage
	2nd	- Grain formation stage

Table E.35 Proposed Farming Practice for Potato

Item		Description
Selection of field		Well drained, leveled sandy loam soil, having good fertility status
Recommended variety	Early variety Semi-early variety	Kufri - Jyoti 90 days Kufri - Badshah 100 - 110 days
Seed rate		1.7 tons to 2.5 tons per ha
Seed treatment	Pre-sprouting	Remove seed ten days before planting from cold storage and spread tubers in shade or cool place for sprouting, select out 4-5 cm size seeds
	Chemical treatment	Areton-6 0.5% solution for 30 minutes, sprouts should be 2-3 cm long before planting
Sowing	Time Depth Distance	Early to the end of October (average temperature 26°C) 8-10 cm depth 60 cm row, 20 cm plant to plant
Mulching practice		10 tons of paddy straw should be spread to avoid temperature losses during germination
Fertilizer requirement		N: P ₂ O ₅ : K ₂ O: = 10: 60: 60 kg per ha
Weeding practice		First weeding cum interculture with the help of Khurpi at 15 days after sowing, 25-30 days after sowing
Earthing		25-30 days after sowing
Plant protection	Cutworm Blight	5% Heptachol Dust 25 kg per ha Mancozeb 2.5 kg per ha or Zineb 2.5 kg per ha
Irrigation requirement		-15-20 days after earthing

Table E.36 Proposed Farming Practice for Mustard

Item		Description
Recommended variety		PR-15, PR-18
Seed rate		5 kg per ha
Sowing	Time	First week of October
	Depth	Behind plough at 3-4 cm
	Distance	45 cm row to row, 15 cm plant to plant
Fertilizer requirement		N: P ₂ O ₅ : K ₂ O: = 80: 40: 0: kg per ha
Weeding practice		15 days after sowing
Plant protection	Alternaria blight	Distance M-45 2 kg with 1,000 lt. water per ha at 10 days interval
	Sawfly	Malathion 5% dust 20 kg per ha or Carbaryl 2.5% dust 20 kg per ha
Irrigation requirement	First	- 25 days after sowing
	Second	- 55 days after sowing

Table E.37 Proposed Farming Practice for Pigeonpea

Item		Description
Recommended variety	Early Middle Late	Type-21 URAS-120 Type-7, Type-17
Seed treatment		2.5 g Thiram for 1 kg seed and rhizolium solution should be applied on treated seed
Sowing	Time Depth Distance	Mid June for early variety, in July for late variety Behind ploughing at 5 cm depth 60 cm row to row, 20 cm plant to plant
Fertilizer requirement		N: P ₂ O ₅ : K ₂ O: = 15: 40: 0: kg per ha
Thinning		20-25 days after sowing. Distance to be kept 20 cm plant to plant in early variety and 25 cm for late variety.
Weeding practice		15 days after sowing
Plant protection	Borer and Semi looper Powdery mildew	Endosulphan Endosulphan 1.25 lt per ha, or phosphamidon 250 ml per ha Watable sulphur 3 kg per ha
Irrigation requirement		Barly growth stage Flowering stage

Table E.39 Crop Budget on Main Crops per ha under With-project Condition for Sarojini Nagar Area (1/4) - Kharif, Irrigated -

Sarojini Nagar		Financial			Kharif				
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Paddy	0.68	kg	Rs	Rs	Oilseeds	0.1	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		4000	1.88	7520	Main product		1300	5.2	6760
By product				0	By product		0	0	0
Gross income				7520	Gross income				6760
2 Production cost					2 Production cost				
Seeds		50	1.88	94	Seeds		90	5.2	468
Fertilizers					Fertilizers				
N (120)		261	2.36	616	N (15)		33	2.36	78
P (60)		125	3.8	475	P (30)		63	3.8	239
K (60)		120	1.6	192	K (40)		80	1.6	128
Agro-chemicals		3	80	240	Agro-chemicals		1	80	80
Tools				0	Tools				0
Irrigation fee				143	Irrigation fee				86
Hired labour		185	0	0	Hired labour		30	0	0
Hired oxen				0	Hired oxen		0	0	0
Land rentals				0	Land rentals				0
Miscellaneous				88	Miscellaneous				54
Total cost				1848	Total cost				1133
3 Net income				5672	3 Net income				5627
		Q'ty	Price	Amount			Q'ty	Price	Amount
Jowar	0	kg	Rs	Rs	Pulses	0.22	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		0	2.092	0	Main product		1500	6.9	10350
By product				0	By product				0
Gross income				0	Gross income				10350
2 Production cost					2 Production cost				
Seeds		0	2.092	0	Seeds		15	6.9	104
Fertilizers					Fertilizers				
N (30)		0	3.391	0	N (15)		33	2.36	78
P			3.145		P (40)		83	3.8	315
K					K				
Agro-chemicals					Agro-chemicals		1	80	80
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				86
Hired labour		0	12	0	Hired labour		60	0	0
Hired oxen		0	24	0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				0	Miscellaneous				33
Total cost				0	Total cost				696
3 Net income				0	3 Net income				9654
Gross Benefit:	8067 per ha basis								
Production Cost:	1523 per ha basis								
Net Income:	6543 per ha basis								

Table E.39 Crop Budget on Main Crops per ha under With-project Condition for Sarojini Nagar Area (2/4) - Kharif, Non-irrigated -

Sarojini Nagar		Financial			Kharif				
		Q'ty	Price	Amount			Q'ty	Price	Amount
Paddy	0.5	kg	Rs	Rs	Oilseeds	0.15	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		3000	1.88	5640	Main product		900	5.2	4680
By product				0	By product		0	0	0
Gross income				5640	Gross income				4680
2 Production cost					2 Production cost				
Seeds		30	1.88	56	Seeds		50	5.2	260
Fertilizers					Fertilizers				
N (80)		174	2.36	410	N (20)		44	2.36	104
P (30)		63	3.8	238	P (0)		0	3.8	0
K					K (0)		0		0
Agro-chemicals				3	Agro-chemicals		0	0	0
Tools				0	Tools				0
Irrigation fee				264	Irrigation fee				0
Hired labour		185	0	0	Hired labour		30	0	0
Hired oxen				0	Hired oxen		0	0	0
Land rentals				0	Land rentals				0
Miscellaneous				49	Miscellaneous				18
Total cost				1020	Total cost				382
3 Net income				4620	3 Net income				4298
Jowar	0.15	kg	Rs	Amount	Pulses	0.2	kg	Rs	Amount
1 Crop income					1 Crop income				
Main product		2000	1.88	3760	Main product		1300	6.9	8970
By product					By product				
Gross income				3760	Gross income				8970
2 Production cost					2 Production cost				
Seeds		30	1.88	56	Seeds		50	6.9	345
Fertilizers					Fertilizers				
N (30)		65	2.36	154	N (10)		22	2.36	52
P			3.8		P (20)		42	3.8	160
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		30	0	0	Hired labour		60	0	0
Hired oxen		5	0	0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				11	Miscellaneous				28
Total cost				221	Total cost				584
3 Net income				3539	3 Net income				8386
Gross Benefit:	5880 per ha basis								
Production Cost:	717 per ha basis								
Net Income:	5163 per ha basis								

Table E.39 Crop Budget on Main Crops per ha under With-project Condition for Sarojini Nagar Area (3/4) - Rabi, Irrigated -

Sarojini Nagar	Financial			Rabi			0.145 ha		
	Q'ty	Price	Amount	Q'ty	Price	Amount	Q'ty	Price	Amount
Wheat	0.68	kg	Rs	Rs	Oilseeds	0.05	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	3500	2.31	8085		Main product	1000	6.5	6500	
By product			0		By product	350	0	0	
Gross income			8085		Gross income			6500	
2 Production cost					2 Production cost				
Seeds	100	2.31	231		Seeds	5	6.5	33	
Fertilizers					Fertilizers				
N (120)	261	2.36	616		N (60)	130	2.36	307	
P (60)	125	3.8	475		P (40)	85	3.8	323	
K (40)	80	1.6	128		K (20)	40	1.6	64	
Agro-chemicals	25	13	325		Agro-chemicals	3	60	180	
Tools			0		Tools			0	
Irrigation fee			143		Irrigation fee			106	
Hired labour	60	0	0		Hired labour	30	0	0	
Hired oxen	5	0	0		Hired oxen	0	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			96		Miscellaneous			51	
Total cost			2014		Total cost			1063	
3 Net income			6071		3 Net income			5437	
Potatoes	0.06	kg	Rs	Rs	Pulses	0.15	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	20000	0.7	14000		Main product	2000	5.5	11000	
By product					By product				
Gross income			14000		Gross income			11000	
2 Production cost					2 Production cost				
Seeds	2500	0.7	1750		Seeds	100	5.5	550	
Fertilizers					Fertilizers				
N (100)	217	2.36	513		N (15)	33	2.36	78	
P (60)	125	3.8	475		P (40)	85	3.8	323	
K (60)	120	1.6	192		K		1.6		
Agro-chemicals	4	80	320		Agro-chemicals	3	80	240	
Tools			0		Tools			0	
Irrigation fee			178		Irrigation fee			106	
Hired labour	50	0	0		Hired labour	60	0	0	
Hired oxen	10	0	0		Hired oxen	10	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			171		Miscellaneous			65	
Total cost			3599		Total cost			1362	
3 Net income			10401		3 Net income			9638	
Gross Benefit:	8313 per ha basis								
Production Cost:	1843 per ha basis								
Net Income:	6470 per ha basis								

Table E.39 Crop Budget on Main Crops per ha under With-project Condition for Sarojini Nagar Area (4/4) - Rabi, Non-irrigated -

Sarojini Nagar		Financial			Rabi				
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Wheat	0.65	kg	Rs	Rs	Oilseeds	0.1	kg	Rs	
1 Crop income					1 Crop income				
Main product		2500	2.31	5775	Main product		800	6.5	
By product				0	By product		350	0	
Gross income				5775	Gross income			5200	
2 Production cost					2 Production cost				
Seeds		30	2.31	69	Seeds		5	6.5	
Fertilizers					Fertilizers				
N (80)		174	2.36	410	N (20)		44	2.36	
P (40)		83	3.8	317	P (5)		11	3.8	
K					K (0)		0		
Agro-chemicals				1	Agro-chemicals		20	0	
Tools				0	Tools			0	
Irrigation fee				264	Irrigation fee			0	
Hired labour		30	0	0	Hired labour		30	0	
Hired oxen		15	0	0	Hired oxen		0	0	
Land rentals				0	Land rentals			0	
Miscellaneous				53	Miscellaneous			9	
Total cost				1114	Total cost			187	
3 Net income				4661	3 Net income			5013	
Potatoes	0.05	Q'ty	Price	Amount	Pulses	0.15	Q'ty	Price	Amount
		kg	Rs	Rs			kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		18000	0.7	12600	Main product		1200	5.5	6600
By product					By product				
Gross income				12600	Gross income				6600
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds		50	5.5	275
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (5)		11	2.36	26
P (40)		83	3.8	317	P (10)		21	3.8	80
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		50	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				116	Miscellaneous				19
Total cost				2439	Total cost				400
3 Net income				10161	3 Net income				6200
Gross Benefit:	5894 per ha basis								
Production Cost:	925 per ha basis								
Net Income:	4969 per ha basis								

Table E.40 Crop Budget on Main Crops per ha under With-project Condition for Sataon Area (1/4) - Kharif, Irrigated -

Sataon	Financial			Kharif					
	Q'ty	Price	Amount	Q'ty	Price	Amount			
Paddy	0.68	kg	Rs	Rs	Oilseeds	0.1	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	4000	1.88	7520		Main product	1300	5.2	6760	
By product			0		By product	0	0	0	
Gross income			7520		Gross income			6760	
2 Production cost					2 Production cost				
Seeds	50	1.88	94		Seeds	90	5.2	468	
Fertilizers					Fertilizers				
N (120)	261	2.36	616		N (15)	33	2.36	78	
P (60)	125	3.8	475		P (30)	63	3.8	239	
K (60)	120	1.6	192		K (40)	80	1.6	128	
Agro-chemicals	3	80	240		Agro-chemicals	1	80	80	
Tools			0		Tools			0	
Irrigation fee			143		Irrigation fee			86	
Hired labour	185	0	0		Hired labour	30	0	0	
Hired oxen			0		Hired oxen	0	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			88		Miscellaneous			54	
Total cost			1848		Total cost			1133	
3 Net income			5672		3 Net income			5627	
Jowar	0	kg	Rs	Rs	Pulses	0.22	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	0	1.88	0		Main product	1500	6.9	10350	
By product			0		By product			0	
Gross income			0		Gross income			10350	
2 Production cost					2 Production cost				
Seeds	0	1.88	0		Seeds	15	6.9	104	
Fertilizers					Fertilizers				
N (30)	0	2.36	0		N (15)	33	2.36	78	
P		3.8			P (40)	83	3.8	315	
K		1.6			K		1.6		
Agro-chemicals		80			Agro-chemicals	1	80	80	
Tools			0		Tools			0	
Irrigation fee			0		Irrigation fee			86	
Hired labour	0	0	0		Hired labour	60	0	0	
Hired oxen	0	0	0		Hired oxen	10	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			0		Miscellaneous			33	
Total cost			0		Total cost			696	
3 Net income			0		3 Net income			9654	
Net Income:	8067 per ha basis								
Gross Benefit:	1523 per ha basis								
Production Cost:	6543 per ha basis								

Table E.40 Crop Budget on Main Crops per ha under With-project Condition for Sataon Area (2/4) - Kharif, Non-Irrigated -

Sataon		Financial			Kharif				
Paddy	0.5	Q'ty kg	Price Rs	Amount Rs	Oilseeds	0.15	Q'ty kg	Price Rs	Amount Rs
1	Crop income				1	Crop income			
	Main product	3000	1.88	5640		Main product	900	5.2	4680
	By product			0		By product	0	0	0
	Gross income			5640		Gross income			4680
2	Production cost				2	Production cost			
	Seeds	30	1.88	56		Seeds	50	5.2	260
	Fertilizers					Fertilizers			
	N (80)	174	2.36	410		N (20)	44	2.36	104
	P (30)	63	3.8	238		P (0)	0	3.8	0
	K					K (0)	0		0
	Agro-chemicals			18		Agro-chemicals	0	0	0
	Tools			0		Tools			0
	Irrigation fee			587		Irrigation fee			0
	Hired labour	185	0	0		Hired labour	30	0	0
	Hired oxen			0		Hired oxen	0	0	0
	Land rentals			0		Land rentals			0
	Miscellaneous			65		Miscellaneous			18
	Total cost			1375		Total cost			382
3	Net income			4265	3	Net income			4298
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Jowar	0.15	Q'ty kg	Price Rs	Amount Rs	Pulses	0.2	Q'ty kg	Price Rs	Amount Rs
1	Crop income				1	Crop income			
	Main product	2000	1.88	3760		Main product	1300	6.9	8970
	By product					By product			
	Gross income			3760		Gross income			8970
2	Production cost				2	Production cost			
	Seeds	30	1.88	56		Seeds	50	6.9	345
	Fertilizers					Fertilizers			
	N (30)	65	2.36	154		N (10)	22	2.36	52
	P		3.8			P (20)	42	3.8	160
	K					K			0
	Agro-chemicals					Agro-chemicals			0
	Tools			0		Tools			0
	Irrigation fee			0		Irrigation fee			0
	Hired labour	30	0	0		Hired labour	60	0	0
	Hired oxen	5	0	0		Hired oxen	10	0	0
	Land rentals			0		Land rentals			0
	Miscellaneous			11		Miscellaneous			28
	Total cost			221		Total cost			584
3	Net income			3539	3	Net income			8386
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Gross Income:	5880 ha basis								
Production Cost:	895 ha basis								
Net Income:	4985 ha basis								

Table E.40 Crop Budget on Main Crops per ha under With-project Condition for Sataon Area (3/4) - Rabi, Irrigated -

Sataon	Financial			Rabi			0.145 ha		
	Q'ty	Price	Amount	Q'ty	Price	Amount			
Wheat	0.68	kg	Rs	Rs	Oilseeds	0.05	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	3500	2.31	8085		Main product	1000	6.5	6500	
By product			0		By product	350	0	0	
Gross income			8085		Gross income			6500	
2 Production cost					2 Production cost				
Seeds	100	2.31	231		Seeds	5	6.5	33	
Fertilizers					Fertilizers				
N (120)	261	2.36	616		N (60)	130	2.36	307	
P (60)	125	3.8	475		P (40)	85	3.8	323	
K (40)	80	1.6	128		K (20)	40	1.6	64	
Agro-chemicals	25	13	325		Agro-chemicals	3	60	180	
Tools			0		Tools			0	
Irrigation fee			143		Irrigation fee			106	
Hired labour	60	0	0		Hired labour	30	0	0	
Hired oxen	5	0	0		Hired oxen	0	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			96		Miscellaneous			51	
Total cost			2014		Total cost			1063	
3 Net income			6071		3 Net income			5437	
Potatoes	0.06	kg	Rs	Rs	Pulses	0.15	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	20000	0.7	14000		Main product	2000	5.5	11000	
By product					By product				
Gross income			14000		Gross income			11000	
2 Production cost					2 Production cost				
Seeds	2500	0.7	1750		Seeds	100	5.5	550	
Fertilizers					Fertilizers				
N (100)	217	2.36	513		N (15)	33	2.36	78	
P (60)	125	3.8	475		P (40)	85	3.8	323	
K (60)	120	1.6	192		K		1.6		
Agro-chemicals	4	80	320		Agro-chemicals	3	80	240	
Tools			0		Tools			0	
Irrigation fee			178		Irrigation fee			106	
Hired labour	50	0	0		Hired labour	60	0	0	
Hired oxen	10	0	0		Hired oxen	10	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			171		Miscellaneous			65	
Total cost			3599		Total cost			1362	
3 Net income			10401		3 Net income			9638	
Gross Benefit:	8313 per ha basis								
Production Cost:	1843 per ha basis								
Net Income:	6470 per ha basis								

Table E.40 Crop Budget on Main Crops per ha under With-project Condition for Sataon Area (4/4) - Rabi, Non-irrigated -

Sataon	Financial			Rabi					
	Q'ty	Price	Amount	Q'ty	Price	Amount			
Wheat	0.65	kg	Rs	Rs	Oilseeds	0.1	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		2500	2.31	5775	Main product		800	6.5	5200
By product				0	By product		350	0	0
Gross income				5775	Gross income				5200
2 Production cost					2 Production cost				
Seeds		30	2.31	69	Seeds		5	6.5	33
Fertilizers					Fertilizers				
N (80)		174	2.36	410	N (20)		44	2.36	104
P (40)		83	3.8	317	P (5)		11	3.8	42
K					K (0)		0		0
Agro-chemicals				8	Agro-chemicals		0	0	0
Tools				0	Tools				0
Irrigation fee				587	Irrigation fee				0
Hired labour		30	0	0	Hired labour		30	0	0
Hired oxen		15	0	0	Hired oxen		0	0	0
Land rentals				0	Land rentals				0
Miscellaneous				70	Miscellaneous				9
Total cost				1461	Total cost				187
3 Net income				4314	3 Net income				5013
Potatoes	0.05	kg	Rs	Amount	Pulses	0.15	kg	Rs	Amount
1 Crop income					1 Crop income				
Main product		18000	0.7	12600	Main product		1200	5.5	6600
By product					By product				
Gross income				12600	Gross income				6600
2 Production cost					2 Production cost				
Seeds		2500	0.7	1750	Seeds		50	5.5	275
Fertilizers					Fertilizers				
N (50)		109	2.36	257	N (5)		11	2.36	26
P (40)		83	3.8	317	P (10)		21	3.8	80
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		50	0	0	Hired labour		60	0	0
Hired oxen		10	0	0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				116	Miscellaneous				19
Total cost				2439	Total cost				400
3 Net income				10161	3 Net income				6200
Gross Income:	5894 per ha basis								
Production Cost:	1150 per ha basis								
Net Income:	4744 per ha basis								

Table E.41 Crop Budget on Main Crops per ha under With-project Condition for Sursa Area (1/4) - Kharif, Irrigated -

Sursa	Financial			Kharif					
	Q'ty	Price	Amount	Q'ty	Price	Amount			
Paddy	0.58	kg	Rs	Rs	Oilseeds	0.1	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	4000	1.88	7520		Main product	1300	5.2	6760	
By product			0		By product	0	0	0	
Gross income			7520		Gross income			6760	
2 Production cost					2 Production cost				
Seeds	50	1.88	94		Seeds	90	5.2	468	
Fertilizers					Fertilizers				
N (120)	261	2.36	616		N (15)	33	2.36	78	
P (60)	125	3.8	475		P (30)	63	3.8	239	
K (60)	120	1.6	192		K (40)	80	1.6	128	
Agro-chemicals	3	80	240		Agro-chemicals	1	80	80	
Tools			0		Tools			0	
Irrigation fee			143		Irrigation fee			86	
Hired labour	185	0	0		Hired labour	30	0	0	
Hired oxen			0		Hired oxen	0	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			88		Miscellaneous			54	
Total cost			1848		Total cost			1133	
3 Net income			5672		3 Net income			5627	
Jowar	0	kg	Rs	Rs	Pulses	0.22	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	0	1.88	0		Main product	1500	6.9	10350	
By product			0		By product			0	
Gross income			0		Gross income			10350	
2 Production cost					2 Production cost				
Seeds	0	1.88	0		Seeds	15	6.9	104	
Fertilizers					Fertilizers				
N (30)	0	2.36	0		N (15)	33	2.36	78	
P		3.8			P (40)	83	3.8	315	
K		1.6			K		1.6		
Agro-chemicals		80			Agro-chemicals	1	80	80	
Tools			0		Tools			0	
Irrigation fee			0		Irrigation fee			86	
Hired labour	0	0	0		Hired labour	60	0	0	
Hired oxen	0	0	0		Hired oxen	10	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			0		Miscellaneous			33	
Total cost			0		Total cost			696	
3 Net income			0		3 Net income			9654	
Gross Benefit:	7315 per ha basis								
Production Cost:	1338 per ha basis								
Net Income:	5976 per ha basis								

Table E.41 Crop Budget on Main Crops per ha under With-project Condition for Sursa Area (2/4) - Kharif, Non-irrigated -

Sursa		Financial			Kharif				
Paddy	0.5	Q'ty kg	Price Rs	Amount Rs	Oilseeds	0.1	Q'ty kg	Price Rs	Amount Rs
1	Crop income				1	Crop income			
	Main product	3000	1.88	5640		Main product	900	5.2	4680
	By product			0		By product	350	0	0
	Gross income			5640		Gross income			4680
2	Production cost				2	Production cost			
	Seeds	30	1.88	56		Seeds	50	5.2	260
	Fertilizers					Fertilizers			
	N (80)	174	2.36	410		N (20)	44	2.36	104
	P (30)	63	3.8	238		P (0)	0	3.8	0
	K					K (0)	0		0
	Agro-chemicals			5		Agro-chemicals	0	0	0
	Tools			0		Tools			0
	Irrigation fee			215		Irrigation fee			0
	Hired labour	185	0	0		Hired labour	30	0	0
	Hired oxen			0		Hired oxen	0	0	0
	Land rentals			0		Land rentals			0
	Miscellaneous			46		Miscellaneous			18
	Total cost			970		Total cost			382
3	Net income			4670	3	Net income			4298
Jowar/Maize		0.2			Pulses		0.2		
		Q'ty kg	Price Rs	Amount Rs			Q'ty kg	Price Rs	Amount Rs
1	Crop income				1	Crop income			
	Main product	2000	1.88	3760		Main product	1300	6.9	8970
	By product					By product			
	Gross income			3760		Gross income			8970
2	Production cost				2	Production cost			
	Seeds	30	1.88	56		Seeds	50	6.9	345
	Fertilizers					Fertilizers			
	N (30)	65	2.36	154		N (10)	22	2.36	52
	P		3.8			P (20)	42	3.8	160
	K					K			
	Agro-chemicals					Agro-chemicals			0
	Tools			0		Tools			0
	Irrigation fee			0		Irrigation fee			0
	Hired labour	30	0	0		Hired labour	60	0	0
	Hired oxen	5	0	0		Hired oxen	10	0	0
	Land rentals			0		Land rentals			0
	Miscellaneous			11		Miscellaneous			28
	Total cost			221		Total cost			584
3	Net income			3539	3	Net income			8386
Gross Benefit:		5834 per ha basis			Gross Benefit:		8386 per ha basis		
Production Cost:		684 per ha basis			Production Cost:		584 per ha basis		
Net Income:		5150 per ha basis			Net Income:		2802 per ha basis		

Table E.41 Crop Budget on Main Crops per ha under With-project Condition for Sursa Area (3/4) - Rabi, Irrigated -

Sursa	Economic			Rabi			0.1325 ha		
	Q'ty	Price	Amount	Q'ty	Price	Amount	Q'ty	Price	Amount
Wheat	0.58	kg	Rs	Rs	Oilseeds	0.05	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	3500	2.31	8085		Main product	1000	6.5	6500	
By product			0		By product	350	0	0	
Gross income			8085		Gross income			6500	
2 Production cost					2 Production cost				
Seeds	100	2.31	231		Seeds	5	6.5	33	
Fertilizers					Fertilizers				
N (120)	261	2.36	616		N (60)	130	2.36	307	
P (60)	125	3.8	475		P (40)	85	3.8	323	
K (40)	80	1.6	128		K (20)	40	1.6	64	
Agro-chemicals	25	13	325		Agro-chemicals	3	60	180	
Tools			0		Tools			0	
Irrigation fee			143		Irrigation fee			106	
Hired labour	60	0	0		Hired labour	30	0	0	
Hired oxen	5	0	0		Hired oxen	0	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			96		Miscellaneous			51	
Total cost			2014		Total cost			1063	
3 Net income			6071		3 Net income			5437	
Potatoes	0.06	kg	Rs	Rs	Pulses	0.15	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	20000	0.7	14000		Main product	2000	5.5	11000	
By product					By product				
Gross income			14000		Gross income			11000	
2 Production cost					2 Production cost				
Seeds	2500	0.7	1750		Seeds	100	5.5	550	
Fertilizers					Fertilizers				
N (100)	217	2.36	513		N (15)	33	2.36	78	
P (60)	125	3.8	475		P (40)	85	3.8	323	
K (60)	120	1.6	192		K		1.6		
Agro-chemicals	4	80	320		Agro-chemicals	3	80	240	
Tools			0		Tools			0	
Irrigation fee			178		Irrigation fee			106	
Hired labour	50	0	0		Hired labour	60	0	0	
Hired oxen	10	0	0		Hired oxen	10	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			171		Miscellaneous			65	
Total cost			3599		Total cost			1362	
3 Net income			10401		3 Net income			9638	
Gross Benefit:	7504 per ha basis								
Production Cost:	1641 per ha basis								
Net Income:	5863 per ha basis								

Table E.41 Crop Budget on Main Crops per ha under With-project Condition for Sursa Area (4/4) - Rabi, Non-irrigated -

Sursa		Financial			Rabi			
		Q'ty	Price	Amount		Q'ty	Price	Amount
Wheat	0.65	kg	Rs	Rs	Oilseeds	0.1	kg	Rs
1 Crop income					1 Crop income			
Main product		2500	2.31	5775	Main product		800	6.5
By product				0	By product		350	0
Gross income				5775	Gross income			5200
2 Production cost					2 Production cost			
Seeds		30	2.31	411	Seeds		5	6.5
Fertilizers					Fertilizers			
N (80)		174	2.36	410	N (20)		44	2.36
P (40)		83	3.8	317	P (5)		11	3.8
K					K (0)		0	
Agro-chemicals				5	Agro-chemicals		20	0
Tools				0	Tools			0
Irrigation fee				215	Irrigation fee			0
Hired labour		30	0	0	Hired labour		30	0
Hired oxen		15	0	0	Hired oxen		0	0
Land rentals				0	Land rentals			0
Miscellaneous				68	Miscellaneous			9
Total cost				1425	Total cost			187
3 Net income				4350	3 Net income			5013
Potatoes		0.05			Pulses		0.15	
		kg	Rs	Rs		kg	Rs	Rs
1 Crop income					1 Crop income			
Main product		18000	0.7	12600	Main product		1200	5.5
By product					By product			
Gross income				12600	Gross income			6600
2 Production cost					2 Production cost			
Seeds		2500	0.7	1750	Seeds		50	5.5
Fertilizers					Fertilizers			
N (50)		109	2.36	257	N (5)		11	2.36
P (40)		83	3.8	317	P (10)		21	3.8
K					K			
Agro-chemicals					Agro-chemicals			0
Tools				0	Tools			0
Irrigation fee				0	Irrigation fee			0
Hired labour		50	0	0	Hired labour		60	0
Hired oxen		10	0	0	Hired oxen		10	0
Land rentals				0	Land rentals			0
Miscellaneous				116	Miscellaneous			19
Total cost				2439	Total cost			400
3 Net income				10161	3 Net income			6200
Gross Benefit:	5914 per ha basis							
Production Cost:	1128 per ha basis							
Net Benefit:	4785 per ha basis							

Table E.42 Crop Budget on Main Crops per ha under With-project Condition for Purwa Area (1/4) - Kharif, Irrigated -

Purwa	Financial			Kharif					
	Q'ty	Price	Amount	Q'ty	Price	Amount			
Paddy	0.68	kg	Rs	Rs	Oilseeds	0.1	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	4000	1.88	7520		Main product	1300	5.2	6760	
By product			0		By product	0	0	0	
Gross income			7520		Gross income			6760	
2 Production cost					2 Production cost				
Seeds	50	1.88	94		Seeds	90	5.2	468	
Fertilizers					Fertilizers				
N (120)	261	2.36	616		N (15)	33	2.36	78	
P (60)	125	3.8	475		P (30)	63	3.8	239	
K (60)	120	1.6	192		K (40)	80	1.6	128	
Agro-chemicals	3	80	240		Agro-chemicals	1	80	80	
Tools			0		Tools			0	
Irrigation fee			143		Irrigation fee			86	
Hired labour	185	0	0		Hired labour	30	0	0	
Hired oxen			0		Hired oxen	0	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			88		Miscellaneous			54	
Total cost			1848		Total cost			1133	
3 Net income			5672		3 Net income			5627	
Jowar	0	kg	Rs	Rs	Pulses	0.22	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	0	2.092	0		Main product	1500	6.9	10350	
By product			0		By product			0	
Gross income			0		Gross income			10350	
2 Production cost					2 Production cost				
Seeds	0	2.092	0		Seeds	15	6.9	104	
Fertilizers					Fertilizers				
N (30)	0	3.391	0		N (15)	33	2.36	78	
P		3.145			P (40)	83	3.8	315	
K					K				
Agro-chemicals					Agro-chemicals	1	80	80	
Tools			0		Tools			0	
Irrigation fee			0		Irrigation fee			86	
Hired labour	0	12	0		Hired labour	60	0	0	
Hired oxen	0	24	0		Hired oxen	10	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			0		Miscellaneous			33	
Total cost			0		Total cost			696	
3 Net income			0		3 Net income			9654	
Gross Benefit:	8067 per ha basis								
Production Cost:	1523 per ha basis								
Net Income:	6543 per ha basis								

Table E.42 Crop Budget on Main Crops per ha under With-project Condition for Purwa Area (2/4) - Kharif, Non-irrigated -

Purwa		Financial			Kharif				
		Q'ty	Price	Amount			Q'ty	Price	Amount
Paddy	0.5	kg	Rs	Rs	Oilseeds	0.1	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		3000	1.88	5640	Main product		900	5.2	4680
By product				0	By product		0	0	0
Gross income				5640	Gross income				4680
2 Production cost					2 Production cost				
Seeds		30	1.88	56	Seeds		50	5.2	260
Fertilizers					Fertilizers				
N (80)		174	2.36	410	N (20)		44	2.36	104
P (30)		63	3.8	238	P (0)		0	3.8	0
K					K (0)		0		0
Agro-chemicals				2	Agro-chemicals		0	0	0
Tools				0	Tools				0
Irrigation fee				282	Irrigation fee				0
Hired labour		185	0	0	Hired labour		30	0	0
Hired oxen				0	Hired oxen		0	0	0
Land rentals				0	Land rentals				0
Miscellaneous				49	Miscellaneous				18
Total cost				1038	Total cost				382
3 Net income				4602	3 Net income				4298
Jowar/Maize	0.2	Q'ty	Price	Amount	Pulses	0.2	Q'ty	Price	Amount
		kg	Rs	Rs			kg	Rs	Rs
1 Crop income					1 Crop income				
Main product		2000	2.092	4184	Main product		1300	6.9	8970
By product					By product				
Gross income				4184	Gross income				8970
2 Production cost					2 Production cost				
Seeds		30	2.092	63	Seeds		50	6.9	345
Fertilizers					Fertilizers				
N (30)		65	2.36	154	N (10)		22	2.36	52
P			3.8		P (20)		42	3.8	160
K					K				
Agro-chemicals					Agro-chemicals				0
Tools				0	Tools				0
Irrigation fee				0	Irrigation fee				0
Hired labour		30	0	0	Hired labour		60	0	0
Hired oxen		5	0	0	Hired oxen		10	0	0
Land rentals				0	Land rentals				0
Miscellaneous				11	Miscellaneous				28
Total cost				228	Total cost				584
3 Net income				3956	3 Net income				8386
Gross Benefit:	5919 per ha basis								
Production cost:	719 per ha basis								
Net Income:	5199 per ha basis								

Table E.42 Crop Budget on Main Crops per ha under With-project Condition for Purwa Area (3/4) - Rabi, Irrigated -

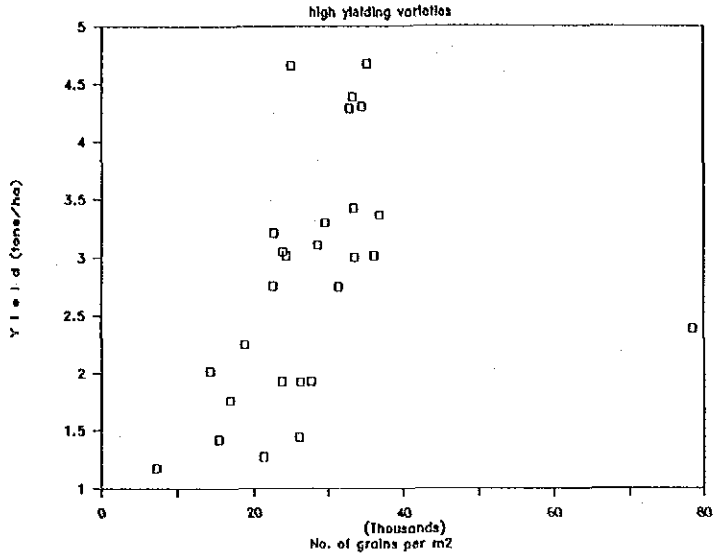
Purwa	Financial			Rabi					
	Q'ty	Price	Amount	Q'ty	Price	Amount			
Wheat	0.68	kg	Rs	Rs	Oilseeds	0.05	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	3500	2.31	8085		Main product	1000	6.5	6500	
By product			0		By product	350	0	0	
Gross income			8085		Gross income			6500	
2 Production cost					2 Production cost				
Seeds	100	2.31	231		Seeds	5	6.5	33	
Fertilizers					Fertilizers				
N (120)	261	2.36	616		N (60)	130	2.36	307	
P (60)	125	3.8	475		P (40)	85	3.8	323	
K (40)	80	1.6	128		K (20)	40	1.6	64	
Agro-chemicals	25	13	325		Agro-chemicals	3	60	180	
Tools			0		Tools			0	
Irrigation fee			143		Irrigation fee			106	
Hired labour	60	0	0		Hired labour	30	0	0	
Hired oxen	5	0	0		Hired oxen	0	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			96		Miscellaneous			51	
Total cost			2014		Total cost			1063	
3 Net income			6071		3 Net income			5437	
		Q'ty	Price	Amount		Q'ty	Price	Amount	
Potatoes	0.06	kg	Rs	Rs	Pulses	0.15	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	20000	0.7	14000		Main product	2000	5.5	11000	
By product					By product				
Gross income			14000		Gross income			11000	
2 Production cost					2 Production cost				
Seeds	2500	0.7	1750		Seeds	100	5.5	550	
Fertilizers					Fertilizers				
N (100)	217	2.36	513		N (15)	33	2.36	78	
P (60)	125	3.8	475		P (40)	85	3.8	323	
K (60)	120	1.6	192		K		1.6		
Agro-chemicals	4	80	320		Agro-chemicals	3	80	240	
Tools			0		Tools			0	
Irrigation fee			178		Irrigation fee			106	
Hired labour	50	0	0		Hired labour	60	0	0	
Hired oxen	10	0	0		Hired oxen	10	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			171		Miscellaneous			65	
Total cost			3599		Total cost			1362	
3 Net income			10401		3 Net income			9638	
Gross Benefit:	8313 per ha basis								
Production cost:	1843 per ha basis								
Net Income:	6470 per ha basis								

Table E.42 Crop Budget on Main Crops per ha under With-project Condition for Purwa Area (4/4) - Rabi, Non-irrigated -

Purwa	Financial			Rabi					
	Q'ty	Price	Amount	Q'ty	Price	Amount			
Wheat	0.65	kg	Rs	Rs	Oilseeds	0.1	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	2500	2.31	5775		Main product	800	6.5	5200	
By product			0		By product	350	0	0	
Gross income			5775		Gross income			5200	
2 Production cost					2 Production cost				
Seeds	30	2.31	69		Seeds	5	6.5	33	
Fertilizers					Fertilizers				
N (80)	174	2.36	410		N (20)	44	2.36	104	
P (40)	83	3.8	317		P (5)	11	3.8	42	
K			2		K (0)	0		0	
Agro-chemicals			0		Agro-chemicals	0	0	0	
Tools			0		Tools			0	
Irrigation fee			151		Irrigation fee			0	
Hired labour	30	12	360		Hired labour	30	0	0	
Hired oxen	15	24	360		Hired oxen	0	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			83		Miscellaneous			9	
Total cost			1753		Total cost			187	
3 Net income			4022		3 Net income			5013	
Potatoes	0.05	kg	Rs	Rs	Pulses	0.15	kg	Rs	Rs
1 Crop income					1 Crop income				
Main product	18000	0.7	12600		Main product	1200	5.5	6600	
By product					By product				
Gross income			12600		Gross income			6600	
2 Production cost					2 Production cost				
Seeds	2500	0.7	1750		Seeds	50	5.5	275	
Fertilizers					Fertilizers				
N (50)	109	2.36	257		N (5)	11	2.36	26	
P (40)	83	3.8	317		P (10)	21	3.8	80	
K					K				
Agro-chemicals					Agro-chemicals			0	
Tools			0		Tools			0	
Irrigation fee			0		Irrigation fee			0	
Hired labour	50	0	0		Hired labour	60	0	0	
Hired oxen	10	0	0		Hired oxen	10	0	0	
Land rentals			0		Land rentals			0	
Miscellaneous			116		Miscellaneous			19	
Total cost			2439		Total cost			400	
3 Net income			10161		3 Net income			6200	
Gross Benefit:	5894 per ha basis								
Production cost:	1340 per ha basis								
Net Income:	4553 per ha basis								

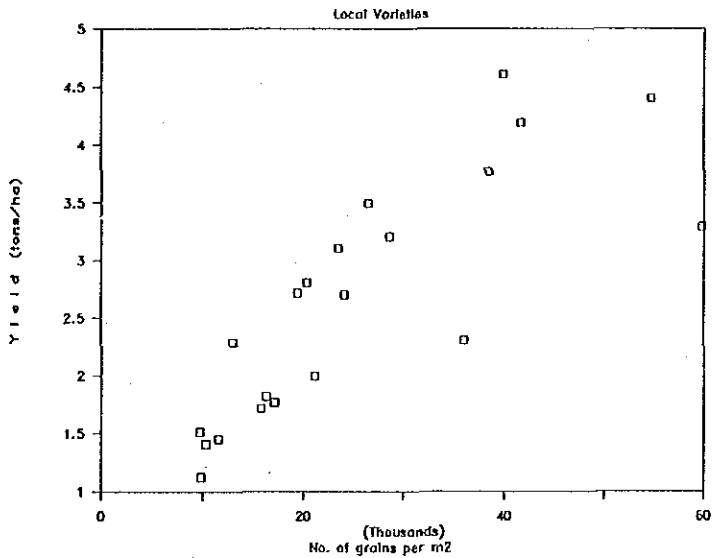
FIGURES

RELATION BETWEEN YIELD & GRAIN NO.



Grain No. vs. Yield (HYV)
 Nos. of samples: 27
 Constant: 2.00
 X Coefficient: 0.029
 r: 0.34*

RELATIONSHIP BETWEEN YIELD & GRAIN NO.

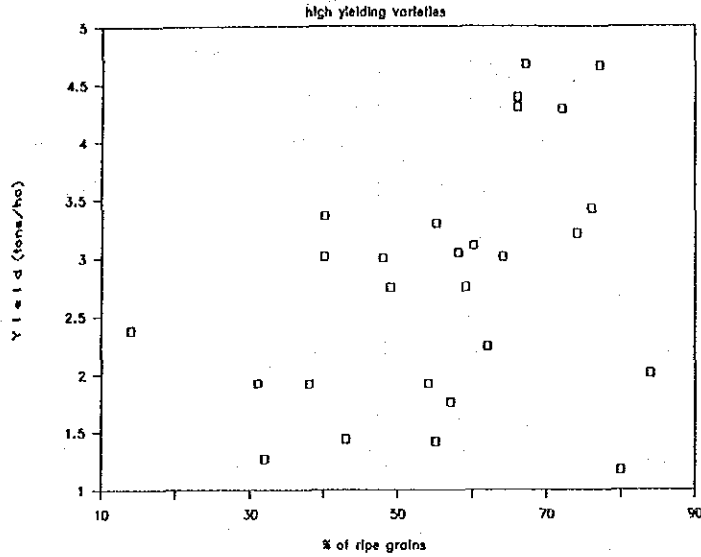


Grain No. vs. Yield (local)
 Nos. of samples: 21
 Constant: 1.15
 X Coefficient: 0.059
 r: 0.81***

Fig.E.1 The Results of Paddy Yield Survey
 - Relation between nos. of grain per m² and yield -

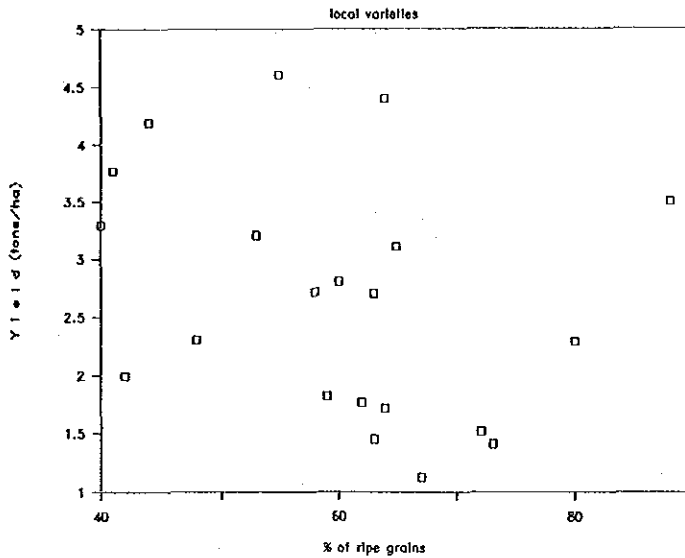
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RELATION BETWEEN YIELD & RIPE GRAIN %



Ripe Grain % vs. Yield (HYV)
 Nos. of samples: 27
 Constant: 1.49
 X Coefficient: 0.023
 r: 0.374*

RELATION BETWEEN YIELD & RIPE GRAIN %

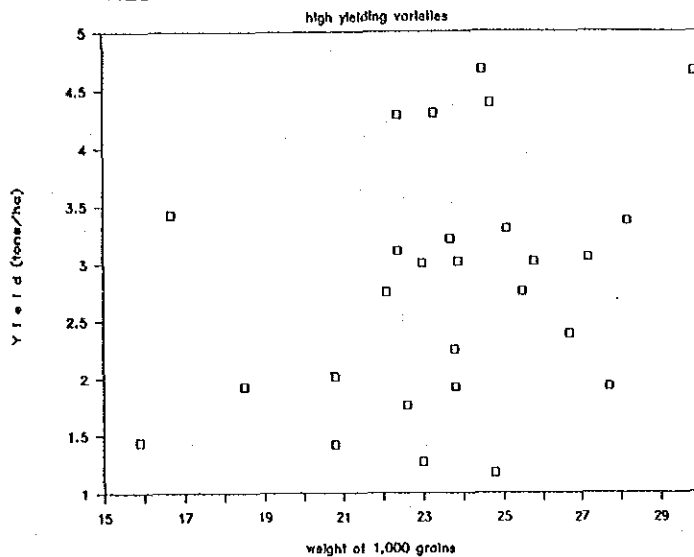


Ripe Grain % vs. Yield (local)
 Nos. of samples: 21
 Constant: 4.15
 X Coefficient: -0.025
 r: 0.301

Fig.E.2 The Results of Paddy Yield Survey
 - Relation between ripe grain percentage and yield -

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RELATION BETWEEN YIELD & GRAIN WEIGHT



Grain weight vs. Yield (HYV)

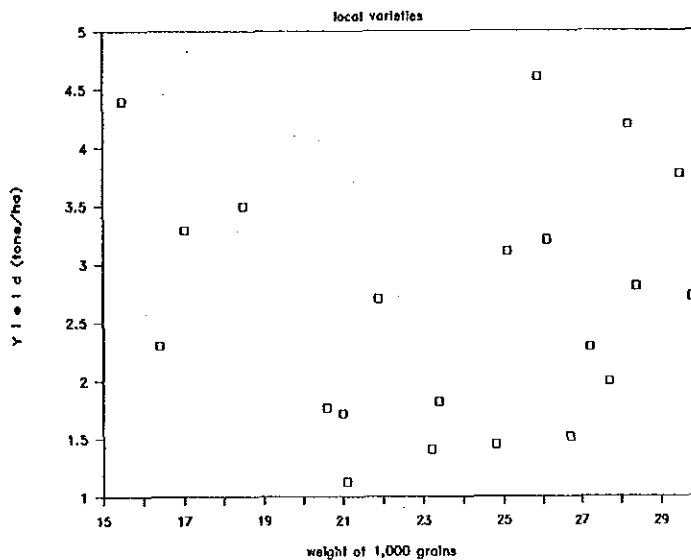
Nos. of samples: 27

Constant: 0.30

X Coefficient: 0.106

r: 0.326*

RELATION BETWEEN YIELD & GRAIN WEIGHT



Grain weight vs. Yield (local)

Nos. of samples: 21

Constant: 2.54

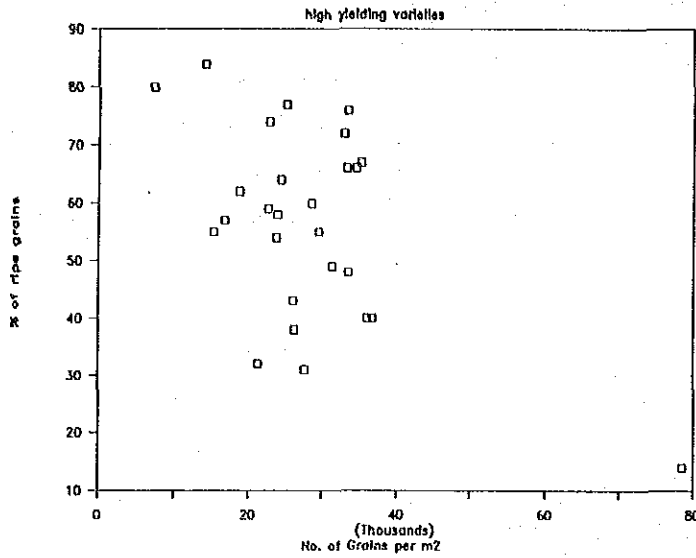
X Coefficient: 0.004

r: 0.019

Fig.E.3 The Results of Paddy Yield Survey
- Relation between 1,000 grains weight and yield -

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RELATION BETWEEN GRAIN NO. & RIPE GRAIN



Grain No. vs. Ripe Grain % (HVY)

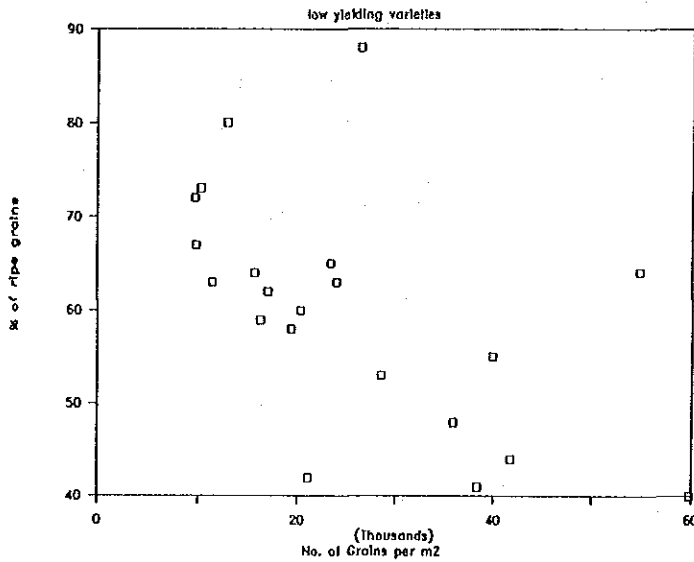
Nos. of samples: 27

Constant: 77.0

X Coefficient: -0.739

r: 0.549***

RELATION BETWEEN GRAIN NO. & RIPE GRAIN



Grain No. vs. Ripe Grain % (local)

Nos. of samples: 21

Constant: 72.4

X Coefficient: -0.481

r: 0.553***

Fig.E.4 The Results of Paddy Yield Survey
- Relation between nos. of grain per m²
and ripe grain percentage -

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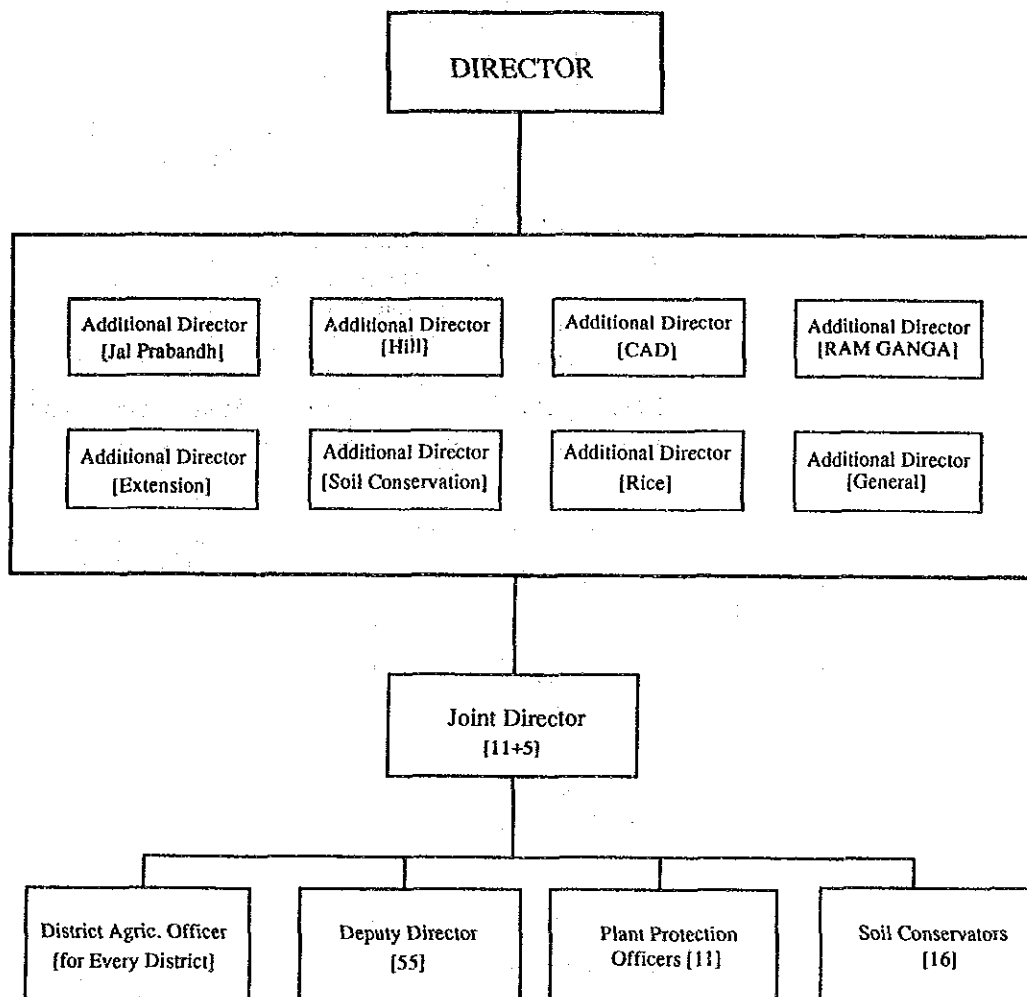


Fig. E.5 Organizational Setting of the Department of Agriculture

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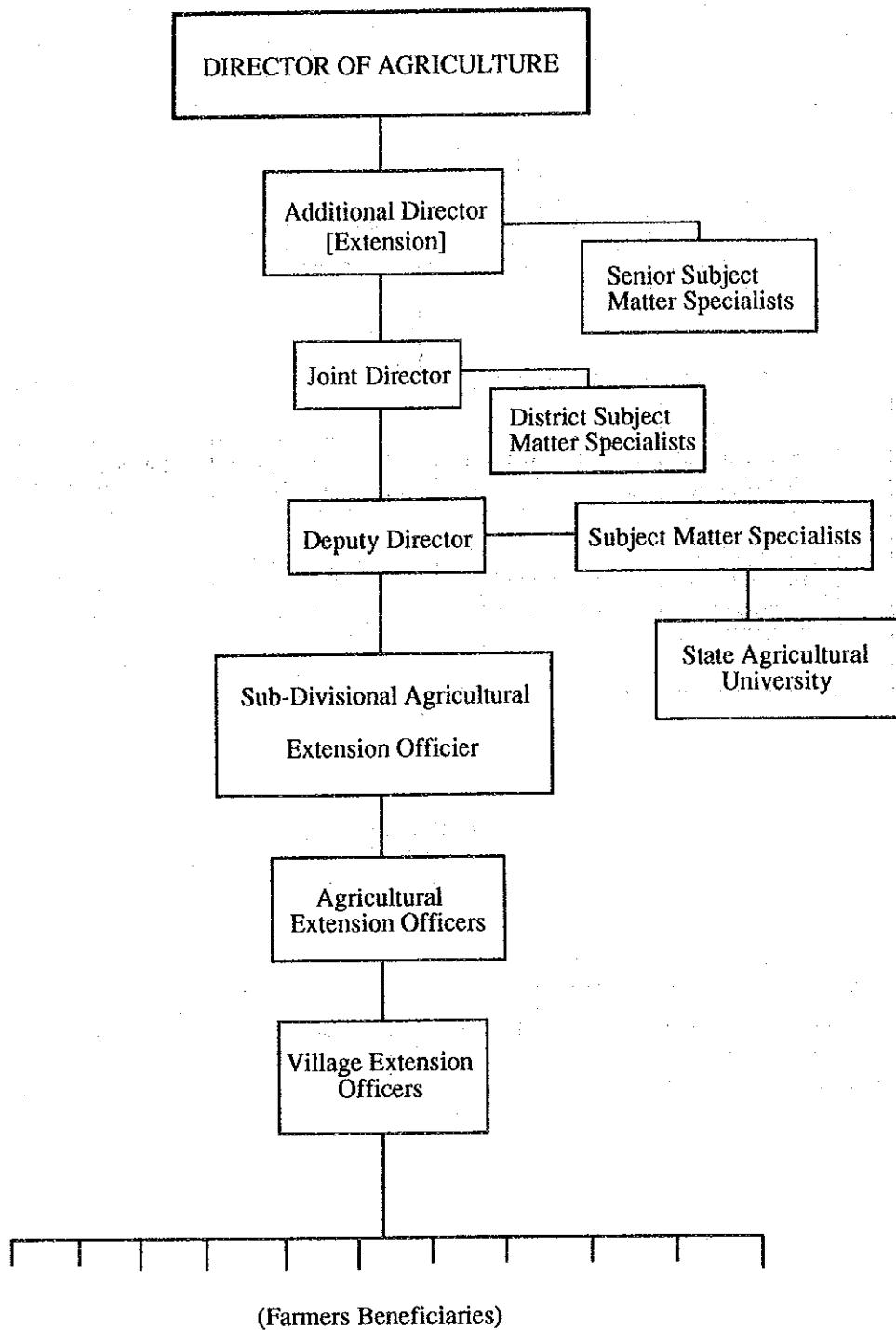


Fig. E.6 Administrative Structure of T&V System

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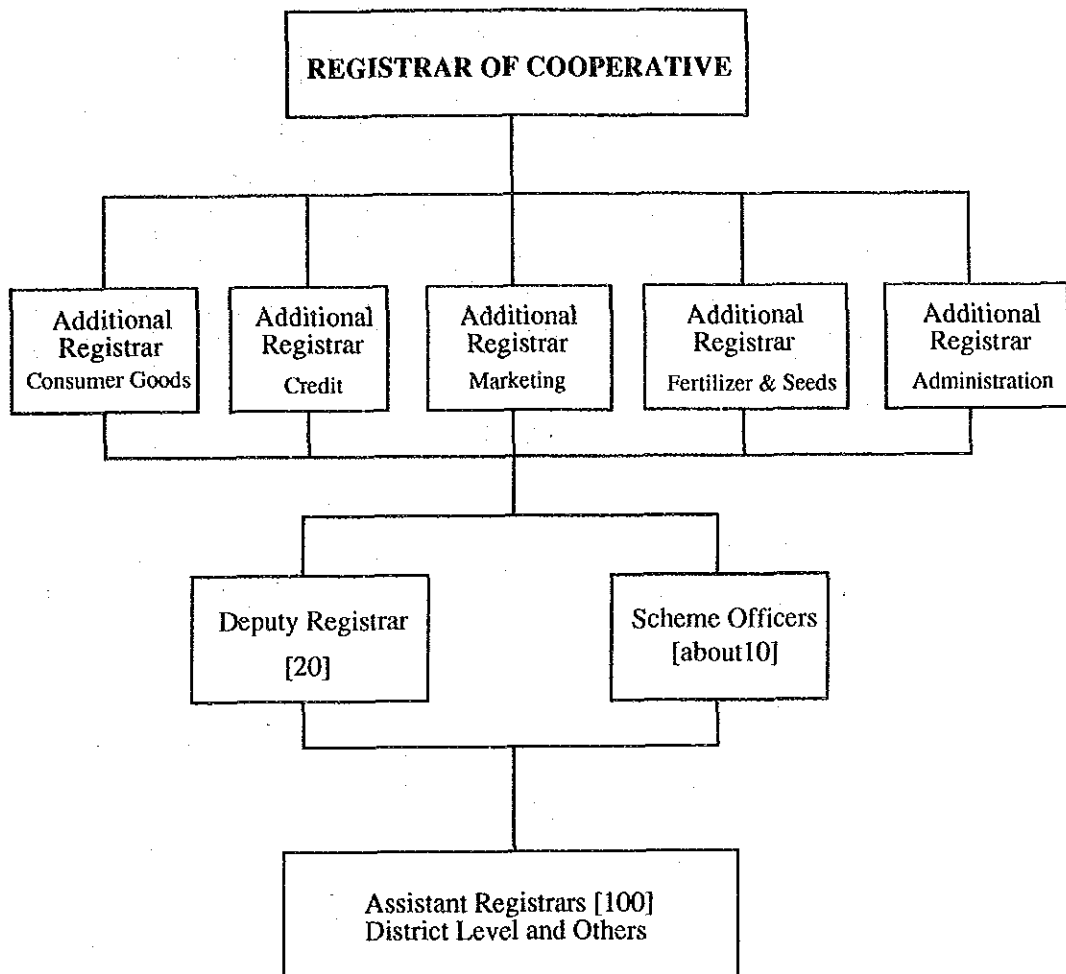


Fig. E.7 Organizational Setting of Cooperative Department

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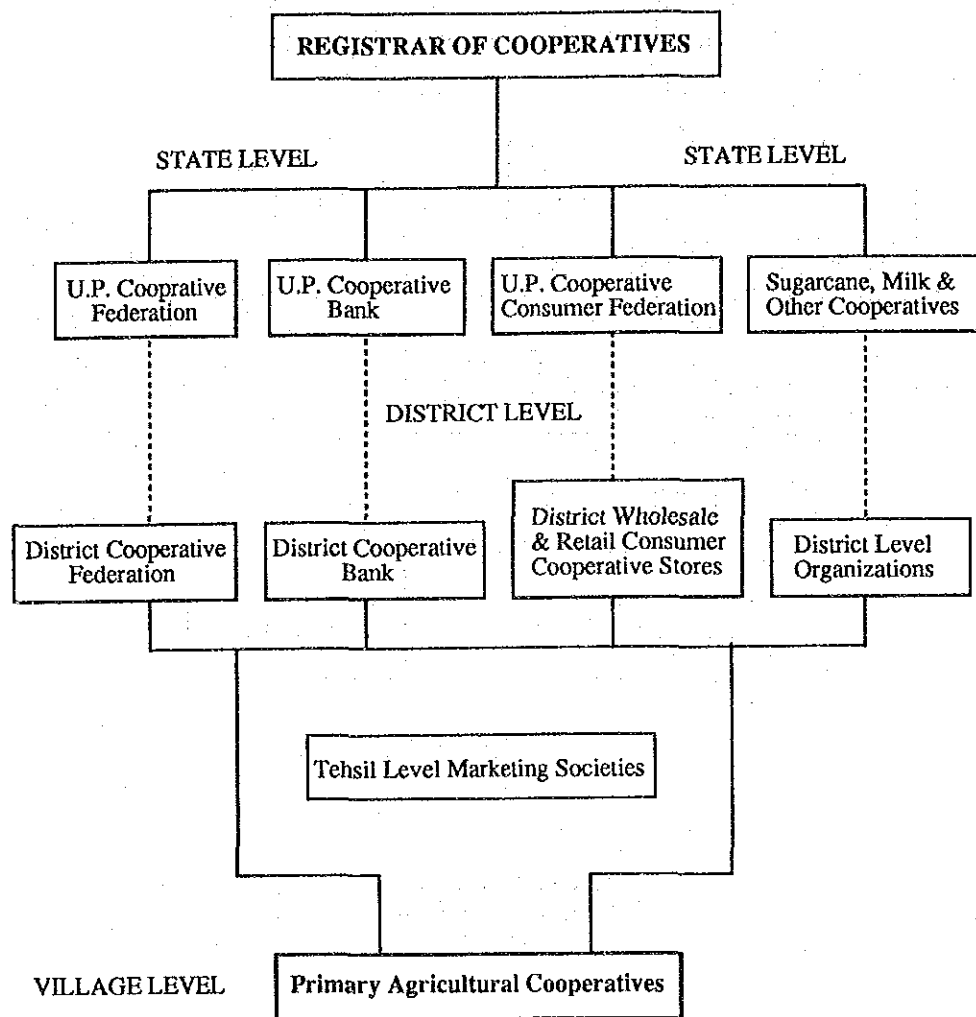


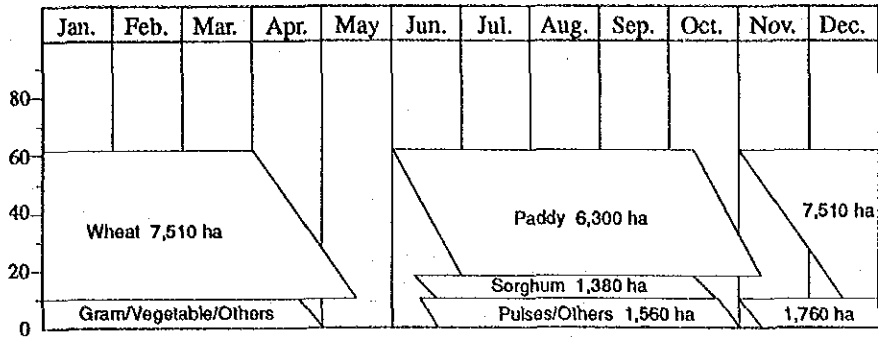
Fig. E.8 Network of Cooperative Institutions from State to Village Level

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PRESENT CROPPING PATTERN IN REPRESENTATIVE AREA

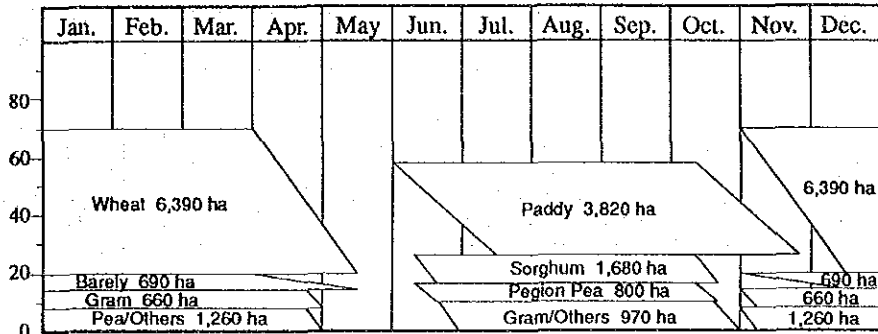
SAROJINI NAGAR

(CCA: 14,862 ha)



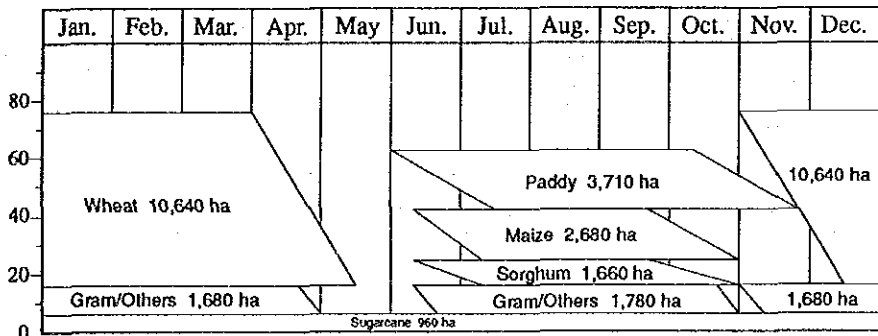
SATAON

(CCA: 12,874 ha)



SURSA

(CCA: 17,313 ha)



PURWA

(CCA: 12,252 ha)

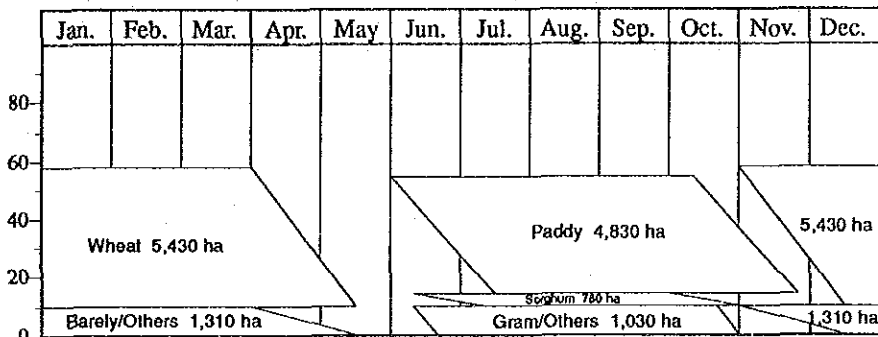


Fig. E.9 Present Cropping Pattern

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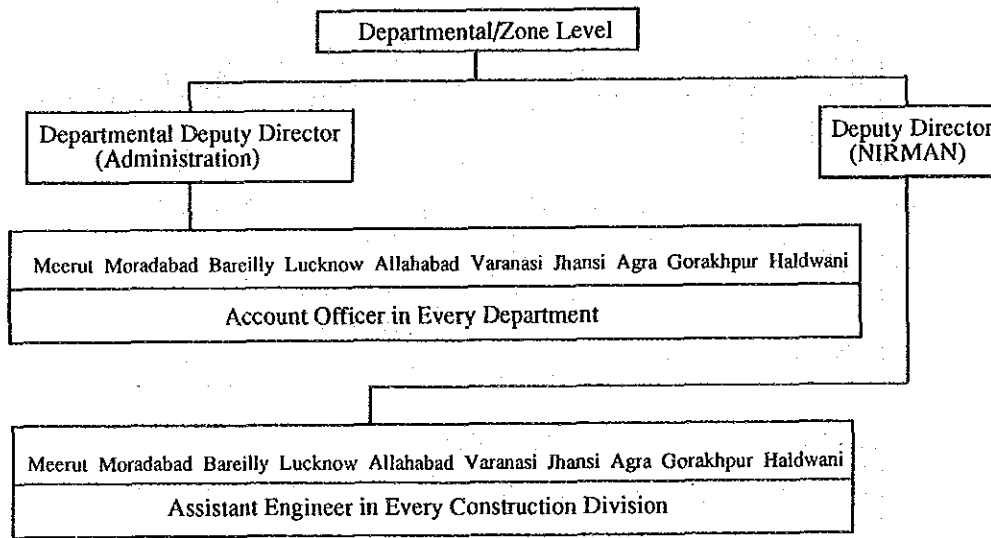
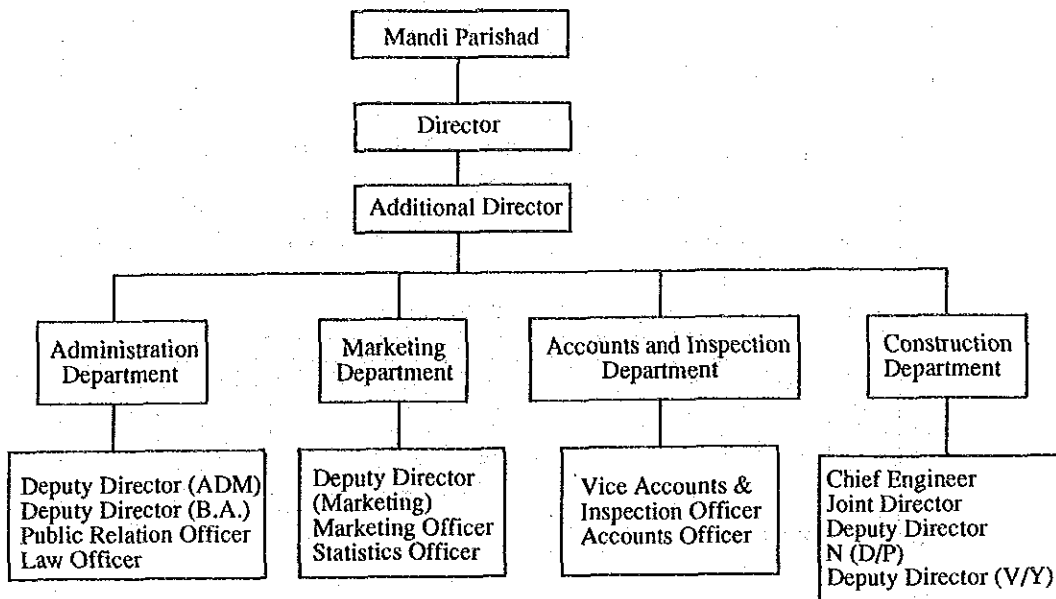
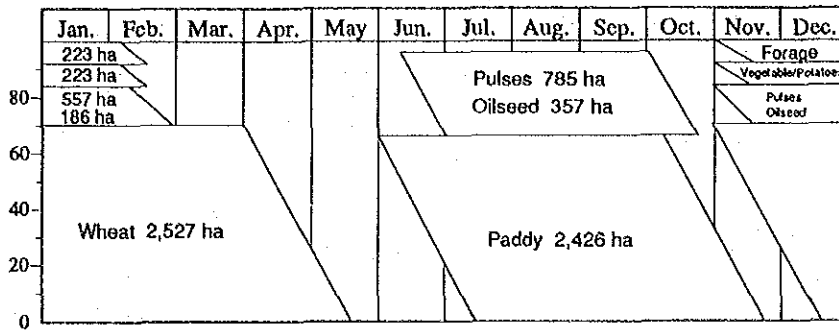


Fig. E.10 Organization Chart of the Mandi Parishad

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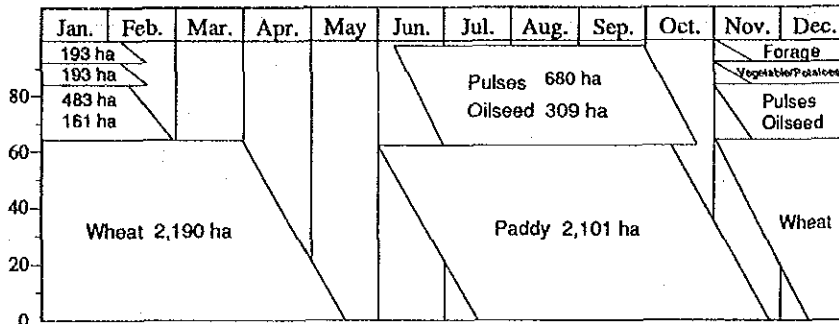
SAROJNI NAGAR

(Kharif: 3,567 ha Rabi: 3,716 ha)



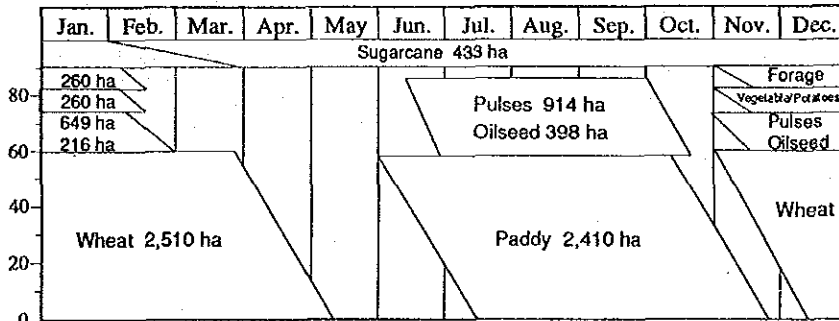
SATAON

(Kharif: 3,090 ha Rabi: 3,219 ha)



SURSA

(Kharif: 4,155 ha Rabi: 4,328 ha)



PURWA

(Kharif: 2,941 ha Rabi: 3,063 ha)

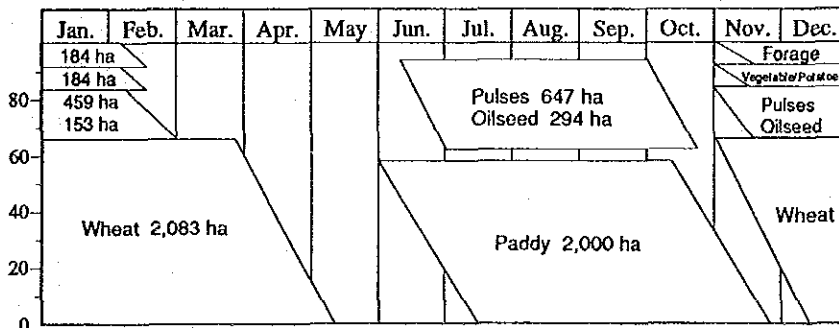


Fig.E.11 Proposed Cropping Pattern in Canal-water-supply Area

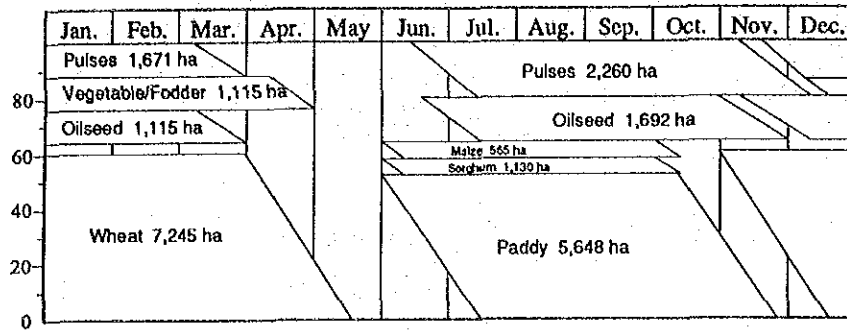
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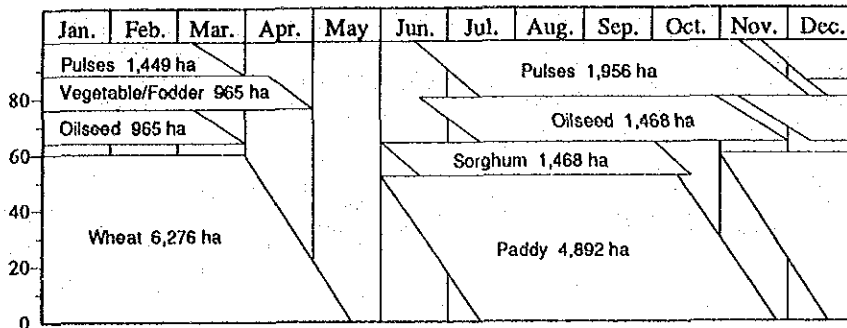
SAROJINI NAGAR

(Kharif: 11,295 ha Rabi: 11,146 ha)



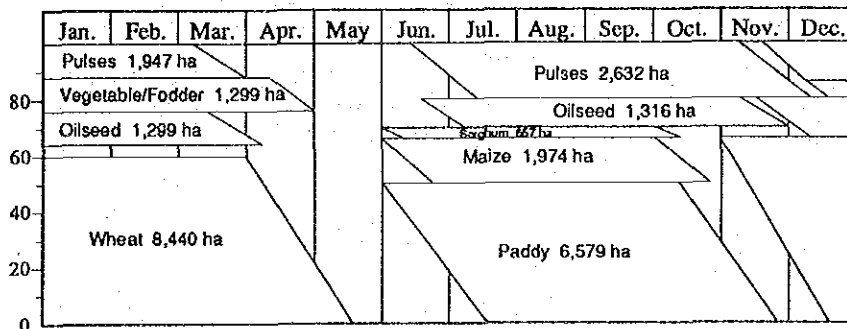
SATAON

(Kharif: 9,784 ha Rabi: 9,655 ha)



SURSA

(Kharif: 13,158 ha Rabi: 12,985 ha)



PURWA

(Kharif: 9,311 ha Rabi: 9,189 ha)

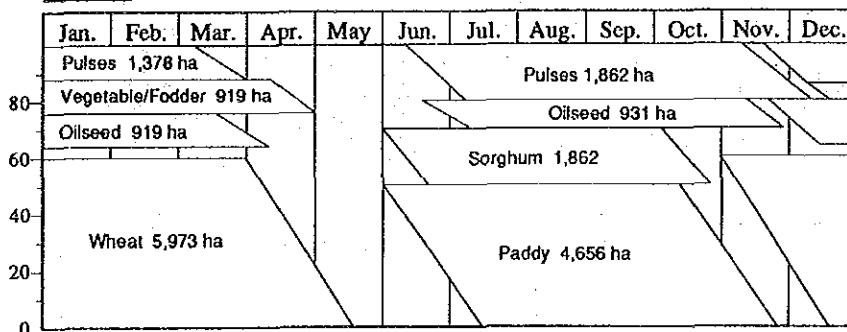


Fig.E.12 Proposed Cropping Pattern in Non Canal-water-supply Area

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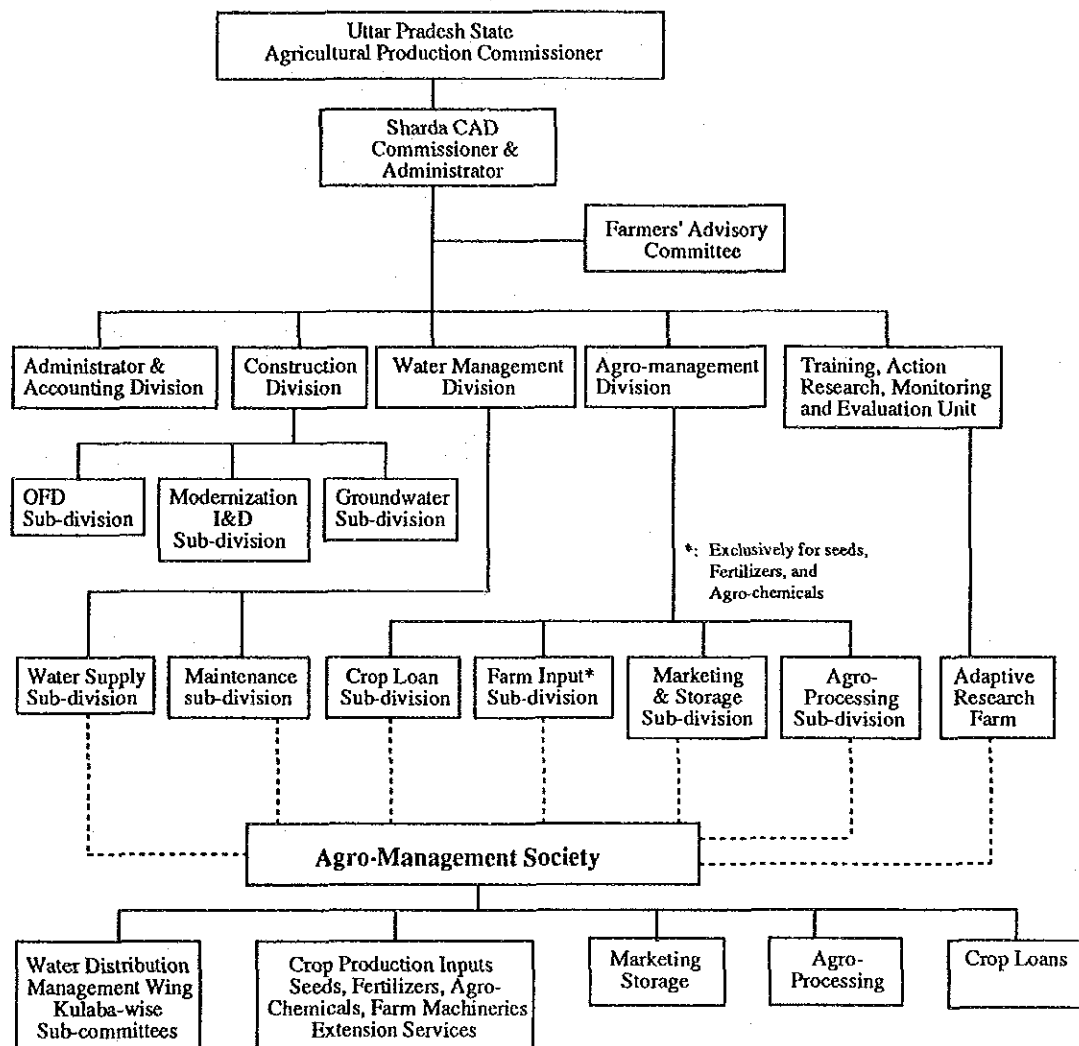


Fig. E.13 Proposed Organization for Implementation

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