

APPENDIX

T A B L E N O . 4.1

TABLE SHOWING CHEMICAL ANALYSIS OF SOIL SAMPLES

STRATUM NO. I, SLOPE - 0 to 1%

Sr. No.	Village No.	Survey No.	Name of the farmer	PH	TSS %	available N	available P ₂ O ₅	% available N	Index No.	Kg/ha.	Index No.	available K ₂ O	Kg/ha.	Index No.	Effective Index No.	Proportionate Index No.
1	40	362	Shinde Sitaram Subhash	8.2	.19	.50	35.2	26	19.8	270	27.0	82.0	30.15			
2	40	425	Shinde Jaggnath Yeshwant	8.5	.06	.36	25.3	21	16.0	350	35.0	76.0	28.05			
3	40	436	Zende Shanker Dattatraya	7.1	.35	.48	33.8	15	11.5	180	18.0	63.3	23.27			
4	40	640	Patil Nivrutti Rama	8.0	.35	.35	24.6	5	3.8	180	18.0	46.4	17.06			
5	40	638	Patil Hari Nana	7.9	.32	.42	29.6	5	3.8	252	25.2	58.6	21.54			
6	40	628	Patil Vilas Gopal	7.9	.32	.32	22.5	5	3.8	140	14.0	40.3	14.82			
7	40	196	Gawade Dedu Viru	8.2	.25	.70	49.3	52	39.7	322	32.2	121.2	44.60			
8	40	291	Choudhari Ganspeti Raja	8.2	.25	.48	33.8	52	39.7	290	29.0	102.5	37.68			
9	40	568	Patil Maruti Bapu	8.1	.32	.39	27.5	15	11.5	200	20.0	59.0	21.69			
10	40	39	Denge Ramchandra Yashwant	8.4	.22	.55	38.7	5	3.8	485	48.5	91.0	33.46			
11	40	40	Dange Hari Yashwant	8.1	.88	.55	38.7	5	3.8	160	16.0	58.5	21.51			
12	40	56	Patil Mahadeo Hari	7.8	.88	.48	33.8	5	3.8	160	16.0	53.6	19.71			

1) Bordaon (Taluka Walwa)

TABLE NO.4.1 Cont.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
13	40	410	Patil Krishna Bapu	9.2	0.25	.23	15.2	5	3.8	262	26.2	46.2	16.98
14	40	315	Shinde Pratap Ganpat	8.6	0.28	.55	38.7	15	18.5	700	70.0	121.2	44.60
15	40	419	Desai Rajaram Aba	8.1	.25	.52	36.6	36	27.5	195	19.5	82.6	30.36
16	40	2059	Dange Meru Nivruti	7.7	.30	.68	47.9	24.2	18.5	364	36.4	102.8	37.79
17	40	437	Patil Manish K.	7.8	.20	.78	54.9	9.86	7.5	437	43.7	105.1	39.00
18	38	194/2	Jagtap Pundlik D.	8.2	.28	.56	39.4	8	6.1	232	23.2	58.7	25.25
19	38	213	Dudhal Shida Anna	8.5	.29	.31	21.8	20	15.3	107	10.7	47.8	17.57
20	38	190	Shekhare Rajaram Duba	8.1	.27	.54	38.0	20	15.3	197	19.7	73.0	26.83
21	38	80	Bhosale Rajaram Bheu	8.0	.31	.45	31.7	8	6.1	132	13.2	51.0	18.75
22	38	114	Bhosale Vasant Appa	8.4	.46	.45	31.7	8	6.1	107	10.7	48.5	17.83
23	38	83	Bhosale Raosaheb Tukaram	9.0	.19	.38	26.8	30	22.9	242	24.2	73.9	27.16
24	38	323	Khandagale Sakheram Mahadeo	8.9	.30	.67	41.2	8	6.1	100	10.7	64.0	23.52
25	38	NA	Bhosale Bepusaheb Baba	7.9	.92	.20	14.0	30	22.4	250	25.0	61.9	22.75
26	38	416	Kanap Bara Aba	8.5	.10	1.21	85.2	20	15.3	107	10.7	111.2	40.88
27	38	3	Bhosale Sambhaji Appa	8.5	.25	.56	39.4	30	22.9	205	20.5	82.8	30.44
28	38	111	Bhosale Raghunath Baji	8.5	.16	.31	21.8	30	22.9	250	25.0	69.7	25.62
29	38	6	Bhosale Kakrishne Siteram	8.2	.12	.31	21.8	20	15.3	270	27.0	64.1	25.56
30	38	187	Sabale Aba Meruti	8.2	.31	.38	26.8	30	22.9	250	25.0	124.7	45.84

2) Dhulgeon (Taluka - K-Mahankal)

TABLE NO.4.1 Contd..

1	2	3	4	5	6	7	8	9	10	11	12	13	14
31	38	94	Bhosale Rajaram Aba	7.5	.62	.26	18.3	8	6.1	287	28.7	53.1	19.52
32	38	56	Bhosale Shivaji Nana	7.9	1.20	.31	21.8	8	6.1	270	27.0	54.9	20.18
33	38	58	Bhosale Dada Aba	8.8	.25	.20	14.0	20	15.3	277	27.7	57.0	20.95
3) Ankalkhop (Taluka Tasgaon)													
34	13	418	Koli Akaram Tukaram	7.2	.34	.78	54.9	40	30.5	360	36.0	121.4	44.06
35	13	75	Landage Shankar Appa	7.3	.27	.73	51.4	30	22.9	367	36.7	111.0	40.08
36	13	160	M Hajare Sampat Appa	7.3	.27	.67	47.2	80	61.0	385	38.5	146.7	53.09
37	13	128	Gavade Yeshwant Bandu	7.3	1.10	.73	51.4	50	38.2	340	34.0	123.6	45.04
38	13	125	Gavade Dattu Tukaram	7.3	.99	.67	47.2	00	00.0	322	32.2	79.4	29.2
39	13	70	Chougule Nilkanth Ganpeti	7.1	1.00	.67	47.2	8	6.1	340	34.0	87.3	32.1
40	13	179	Chougule Krishna Ganpeti	7.2	.66	.54	38.0	30	22.9	287	28.7	89.6	32.9
41	13	417	Suryawanshi Anant K.	7.1	.21	.67	47.2	60	45.8	277	27.7	120.7	44.4
42	13	319	Koli Malhari Krishna	7.2	.19	.67	47.2	50	38.2	296	29.6	115.0	42.3
43	13	513	Gavade Yeshwant Bandu	7.1	.08	.67	47.2	40	30.5	314	31.4	109.1	40.1
44	13	197	Hajare Vithoba Krishna	7.1	.06	.61	42.9	20	15.3	152	15.2	73.4	26.98
45	13	120	Gavade Maruti Bhau	7.1	.15	.56	39.4	30	22.9	270	27.0	89.3	32.8
46	13	141	Landage Bhima Daji	7.2	.29	.78	54.9	00	00.0	305	30.5	85.3	31.4
47	13	518	Landage Ganpeti Mahodu	7.0	.53	.73	51.4	40	30.5	277	27.7	119.6	43.97
48	13	610	Hajare Pandurang Krishna	7.1	.89	.78	54.9	8	6.1	142	14.2	75.2	27.6

TABLE NO. 4.1 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
				4) Haripur (Taluka - Miraj)									
49	14	33/1A	Chavan Dnyanu Rama	8.0	.31	.43	30.3	5	3.8	200	20.0	54.1	19.9
50	14	24/1A	Talang Gangadhar Rameshware	8.5	.28	.33	23.2	30	22.9	237	23.7	69.8	25.7
51	14	85/1	Khekade Maruti Datta	7.8	.25	.41	26.9	26	19.8	227	22.7	71.4	26.3
52	14	22	Khadilkar Shripad Yeshwant	8.6	.25	.33	23.2	5	3.8	227	22.7	49.7	18.3
53	14	45/7	Bhanuse Ganpati Dadu	8.0	.25	.41	28.9	5	3.8	187	18.7	51.4	18.9
54	14	54/2B	Mali Ramu Joti	8.1	.22	.35	24.6	10	7.7	252	25.2	57.4	21.1
55	14	102/1	Bhavare Govind Joti	8.5	.25	.43	30.3	5	3.8	210	21.0	55.1	20.3
56	14	97/2A	Yadhav Bapu Dnyanu	8.5	.22	.57	35.9	57	43.5	420	42.0	121.4	44.6
57	14	30/1D	Mane Rama Bapu	7.9	.41	.31	21.8	26	19.8	270	27.0	68.6	25.2
58	14	106/4	Suryawanshi Rama Maruti	8.5	.18	.28	19.7	5	3.8	200	20.0	43.5	16.0
59	14	261/1	Senkpal Gopal Tatoba	8.5	.22	.35	24.6	10	7.6	280	28.0	60.2	22.1
60	14	116/5	Bhoi Rama Sada	7.9	.18	.41	28.9	5	3.8	187	18.7	51.4	18.9
61	14	80/1	Sou. Jadhav Krishnabai Laxman	8.0	.34	.43	30.3	26	19.8	307	30.7	80.8	29.7
62	14	85/2	Pendase M Sadashiv Chintaman	8.1	.18	.39	27.5	5	3.8	237	23.7	55.0	20.2
				5) Kasabe - Digraj (Taluka-Miraj)									
63	7	NA	Patil Basgonda Sakheram	7.4	.18	.52	35.6	15	11.5	520	52.0	63.5	23.3
64	7	NA	Bhosale Laxman Bhau	8.3	.25	.43	30.3	21	16.0	385	38.5	84.8	31.2
65	7	NA	Kore Maruti Tukaram	8.3	.18	.52	36.6	15	11.5	640	64.0	112.0	41.2
66	7	NA	Pinjari Balu Usman	8.2	.18	.68	47.9	15	11.5	640	64.0	123.4	45.4

TABLE NO.4.1 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
67	7	352	Koli Balu Maruti	8.1	.31	.52	36.6	15	11.5	590	59.0	107.1	39.4
68	7	NA	Koli Yeshwant Aba	8.6	.25	.53	37.3	10	7.6	675	67.5	112.4	41.3
69	7	NA	Koli Yeshwant Bhau	8.3	.28	.42	29.6	10	7.6	590	59.0	96.2	35.4
70	7	NA	Patil Anna Lalgonda	8.6	.25	.32	22.5	5	3.8	590	59.0	85.3	31.4
71	7	NA	Patil Ganpati Dnyenu	8.7	.18	.38	26.8	5	3.8	402	40.2	70.8	26.0
72	7	NA	Patil Bhopal Basgonda	8.0	.22	.78	54.9	30	22.9	1000	100.0	177.8	65.4
73	7	NA	Patil Mangonda Balgonda	8.0	.31	.43	30.3	5	3.8.	290	29.0	63.1	23.2
74	7	NA	Kore Mahadeo Kalleppa	8.3	.25	.52	36.6	21	16.0	630	63.0	115.6	42.5
75	7	NA	Londe Bhupal Deda	8.1	.18	.46	32.4	10	7.6	420	42.0	82.0	30.1
6) <u>Savarwadi</u> (Taluka Miraj)													
76	2	536	Bhilwade Anu Janaka	7.7	.69	1.14	80.3	132	100.0	860	86.0	266.3	97.9
77.	2	534	Awati Kalleppa Gangeram	7.5	.94	.68	47.9	26	19.5	550	55.0	122.4	45.0
78	2	159	Nirwane Anna Shanta	7.9	.47	.59	41.5	15	11.5	270	27.0	80.0	29.4
79	2	150	Koli Ramu Shidu	8.0	.25	.86	60.6	26	19.5	620	62.0	142.1	52.2
80	2	135	Koli Tukaram Nana	7.5	.69	.71	50.0	5	3.8	200	20.0	73.8	27.1
81	2	514	Mangare Anna Ganpati	7.6	.94	.68	47.9	30	22.9	227	22.7	93.5	34.4
82	2	58/4	Nirwane Bapu Yeshwanta	7.8	.22	.62	43.7	5	3.8	220	22.0	69.5	25.6
83	2	48/2	Damane Kalleppa Sidhu	8.1	.18	.65	45.8	5	3.8	227	22.7	72.3	26.6
84	2	22	Patil Rasgonda Appa	7.5	.18	.54	38.0	5	3.8	237	23.7	65.5	24.1
85	2	67	Nirwane Subana Adappa	7.7	.18	.62	43.7	21	16.0	187	18.7	87.4	28.8

TABLE NO.4.1 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
86	2	58	Kale Devappa Pirrappa	7.3	.15	.68	47.9	100	76.3	322	32.2	156.4	57.5
87	2	32	Kothale Bhanra Subhana	8.1	.48	.41	28.9	21	16.0	290	29.0	73.9	27.2
88	2	497/7	Nirwane Jinappa Anna	8.1	.15	.51	35.9	5	3.8	187	18.7	58.4	21.5
7) <u>Suslul</u> (Taluka Jat)													
89	87	NA	Sawant Dhairyshecl B.	7.8	.30	.43	30.3	9.86	7.5	190	19.0	56.8	20.9
90	87	943	Sawant Vasantrao	7.9	.50	.80	56.330.4	23.2		437	43.7	123.2	45.3
8) <u>Mhaisal</u> (Taluka-Miraj)													
91	41	122	Mali Shankar Bandu	7.5	.53	.32	24.6	10	7.6	440	44.0	76.2	28.0
92	41	NA	Shinde Jaisinh Ganpat	7.3	.22	.59	41.5	30	22.9	337	33.7	98.1	36.1
93	41	526	Tepase Rama Yeshwant	7.9	.56	.59	41.5	10	7.6	430	43.0	92.1	33.9
94	41	215	Bulla Ganjappa Sattayappa	8.0	.34	.80	56.3	5	3.8	485	48.5	108.6	39.9
95	41	77	Kurane Sadasiv Shankar	7.9	.44	.83	58.4	84	64.7	1000	100.0	222.5	81.8
96	41	219	Shinde Kishor Ganpat	7.6	.18	.31	21.8	26	19.8	237	23.7	65.3	24.0
97	41	NA	Berad Babu Genu	7.6	.68	.54	36.0	57	43.5	530	53.0	134.5	49.4
98	41	325	Kanwad Hasan Nabi	7.8	.56	.64	47.9	26	19.8	500	50.0	117.7	43.3
99	41	539	Desai Bhauroo Devappa	7.6	.63	.39	27.5	5	3.8	430	43.0	74.3	27.3



TABLE NO.4.1 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
100	41	143	Nalwede Ganpeti Matoba	7.8	1.20	.54	38.0	52	39.7	675	67.5	145.2	53.4
101	41	144	Varnore Debu Takaram	7.7	1.13	.99	69.7	21	16.0	1000	100.0	185.7	68.0
102	41	559	Morene Babalel Appa	7.8	1.05	.54	38.0	10	7.6	530	53.0	98.6	36.3

T A B L E N O . 4.2

TABLE SHOWING CHEMICAL ANALYSIS OF SOIL SAMPLES

STRATUM NO. II, SLOPE - 1 to.3%

Sr. No.	Village No.	Name of the farmer	pH	% TSS	available N	available P ₂ O ₅	available K ₂ O	% Index	Index Kg/He.	% Index	Index Kg/He.	Efficient Index	Proportion Index No.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1) Bagani (Taluko-Walwa)													
1	87	443/2	Devale H.G.	7.6	.09	.54	38.0	5	3.8	100	10.0	51.8	19.0
2	87	524/5	Nagare Tukaram Maruti	8.8	.94	.66	46.5	10	7.6	410	41.0	95.1	35.0
3	87	557	Gurav Dnyanu Vithu	7.8	.18	.18	12.7	5	3.8	132	13.2	29.8	10.9
4	87	422	Chougule Balu sidram	8.2	.15	.80	56.3	10	7.6	252	25.2	89.1	32.8
5	87	667	Inambar Moola Imam	8.0	.12	.40	28.2	5	3.8	270	27.0	59.0	21.7
6	87	204	Bidge Datta Rama	7.3	.25	.39	27.5	15	11.5	112	11.2	50.2	18.5
7	87	530	Yadurkar Gaja Rama	7.8	.15	.46	32.4	5	3.8	112	11.2	46.4	17.0
8	87	654	Kureme Vishnu Lingappa	7.7	.18	.34	23.9	52	39.7	127	12.7	76.3	28.0
9	87	571	Damane Negu Jairam	8.0	.18	.52	36.6	21	16.0	147	14.7	67.3	24.7
10	87	663	Girgeonkar Datta Dhondi	7.8	.12	.39	27.5	5	3.8	160	16.0	47.3	17.4
11	87	385	Shinde Santu Kasiba	8.3	.12	.82	57.7	5	3.8	280	28.0	89.5	32.9
12	87	534	Patil Kaka Vithu	8.5	.37	.68	47.9	5	3.8	237	23.7	75.4	27.7
13	87	529	Rote Balu Mahadeo	7.6	.15	.36	25.3	5	3.8	147	14.7	43.8	16.1

TABLE NO.4.2 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
				2) Belunki (Taluka-Miraj)									
14	54	482	Bandarker Shripati Haribe	8.2	.25	.25	17.6	5	3.8	262	26.2	47.6	17.5
15	54	481	Kore Mahadeo Yeshwant	8.4	.15	.21	21.8	5	3.8	630	63.0	88.6	32.6
16	54	245	Chougule Annappa Sidrappa	8.0	.69	.35	24.6	5	3.8	710	71.0	99.4	36.5
17	54	268	Galkwad Dnyanu Kedari	8.3	.31	.35	24.6	5	3.8	342	34.2	62.4	22.9
18	54	459	Kore Sidrayya Tatoba	8.6	.44	.39	27.5	5	3.8	160	16.0	47.5	17.5
19	54	291	Galkwad Mahadeo Ananda	7.8	1.08	.07	4.9	5	3.8	1000	100.0	108.7	39.96
20	54	427	Khot Maruti Dnyanu	8.0	.28	.07	4.9	5	3.8	172	17.2	25.9	9.5
21	54	456	Kore Vithoba Bannappa	8.0	.63	.41	28.9	5	3.8	280	28.0	60.7	22.0
22	54	120	Nisure Sona Bandu	8.0	1.01	.41	28.9	5	8.8	890	89.0	121.7	44.0
23	54	231	Kamble Gangaran Tukaram	7.8	.63	.13	9.1	10	7.6	430	43.0	39.7	14.6
24	54	245	Choule Malleya Guruling	8.4	.37	.15	10.6	5	3.8	362	36.2	50.6	18.6
25	54	290	Galkwad Ramu Ananda	8.4	.25	.13	9.1	5	3.8	147	14.7	27.6	10.1
26	54	338	Choule Mrugendra Sidhayya	8.3	.25	.13	9.1	5	3.8	270	27.0	39.9	14.7
27	54	74	Kamble Girmal Dhondi	7.9	1.09	.33	23.2	5	3.8	1000	100.0	127.0	46.7
28	54	450	Mali Baba Yesu	8.4	.31	.39	27.9	10	7.6	395	39.5	75.0	27.6
29	54	245	Chougule Virbhadra babu	8.2	.28	.31	21.8	78	59.5	342	34.5	115.5	42.5
30	54	483	Mali Mahadu Arjun	8.1	.31	.31	21.8	74	56.4	172	17.2	95.4	35.0
40	54	327	Galkwad Bejorang Kedari	7.4	.18	.04	2.8	52	39.7	167	16.7	61.2	22.5

TABLE NO. 4.2 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
32	54	234	Gaikwad Raghu Kederi	8.2	.228	.18	12.7	78	59.5	342	34.2	107.1	39.4
33	54	281	Gaikwad Dattu Sadu	7.8	.50	.04	2.8	57	43.5	227	22.7	69.0	25.4
34	54	295	Chougule Appa Shida	8.0	.63	.35	24.6	57	43.5	495	49.5	117.6	43.2
35	54	290	Jadhav Raja Ganu	8.4	.41	.31	21.8	74	56.4	200	20.0	96.2	36.1
3) <u>Dudebhavi</u> (Taluka- K-Mahankal)													
36	6	356	Buva Sambhe Bajerang	8.3	.19	.29	20.4	5	3.8	335	33.5	57.7	21.2
37	6	338	Narke Mahada Tuka	8.5	.19	.72	50.7	14	10.7	228	22.8	84.2	30.9
38	6	630	Kande Laxman Santu	8.5	.19	.60	42.2	10	7.6	233	23.3	73.1	26.9
39	6	749	Konde Dada Laxman	8.2	.22	.70	39.3	5	3.8	145	14.5	67.1	24.8
40	6	859	Thakre Balu Mahadeo	8.3	.39	.98	69.0	10	7.6	250	25.0	101.6	37.4
41	6	877	Konde Baba Balu	8.3	.19	.66	46.5	5	3.8	165	16.5	66.8	20.9
42	6	889	Patil Laxman Haibat	8.3	.16	.38	26.8	5	3.8	382	38.2	68.8	25.0
43	6	857	Wake Biru Mahadu	8.5	.19	.72	50.7	5	3.8	250	25.0	79.5	29.2
44	6	647	Varekar Gana Sauba	8.5	.19	.62	48.7	5	3.8	260	26.0	73.5	27.0
45	6	NA	Buva Dhodi Kesu	8.0	.34	.33	23.2	26	19.8	1000	100.0	143.0	52.6
46	6	NA	Dodhal Vithoba Mahadeo	8.4	.31	.68	47.9	26	19.8	322	32.2	99.9	36.7
47	6	NA	Dudhal Balu Tuka	8.0	.31	.57	35.9	5	3.8	575	57.5	97.2	35.7
4) <u>Ghorpadi</u> (Taluka- K-Mahankal)													
48	5	74	Shinde Bandu Dada	8.3	.09	.46	32.4	5	3.8	390	39.5	75.2	27.6
49	5	421	Dambale Dnyanu Khundu	8.4	.09	.39	27.5	21	16.0	310	31.0	74.5	27.4

TABLE NO. 4.2 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
50	5	396	Bajbalkar Dashrath Sedha	8.4	.12	.65	45.8	52	39.7	770	77.0	162.5	59.7
51	5	85	Shinde Sopan Pundlik	8.7	.09	.46	32.4	5	3.8	228	22.8	59.0	21.7
52	5	149	Bhosale Shiva Maruti	8.4	.15	.94	66.2	21	16.0	592	59.2	141.4	51.9
53	5	360	Thane Dodiram Devappa	8.3	.15	.68	47.9	42	32.0	570	57.0	136.9	50.3
54	5	371	Gherade Juka Pandu	8.4	.12	.65	45.8	21	16.0	405	40.5	98.3	35.1
55	5	380	Tone Sakhe Rama	8.5	.12	.54	88.0	26	19.8	278	27.8	85.6	31.5
56	5	339	Tone Babu Dnyenu	8.3	.15	.65	45.8	36	27.5	372	37.2	110.5	40.6
57	5	593	Sargar Anna Bhau	8.4	.12	.35	24.6	30	22.9	1000	100.0	147.3	54.2
58	5	82	Shinde Dnyanu Apa	8.5	.22	.31	21.8	5	3.8	183	18.5	44.1	16.2
59	5	608	Mali Narayan Balu	8.4	.12	.39	27.5	26	19.8	1000	100.0	147.3	54.2
60	5	89	Shinde Vithobe Nana	8.5	.15	.77	54.2	21	16.0	290	29.0	99.2	36.5
61	5	131	Shinde Dnyanu Shama	8.6	.19	.49	34.5	10	7.6	415	41.5	83.6	30.7
62	5	585	Sargar Appa Krishna	8.5	0.06	.28	19.7	30	22.9	1000	100.00	142.6	52.4
63	5	426	Dhaigude Rama Vithu	8.3	.09	.22	15.5	15	11.5	270	27.0	44.0	16.2
64	5	385	Tone Kedari Appa	8.5	.15	.43	30.3	15	11.5	362	36.2	78.0	28.7
65	5	583	Sargar Nivruti Babu	8.3	.09	.28	19.7	30	22.9	1000	100.0	142.6	52.4
66	5	95	Shinde Chendar Nareyan	8.6	.12	.65	45.8	21	16.0	500	50.0	111.8	41.1
5) <u>Kameri</u> (Taluka-Walwa)													
67	5	485	Vadare Prebhakar Bebureo	8.4	.15	.55	38.7	10	7.6	270	27.0	73.3	26.9

TABLE NO. 4.2 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
68	7	412	Sawant Tuka Ganapati	8.2	.18	.78	54.9	26	19.8	290	29.0	103.7	38.1
69	7	292	Patil Jaishinh Kundlik	8.2	.15	.60	42.2	5	3.8	280	28.0	74.0	27.2
70	7	478	Sawant Tatoba Hari	7.3	.37	.58	40.8	5	3.8	350	35.0	83.4	30.7
71	7	645	Surukar . nna Dnyanu	8.0	.18	.58	40.8	5	3.8	290	29.0	73.6	27.7
72	7	NA	Navalkar Khashaba Bhau	8.0	.31	.80	56.3	21	16.0	195	19.5	91.8	33.7
73	7	551	Auote Neminath Devappa	8.2	.25	.88	62.0	5	3.8	350	35.0	100.8	37.8
74	7	555	Patil Shamrao Rame	8.0	.22	.78	54.9	5	3.8	297	29.7	88.4	32.5
75	7	656	Jamadar Balu Aba	8.2	.15	.53	37.3	15	11.5	181	18.1	66.9	24.6
76	7	556	Parit Joty Govinda	8.1	.18	.76	53.5	26	19.8	307	30.7	104.0	38.2
77	7	462	Patil Hindureo Krishna	8.5	.18	.66	46.5	15	11.5	342	34.2	92.2	33.9
78	7	482	Patil Maruti Gominda	8.5	.31	.78	54.9	10	7.6	420	42.0	104.5	38.4
79	7	648	Patil Vithu Dattu	8.6	.15	.62	43.7	5	3.8	200	20.0	67.5	24.8
80			6) Kognoli (Taluka-K-Mahankal)										
80	40	NA	Patil Maruti Bapu	8.4	.12	1.10	77.5	52	39.7	1000	100.0	217.2	79.8
81	40	123	Kambale Bhupal Mayyappa	8.3	.20	.39	27.5	21	16.0	250	25.0	68.5	25.2
82	40	677	Patil Bhina Rama	8.1	.09	.77	54.2	42	32.0	580	58.0	144.2	53.0
83	40	108	Kulkarni Vasant Shankar	7.9	.34	.65	45.8	90	68.7	745	74.5	189.0	69.5
84	40	NA	Shikarkhane Balu Sangeppa	8.1	.28	.63	44.4	46	35.1	648	64.8	144.3	53.2
85	40	NA	Kulkarni Shrikant Vishnu	8.2	.19	.74	52.1	36	27.5	500	50.0	129.6	47.6

TABLE NO. 4.2 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
86	40	NA	Patil Krishna Chandeo	8.3	.31	1.20	84.5	36	27.5	1000	100.0	212.0	77.7
87	40	853	Jadhev Ramesh Pandu	8.0	.15	.59	41.5	52	39.5	233	23.3	104.6	38.4
88	40	659	Naik Khendu Dedu	8.2	.25	.88	62.0	48	36.6	710	71.0	169.6	62.3
89	40	660	Naik Narayan Dedu	8.1	.47	.76	53.5	18	13.7	760	75.0	143.2	54.5
90	40	605	Patil Tukaram Sakharan	7.8	.05	.91	64.0	86	65.6	1000	100.0	229.6	84.4
91	40	644	Sutar Mahadeo Krishna	8.6	.22	.46	32.4	24	18.3	445	44.5	95.2	35.0
92	40	626	Valke Govind Bandu	8.8	.25	.64	45.0	24	18.3	400	40.0	108.3	37.9
7) <u>Shegaon</u> (Taluka.--Jat)													
93	14	412	Shinde Jagganath B.	8.0	0.40	.60	42.2	9.86	7.5	386	38.6	88.3	32.5
94	14	963	Nikam Dhondiram G	7.8	0.40	.29	20.4	9.86	7.5	151	15.1	43.0	15.8
95	14	342	Nikam Appasaheb Y.	7.8	0.30	.47	33.1	17.913.7		1000	100.0	146.8	53.9
96	14	97	Tate Sambhaji B	8.1	.20	.63	44.4	17.913.7		269	26.9	85.0	31.2
97	14	355	Nikam Krishna D	8.0	.30	.22	15.5	17.9	13.7	151	15.1	46.3	16.3
98	14	NA	Nikam Annu S.	7.9	.30	.44	31.0	9.86	7.5	1000	100.0	138.5	50.9
99	14	440	Hirve Vithoba R	7.2	.40	.93	64.8	17.913.7		336	33.6	112.1	41.2
100	14	350	Shinde Jagganeth B	8.4	.30	.39	27.5	9.867.5		112	11.2	46.2	16.9
101	14	341	Nik Besgond B	7.9	.30	.91	64.1	17.9	13.7	739	73.9	151.7	55.7
102	14	440	Naik Shivling S	7.8	.30	.64	45.1	24.2	18.5	1000	100.0	165.6	60.1
103	14	26	Naik Inneppa M	8.3	.40	.42	27.6	17.913.7		364	36.4	77.7	28.6
104	14	40	Hirve Appa S	7.7	.30	1.00	70.4	30.4723.2		535	53.5	107.2	40.7

TABLE NO. 4.2 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
				8) <u>Uplavi</u> (Taluka-Tasgaon)									
105	50	84	Patil Damaoji Umeji	7.8	.76	1.09	76.8	70	53.4	177	17.7	147.9	54.4
106	50	25	Katkar Shivram Bala	8.2	.75	.83	58.4	100	76.3	322	32.2	166.9	61.4
107	50	27	Kadam Dnyanu Krishna	8.1	.10	.67	47.2	60	45.8	402	40.2	133.2	48.9
108	50	70	Patil Bapu Raghunath	8.2	.18	.78	54.9	60	45.8	332	33.2	133.9	49.2
109	50	50	Patil Pireji Bala	8.1	.38	.78	54.9	50	38.2	277	27.7	120.8	44.4
110	50	74	Teli Rajaram Dhondi	7.9	.50	.38	26.8	40	30.5	152	15.2	72.5	26.6
111	50	49	Jadhav Nandoo Dnyanu	7.8	.18	.73	51.4	80	61.0	277	27.7	140.1	51.5
112	50	76	Pawar Sahhe Ganapati	7.6	.11	.73	51.4	30	22.9	332	33.2	107.5	39.5
113	50	22	Kalange Dada Shidu	8.1	.05	.67	47.2	30	22.9	350	35.0	105.0	38.6
114	50	35	Lohar Vithoba Kane	8.0	.06	.61	42.9	80	45.8	500	50.0	138.7	50.9
115	50	68	Patil Jaivant Raghoo	8.1	.22	.67	47.2	70	53.4	287	28.7	129.3	47.5
116	50	15	Shinde Bajirao Krishna	8.0	.36	.61	42.9	30	22.9	375	37.5	103.3	37.9
117	50	17	Shinde Nivruti Tatoba	8.2	.19	.67	47.2	8	6.1	375	37.5	90.8	33.4
118	50	54	Desai Maruti Dattu	7.8	.22	.56	39.4	30	22.9	350	35.0	97.3	35.7
119	50	62	Rokade Savanta Appa	8.1	.24	.45	31.7	20	15.3	215	21.5	68.5	25.2
				9) <u>Vibhutwadi</u> (Taluka - Atpadi)									
120	50	NA	More Krishna Mahadeo	8.2	.34	.24	16.9	5	3.8	307	30.7	51.4	18.9
121	1	174	Bikar S. C.	8.5	.25	.23	16.2	5	3.8	120	12.0	32.0	11.8
122	1	NA	Mote Dada Parsu	8.4	.10	.76	53.5	5	3.8	210	21.0	78.3	28.3

TABLE NO. 4.2 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
				10) <u>Malvan</u> (Taluka-Atpedi)									
123	8	44	Tarase Ganu Kesu	8.5	.18	.46	32.4	5	3.8	160	15.0	52.2	19.2
124	8	107	Jadhav Ananda Krishna	8.5	.12	.53	37.3	5	3.8	402	40.2	81.3	29.9
125	8	101	Jadhav Atmaram Parasu	8.3	.25	.45	31.7	5	3.8	297	29.7	65.2	23.9
126	8	83	Tarase Maruti Krishna	8.7	.22	.36	25.3	5	3.8	170	17.0	46.1	16.9
127	8	129	Jadhav Akaram Bhiva	8.2	.12	.42	33.8	5	3.8	317	31.7	69.3	25.5
128	8	129/1	Davari Pandu Krishna	8.4	.34	.29	20.4	21	15.0	307	30.7	67.1	24.7
129	8	NA	Davari Bhivara Sraabha	8.4	.34	.35	24.6	5	3.8	180	18.0	46.4	17.0
130	8	1	Patil Tatoba Keshaba	8.4	.22	.39	27.5	10	7.6	152	15.2	50.3	18.5
131	8	103/5	Bhise Bheu Yesu	8.5	.15	.55	38.7	5	3.8	297	29.7	72.2	26.5
132	8	112	Jadhav Namdeo Narayan	8.3	.15	.96	67.6	52	39.7	690	69.0	176.3	64.8
133	8	106	Jadhav Namdeo Krishna	8.5	.12	.48	33.3	15	11.5	322	32.2	77.5	28.5

TABLE SHOWING CHEMICAL ANALYSIS OF SOIL SAMPLES

STRATUM NO. III SLOPE 3 to 4%

Sr. No.	Village No.	Survey No.	Name of the farmer	pH	SS %	available N	available P ₂ O ₅	available K ₂ O	% Index Kg/ha		Efficient Index	Proportionate Index	
									Index Kg/ha	Index No.			
1	20	130	Patil Pandurang Maruti	7.7	.18	.54	33.0	111	84.7	1000	100.0	222.7	81.8
2	20	316	Patil Rau Shidu	7.9	.13	.65	45.8	111	84.7	500	50.0	180.5	66.4
3	20	60	Chandanshive Gana Santu	7.3	.21	.25	33.0	111	84.7	1000	100.0	272.0	100.0
4	20	160	Patil Bapu Atma	7.5	.52	.56	39.4	111	84.7	450	45.0	169.1	62.2
5	20	335	Patil Vishnu Dadu	7.3	.61	.73	51.4	111	84.7	1000	100.0	236.1	86.8
6	20	381	Deshinge Sada Sangapa	8.2	.13	.45	31.7	80	61.0	307	36.7	129.4	47.6
7	20	237	Patil Datu Jagu	7.3	.13	.61	42.9	111	84.7	450	45.0	172.6	63.5
8	20	33	Potdar Bapu Sona	8.5	.53	.54	38.0	111	84.7	412	41.2	163.9	60.3
9	20	197	Patil Bapu Ganpati	8.3	.17	.45	31.7	111	84.7	700	70.0	186.4	38.5
10	20	63	Bansode Mahadu Anenda	7.9	.50	.45	31.7	111	84.7	1000	100.0	216.4	79.5
11	20	584	Patil Bhagwan Keshav	8.0	.11	.38	26.8	30	22.9	332	33.2	82.9	30.5
12	20	590	Patil Gana Copala	8.2	.32	.45	31.7	111	84.7	1000	100.0	216.4	79.5
13	20	117	Gavali Appa Kashiram	7.6	.11	.61	42.9	111	84.7	1000	100.0	227.6	83.7
14	20	48	Patil Bhagwan Ganpat	8.0	.11	.61	42.9	111	84.7	412	41.2	165.3	60.8

1) Alte (Taluka-Tasgaon)

TABLE NO. 4.3 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	20	380/2	Deshige Sada Sangappa	8.6	.06	.45	31.7	60	45.8	340	34.0	111.5	40.9
2) <u>Bendri</u> (Taluka-Tasgaon)													
16	43	263	Rakte Vishnu Rama	7.9	.24	.83	58.4	50	38.2	412	41.2	137.8	50.7
17	43	172	Nalwade Shanikar Hari	8.1	.19	.88	62.0	99	75.6	500	50.0	187.6	68.9
18	43	175	Sou.Patil Dhondubai Shiram	7.9	.12	.56	39.4	70	53.4	314	31.4	124.2	45.7
19	43	195	Jadhav Vishnu Rama	7.9	.15	.73	51.4	50	38.2	367	36.7	126.3	46.4
3) <u>Dahivadi</u> (Taluka-Tasgaon)													
20	60	581	Jadhav Bhagwan Yashwant	8.2	.15	.26	18.3	100	76.3	340	34.0	128.6	47.3
21	60	637	Gurav Gena Sakha	8.2	.17	.26	18.3	111	84.7	500	50.0	153.0	56.3
22	60	565	Patil Raosaheb Gena	8.3	.19	.45	31.7	50	38.2	332	33.2	103.1	37.9
23	60	745	Solunhe Aba Mahadeo	8.2	.20	.56	39.4	20	15.3	350	35.0	89.7	32.9
24	60	19	Atar Ramjan Abalal	8.1	.08	.56	39.4	100	76.3	215	21.5	137.2	50.4
25	60	246	Jadhav Narayan Piraji	8.3	.17	.20	14.0	100	76.3	375	37.5	127.8	46.9
26	60	651	Jadhav Rama Hari	8.3	.22	.45	31.7	30	22.9	296	29.6	84.2	30.9
27	60	588	Jadhav Bhondi Shidu	8.4	.17	.45	31.7	30	22.9	367	36.7	91.3	33.6
28	60	452	Jadhav Tuha Pandu	8.3	.22	.54	38.0	30	22.9	260	26.0	86.9	31.9
29	60	557	Jadhav Akaram Dyenu	8.2	.17	.54	38.0	111	84.7	385	38.5	161.2	59.3
30	60	247	Patil Shriram Babu	8.4	.15	.31	21.8	50	38.2	350	35.0	95.0	34.9
4) <u>Irali</u> (Taluka-K.Mahanikel)													
31	21	NA	Patil Jalakrishna Babaji	8.3	.25	.78	52.1	48	36.6	270	27.0	115.7	42.5

TABLE NO. 4.3 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
32	21	NA	Lendage Krishna Gange	8.3	.19	.57	40.1	34	25.9	1000	100.0	166.0	61.0
33	21	NA	Patil Rama Pandu	8.4	.16	.57	40.1	24	18.3	352	35.2	93.6	34.4
34	21	NA	Patil Dada Ekanath	8.2	.19	.62	43.7	72	55.0	1000	100.0	198.7	73.0
35	21	NA	Khendekar Shiva Nivriti	8.5	.16	.66	46.5	72	55.0	545	54.5	156.0	57.4
36	21	NA	Khamkar Dhondi Tuka	8.5	.19	.55	38.7	96	73.3	1000	100.0	212.0	77.9
37	21	NA	Landage Tuka Hari	8.1	.28	.60	43.2	82	62.6	745	74.5	179.3	65.9
38	21	NA	Patil Govinda Baba	8.3	.35	.45	31.7	36	27.5	512	51.2	110.4	40.6
5) <u>Kalambi</u> (Taluka-Khanapur)													
39	51	NA	Shinde Laxman N	8.2	.30	.42	29.6	17,913.7	291	29.1	72.4	26.6	
40	51	260	Kadam Anna M.	8.0	.20	.80	56.3	17,913.7	168	16.8	86.8	31.9	
41	51	NA	Kadam Rajaram N	8.0	.20	.42	29.6	17,913.7	336	33.6	76.9	28.3	
42	51	NA	Kadam Bapu R	8.1	.20	.80	56.3	9.8	7.5	302	30.2	94.0	34.0
43	51	215	Kadam Dattu R	8.4	.30	.42	29.6	9.9	7.5	414	41.4	78.5	28.9
44	51	NA	Kadam Vithoba B	8.1	.20	.79	55.6	9.8	7.5	526	52.6	115.7	42.5
45	51	NA	Kambale Bhiya B	7.3	.25	.54	38.0	17,913.7	134	13.4	66.6	24.3	
46	51	NA	Mohite Tanaji B	8.6	.30	.32	22.5	9.8	7.5	168	16.8	64.8	17.2
47	51	NA	Jadhav Bapu T	7.9	.30	.35	24.6	9.8	7.5	190	19.0	51.1	18.8
48	51	98	Kadam Vasant N	7.9	.20	.47	33.1	17.9	18.7	241	24.1	70.9	26.0
49	51	138	Kadam Sedashiv S	8.6	.30	.35	24.6	9.8	7.5	190	19.0	51.1	18.8

TABLE NO. 4.3 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
				6) <u>Keranjewade</u> (Taluka-Walwa)									
50	16	199	Patil Tuka Daji	8.1	.15	.53	38.7	5	3.8	200	20.0	62.5	22.9
51	16	51	Desai Bapu Yeshwant	8.8	.47	.70	49.3	5	3.8	270	27.0	80.1	29.4
52	16	270	Patil Bapu Bhau	7.5	.15	.36	32.4	5	3.8	132	13.2	49.4	18.2
53	16	573	Desai Laxman Bhau	7.7	.15	.57	40.1	15	11.5	227	22.7	74.3	27.3
54	16	458	Desai Kalappa Sentram	7.3	.31	.53	37.3	5	3.8	385	38.5	79.6	29.3
55	16	53	Yedake Bhupal Martant	7.9	.28	.60	42.2	10	7.6	385	38.5	85.3	32.5
56	16	452	Desai Rama Yeshwant	7.9	.28	.52	36.6	30	22.9	500	50.0	109.5	40.3
57	16	109	Yedage Datta Balwant	7.9	.18	.54	38.0	26	19.8	291	29.1	86.9	31.9
				7) Mangale (Taluka : Shirala)									
58	80	236	Chougule Dadu Bhiva	7.8	.18	.48	33.8	5	3.8	247	24.7	62.3	22.9
59	80	223	Dighe Keshav Tuka	8.0	.31	.74	52.8	30	22.9	280	28.0	103.0	37.9
60	80	245	Arbune Rama Govinda	7.8	.25	.53	28.7	10	7.6	247	24.7	51.0	26.1
61	80	238	Patil Rajaram	8.1	.22	.48	33.8	5	3.8	220	22.0	59.6	21.9
62	80	839	Jamadade Bandu Gana	8.0	.22	.46	32.4	15	11.5	450	45.0	88.9	32.8
63	80	237	Patil Jaisinh & Yeshwant	7.6	.18	.45	31.7	10	7.6	220	22.0	61.3	22.8
64	80	232	Patil Govinda Dnyanu	8.0	.22	.60	42.2	26	19.8	262	26.2	88.2	32.4
65	80	644	Gandhar Ramu Bapu	7.9	.25	.62	43.7	5	3.8	262	26.2	73.7	27.0
66	80	647	Gavade Shiva Aba	7.8	.22	.68	47.9	100	76.3	220	22.0	145.2	53.7

TABLE NO.4.3 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
67	80	645	Gangadhar Dnyano Bhaou	8.0	.22	.52	36.6	5	3.8	342	34.2	74.6	27.4
68	80	606	Patil Dadu Pandu	7.2	.18	.72	50.7	62	47.3	420	42.0	140.0	51.5
69	80	245	Diwan Rajeram Vasudeo	7.8	.18	.53	38.7	5	3.8	262	26.2	68.7	25.3
8) Manjarde (Taluka-Tasgaon)													
70	34	1019	Rankhembe Ganga Rama	8.1	.12	.73	51.4	20	15.3	750	75.0	141.7	52.0
71	34	1022	Rankhembe Heri Annu	8.1	.29	.78	54.9	50	38.2	800	80.0	173.1	63.6
72	34	1578	Patil Balu Kundlik	8.0	1.00	.97	68.3	111	84.7	1000	100.0	253.0	93.0
73	34	1644	Mohite Maruti Tuka	7.9	.87	1.21	85.2	90	68.7	450	45.0	198.9	73.1
74	34	1348	Suryawanshi Bhagwan Pandu	7.9	.18	.61	42.9	60	45.8	277	27.7	116.4	42.8
75	34	1654	Patil Vijay Bhagwan	8.2	.35	1.05	73.9	111	84.7	395	39.5	198.1	72.8
76	34	1408	Patil Ashok Bhagwan	8.3	.71	.83	58.4	60	45.8	322	32.2	136.4	50.1
77	34	1384	Mohite Subhaxao Dada	8.1	.39	.94	66.2	40	30.5	367	36.7	133.4	49.0
78	34	1554	Kadam Yashwant Gana	8.0	.31	.88	62.0	80	61.0	350	35.0	158.0	58.0
79	34	1031	Kamble Jayawant Devappa	7.9	.31	.94	66.2	50	38.2	340	34.0	138.4	50.8
80	34	383	Mohite Ganpati Dada	7.9	.45	1.21	85.2	30	22.9	360	36.0	144.1	52.9
81	34	796	Kumbhar Datta Namdeo	7.9	.11	1.09	76.8	30	22.9	350	35.0	134.7	49.5
82	34	1619	Chotkar Sopan Bagadu	7.9	.48	.97	68.3	8	6.1	350	35.0	109.4	40.2
83	34	1414	Mohite Rama Parsu	8.1	.13	.78	54.9	30	22.9	395	39.5	117.3	43.1

TABLE NO. 4.3 Cont.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
83	34	1981	Kulkarni Gunda Vinayak	8.1	.12	.88	62.0	20	15.3	350	35.0	112.3	41.3
85	34	1210	Kharade Sambhaji Dattu	8.0	.31	1.05	73.9	50	38.2	177	17.7	129.8	47.7
86	34	1376	Kadam Genapati Bandu	7.8	.51	.83	58.4	30	22.9	340	34.0	115.3	42.4
87	34	1074	Mohite Shamrao Yeshwat	8.2	.22	.97	61.3	40	30.5	750	75.0	173.8	63.9
9) Narvad (Taluka Miraj)													
88	44	38	Kolhapure Gurupad Bandu	7.8	.46	.58	40.8	5	3.8	335	33.5	78.1	28.7
89	44	94	Kumbhar Dnyanu Hari	7.9	.37	.53	37.3	15	11.5	247	24.7	73.5	27.0
90	44	4	Selunthe Isware Tuka	7.9	.25	.68	47.9	5	3.8	385	38.5	90.2	33.2
91	44	371	Kamble Nagesh Rama	8.1	.18	.53	37.3	10	7.6	485	48.5	93.4	34.3
92	44	9	Mali Nagappa Mahadeo	7.9	.29	.58	40.8	5	3.8	420	42.0	86.0	31.8
93	44	360	Patil Angonda Algonda	8.0	.12	.25	17.6	5	3.8	120	12.0	33.4	12.3
94	44	33	Jadhav Kashinath Mirajee	7.9	.78	.95	30.7	10	7.6	420	42.0	88.3	32.5
95	44	402	Chendugade Gopal Maruti	8.0	.12	.46	32.4	5	3.8	335	33.5	69.7	25.6
96	44	104	Kumbhar Bhima Hari	7.9	.31	.53	37.3	5	3.8	200	20.0	61.1	22.5
97	44	103	Malgankar Mahadeo Govinda	7.9	.29	.64	45.1	10	7.6	460	46.0	97.7	35.9
98	44	730	Bhandare Balu Malleppa	7.6	.63	.58	40.8	5	3.8	335	33.5	78.1	28.7
99	44	368	Patil Babgonda Algonda	7.9	.25	.72	50.7	5	3.8	247	24.7	79.2	29.1
100	44	404	Sou. Bhosale Mirabai Dattu	8.0	.12	.42	29.6	5	3.8	270	27.0	60.4	22.2
101	44	516	Kulkarni Anant Vishnu	8.4	.63	.43	30.3	5	3.8	242	24.2	58.3	21.4

TABLE NO. 4.3 Contd.

I	2	3	4	5	6	7	8	9	10	11	12	13	14
102	44	451	Chevan Raja Maruti	8.0	.22	.43	30.3	5	3.8	140	14.0	48.1	17.7
103	44	815	Suryawanshi Beban Ganpati	8.0	.15	.35	24.6	5	3.8	237	23.7	52.1	19.2
104	44	374	Sakum Raosahab Balkrishna	8.2	.15	.46	32.4	5	3.8	237	23.7	59.9	22.0
105	44	747	Mali Ramu Iswara	7.6	.44	.42	29.6	10	7.6	335	33.5	70.7	25.9
XIX													
10) <u>Padali</u> (Taluka- Tasgaon)													
106	28	74	Nikam Anna Bela	7.9	.19	.67	47.2	8	6.1	350	35.5	88.3	32.5
107	28	426	Patil Vishnu Dnyanu	7.5	.15	.38	26.8	8	6.1	107	10.7	43.6	16.0
108	28	75	Patil Hanunant Raghunath	7.8	.16	.45	31.7	8	6.1	232	23.2	61.0	22.4
109	28	514	Sutar Bhau Degadu	7.8	.18	.38	26.8	8	6.1	132	13.2	46.1	16.9
110	28	458	patil Shrirang Dhondi	7.8	.21	.54	38.0	8	6.1	242	24.2	68.3	25.1
111	28	55	Kulkarni Anna Tulshiram	7.9	.16	1.21	85.2	8	6.1	296	29.6	120.9	44.4
112	28	317	Patil Bajirao Krishna	7.9	.18	.50	39.4	111	84.7	305	30.5	154.6	56.8
113	28	516	Patil Ramrao Sakharam	7.9	.29	.45	31.7	111	84.7	750	75.0	191.4	70.4
114	28	269	Kumbhar Bapu Sakharam	8.0	.20	.31	21.8	70	53.4	132	13.2	88.4	32.5
11) <u>Resulwadi</u> (Taluka Miraj)													
115	23	395	Katkar Rama Dnyenu	9.0	.41	.83	58.4	21	16.0	590	59.9	133.4	49.0
116	23	1056	Chavan Datta Dnyanu	8.6	.25	.10	7.0	46	35.1	430	43.0	85.1	31.3
117	23	3B	Jadhav Shamrao Deda	8.2	1.04	.18	12.7	36	37.5	765	76.5	116.7	42.9
118	23	8	X Jadhav Shiveaji Atamaram	8.7	.37	.46	32.4	15	11.5	550	55.0	98.9	36.4

TABLE NO. 4.3 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
119	23	342	Jadhav Rajaram Laxman	8.3	.88	.10	7.0	5	3.8	187	18.7	29.5	10.8
12) Ravewadi (Taluka K-Mahanikal)													
120	3	52/5	Mane Tanaji Rame	8.7	.22	.40	28.2	24	18.3	1000	100.0	146.5	53.9
121	3	112	Mane Dhondi Shrirang	8.0	.25	.25	17.6	5	3.8	300	30.0	51.4	18.9
122	3	51/1	Mane Sitaram Laxman	8.3	.22	.55	38.7	48	35.6	1000	100.0	175.3	64.4
123	3	51/2	Mane Hanumant Laxman	8.6	.16	.31	21.8	5	3.8	415	41.5	67.1	24.7
124	3	1/1	Mane Shrirang Vithu	8.2	.19	.18	12.7	36	27.5	310	31.0	71.2	26.2
125	3	53	Gurav Tanaji Krishna	8.2	.25	.48	33.8	5	3.8	1000	100.0	137.6	50.6
126	3	77	Kolekar Soube Dhondi	8.5	.16	.28	19.7	5	3.8	180	18.0	41.5	15.3
127	3	52/4	Mane Pandurang Vithu	8.4	.19	.34	23.9	29	22.7	1000	100.0	146.6	53.9
128	3	113	Mane Dattu Atamaram	7.9	.28	.43	30.3	5	3.8	351	35.1	69.3	25.5
13) Shigaon (Taluka-Walwa)													
129	69	1450	Pewar Sarjerao Subhana	8.2	.22	.54	38.0	5	3.8	440	44.0	85.8	31.5
130	69	1535	Chaven Vishwas Pandu	7.2	.25	.49	34.5	5	3.8	342	34.2	72.2	26.5
131	69	1595	Kamble Ananda Krishna	7.1	.18	.28	19.7	10	7.6	140	14.0	41.3	15.2
132	69	1554	Pewar Anandha Negu	8.0	.25	.43	30.3	5	3.8	410	41.0	75.1	27.6
133	69	1468	Inander Yakub Alli	8.0	.22	.41	28.9	5	3.8	335	33.5	66.2	24.3
134	69	1465	Pharone Ganpati Maruti	7.0	.34	.25	17.5	5	3.8	152	15.2	35.6	13.5

TABLE NO. 4.3 contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
135	69	1537	Chavan Vithal Panurang	7.0	.34	.31	21.8	5	3.8	280	28.0	53.6	19.7
136	69	2095	Kadam Babu Dhondi	7.9	.31	.33	23.2	5	3.8	252	25.2	52.2	19.2
137	69	1467	Inamdar Mubarak Hasen	8.0	.22	.41	28.9	5	3.8	307	30.7	63.4	28.3
138	69	1451	Kasar Yashwant Mahadu	8.2	.28	.35	24.6	5	3.8	830	83.0	111.4	40.9
139	69	1559	Kamble Yellappa Parsu	7.5	.22	.31	21.8	42	32.0	195	19.5	73.3	26.9
140	69	1540	Pinjari Gulab Rasul	7.6	.37	.25	17.6	5	3.8	160	16.0	37.4	13.8
141	69	1536	Chavan Hindureo Balu	7.1	.22	.35	24.6	10	7.6	322	32.2	64.4	23.7
14) <u>Shirgaon -Visapur (Taluka-Tasgaon)</u>													
142	09	535	Patil Krishna Yeshwant	7.5	.15	.31	21.8	50	38.2	197	19.7	79.7	29.3
143	29	20	Chavan Shama krishna	7.8	.06	.45	31.7	40	30.5	260	26.0	88.2	32.4
144	29	78	Kumbhar Pandharinath Nemu	7.9	.12	.61	42.9	30	22.9	360	36.0	101.8	37.4
145	29	14	Patil Akaram Anna	7.5	1 .21	.45	31.7	40	30.5	215	21.5	83.7	30.8
146	29	352	Patil Maruti Anandha	8.5	.00	.38	26.8	30	22.9	700	70.0	119.7	44.0
147	29	69	Parit Ishwara Khandu	9.0	.77	.26	18.3	20	15.3	289	28.9	62.5	22.9
148	29	34	Patil Mah dev Ganpati	8.0	.24	.38	26.8	40	30.5	205	20.5	77.8	28.6
149	29	522	Mohite Khashaba Anna	7.9	.22	.63	42.9	20	15.3	340	34.0	92.2	33.9
150	29	556	Kalse Dattu Bandu	7.8	.16	.56	39.4	20	15.3	125	12.5	67.2	24.7
151	29	624	Yadav Bhanudas Rama	7.8	.14	.73	51.4	50	38.2	402	40.2	129.8	47.7

TABLE NO. 4.3 Contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
				15) <u>Umadi</u> (Taluka-Jat)									
158	79	88/A	Dhaigude Chandu J.	7.8	.60	1.05	73.9	17.9	13.7	190	19.0	106.6	39.2
159	79	930	Parit Pandit A	7.9	.40	.37	26.0	17.9	13.7	190	19.0	58.7	21.6
154	79	17	Jadhav Shiveji B	7.9	.40	1.11	78.2	30.4	23.2	711	71.1	172.5	63.4
155	79	740	Mali Lingappa M	7.6	.30	.84	59.1	24.2	18.5	286	28.6	106.2	39.0
				16) <u>Tadavale</u> (Taluka-Atpadi)									
156	13	928	Gawali Bhima Krisana	8.5	.60	.55	30.7	5	3.8	335	33.5	76.0	27.9
157	13	984	Gawali Shankar Dhondi	7.7	.19	.58	40.8	5	3.8	555	55.5	100.1	36.8
158	13	946	Jadhav Ramu Dadu	8.2	.50	.53	37.3	10	7.6	192	19.2	64.1	23.6
159	13	932	Gawali Ananda Sakharan	8.1	.60	.70	49.3	10	7.6	270	27.0	83.9	30.8
160	13	941	Sou. M. Gidde Indu Bhima	8.0	.30	.62	43.7	5	3.8	185	18.5	66.0	24.3
161	13	943	Jadhav Narayan Kundlik	8.2	.31	.56	39.4	5	3.8	233	23.3	60.5	24.4
				17) <u>Yelur</u> (Taluka-Nelwa)									
162	15	1133	Bogar Pendu Rame	8.2	.22	.66	46.5	5	3.8	147	14.7	65.0	23.9
163	15	1099	Patil Bhagwan Bhau	8.1	.28	.66	46.5	5	3.8	297	29.7	80.0	29.4
164	15	122	Bogar Jegannath Keshav	8.5	.18	.55	36.7	5	3.8	1000	100.0	142.5	52.4
165	15	1168	Mengalekar Jaysinh Appa	8.6	.18	.60	42.2	5	3.8	195	19.5	65.5	24.0
166	15	1513/A	Mulani Abbas Hanif	7.7	.37	.53	37.3	5	3.8	160	16.0	57.1	20.9
167	15	728	Shirmare Manohar Dhondiram	8.2	.75	.94	66.2	30	22.9	262	26.2	115.3	42.4

TABLE NO. 4.3 contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
168	15	1603	Bogar Shripati Abe	8.2	.15	.60	42.2	42	32.0	172	17.2	91.4	33.6
169	15	1512/2	Patil Sukumar Bhima	7.8	.12	.23	16.2	5	3.8	140	14.0	34.0	12.5
170	15	126/2	Yedhev Tuka Yashwant	8.9	.22	.74	52.1	5	3.8	420	42.0	97.0	35.9
171	15	1513/2	Muleni Kasim Hanif	8.8	.82	.76	53.5	15	11.5	307	30.7	95.7	35.2
172	15	926	Jadhev Pandu Bhau	8.1	.25	.74	52.1	21	16.0	227	22.7	90.8	33.4
173	15	576	Kadam Shivaji Nivruti	8.4	.56	.62	43.7	46	35.1	430	43.0	121.8	44.0
174	15	925	Bogar Tuka Aba	8.1	.18	.43	30.3	5	3.8	247	24.7	58.8	21.6
18) <u>Wategaon</u> (Taluka-Walwa)													
175	2	1693	Mulik Shankar Bhau	8.0	.25	.83	58.4	15	18.5	262	26.2	96.1	35.3
176	2	1690	Mulik Tatoba Bhau	8.0	.22	.49	34.5	15	11.5	247	24.7	70.7	25.9
177	2	590	Lidhade Vasant Vishwanath	7.8	.44	.39	27.5	105	80.1	140	14.0	121.6	44.7
178	2	1681	Mulik Kisan Bhau	8.1	.18	.51	35.1	5	3.8	172	17.2	56.9	20.9
179	2	604	Khot Dnyanu Tuka	8.0	.35	.52	36.6	30	22.9	132	13.2	72.7	26.7
180	2	693	Mulik Datta Bhau	8.2	.22	.70	49.3	5	3.8	200	20.0	73.1	26.9
181	2	70	Wategaonker Bhanudas Appa	7.5	.19	.68	46.5	5	3.8	132	13.2	63.4	23.3

T A B L E NO.4.4

TABLE SHOWING CHEMICAL ANALYSIS OF SOIL SAMPLES
STRATUM NO.IV SLOPE : Above 8%.

Sr. No.	Vill-Survey No.	Name of the farmer	pH	TSS %	available N		available P ₂ O ₅		available K ₂ O		Effective Index No.	Proportionat Index No.	
					% Index No.	Kg/ Index No.	% Index No.	Kg/ Index No.	% Index No.	Kg/ Index No.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1) <u>Arale</u> (Taluka-Shirala)													
1	22	NA	Chodvil Bhau Pandu	6.7	.34	.62	43.7	131	100	1000	100.0	243.7	89.6
2	22	98	Borade Dnyandeo Kondi	6.5	.09	.52	36.6	36	27.5	335	33.5	107.1	39.4
3	22	NA	Berade Maruti Bhau	6.4	.22	.52	36.6	10	7.6	237	23.7	77.9	28.6
4	22	256	Patil Hareash Bandu	6.5	.18	.50	35.2	10	7.6	740	74.4	116.8	48.9
5	22	92	Berade Dnyandeo Kondi	6.4	.22	.57	40.1	5	3.6	290	29.0	73.2	26.9
6	22	314	Patil Dhondi Yesu	7.2	.15	.52	36.0	42	32.0	317	31.7	99.6	36.6
7	22	310 310	Chougule Aba Dhondi	6.7	.18	.43	30.3	10	7.6	220	22.0	59.9	22.0
8	22	NA	Chougule Vishnu Dyanu	7.6	.12	.36	25.3	26	19.8	200	20.0	65.9	23.9
9	22	324	Chaugule Ramu Naru	7.4	.12	.36	25.3	26	19.8	237	23.7	68.8	25.3
2) <u>Kokrud</u> (Taluka-Shirasa)													
10	38	25/3	Ghode Chandu Hari	6.3	.09	.66	45.5	5	3.8	112	11.2	61.5	22.6
11	38	10/3	Nangare Daalu Babu	6.7	.12	.82	57.7	36	27.5	252	25.2	110.3	40.6
12	38	58/2	Nangare Pandurang Bandu	6.8	.12	.80	56.3	52	39.7	247	24.7	120.4	44.3

TABLE NO. 4.4 cont.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
13	38	304/2	Sutar Nandoo Krishna	6.4	.12	.84	66.2	30	24.9	140	14.0	103.2	37.9
14	38	327/2	Sou.Satpute Chingubai Shankar	6.3	.09	.70	49.3	15	11.5	630	63.0	123.8	45.5
15	38	323/27	Patil Dnyanu Keru	6.5	.15	.82	57.7	10	7.6	150	16.0	81.3	29.9
16.	38	334/5	Jadhav Ganapati Daomlu	6.6	.15	.88	62.0	78	59.5	262	26.2	147.7	54.3
17	38	B17/8	Nangare Keru Vithu	6.0	.09	.72	50.7	5	3.0	127	12.7	67.2	24.7
18	38	30/3	Ghode Balu Hari	6.9	.15	.85	59.8	15	11.5	470	47.0	118.3	43.5
19	38	31/1	Jadhav Namu Sadhu	6.5	.15	.74	52.1	105	80.1	237	23.7	155.9	57.3
20	38	36/27	Ghode Mahadeo Hari	6.2	.07	.62	43.7	10	7.6	160	16.0	67.3	24.7
21	38	15/3	Ghode Maruti Jana	6.0	.22	.80	56.3	105	80.1	180	18.0	154.4	56.8
22	38	NA	Nangare Yeshwant Krishna .	6.7	.18	1.20	84.5	5	3.8	307	30.7	119.0	43.7
23	38	NA	Nangare Bandu Keshav	6.9	.15	.83	58.4	110	84.0	1000	100.0	242.4	89.1
3) Natoli (Taluka- Shirala)													
24	69	80	Patil Bapu Yeshu	7.0	.34	.90	63.4	21	16.0	180	18.0	97.4	35.8
25	69	156	Patil Bapu Ganu	7.4	.28	.94	66.2	5	3.8	270	27.0	97.0	35.7
26	69	73/74	Patil Dnyanu Bala	7.4	.25	1.02	71.8	21	16.0	180	18.0	105.8	38.9
27	69	136	Patil Dattu Dadu	7.6	.22	.70	49.3	29	22.1	247	24.7	96.5	35.5
28	69	NA	Patil Shearoo Ganapati	7.8	.25	.66	46.5	10	7.6	187	11.7	72.8	26.8
29	69	64	Mhambelker Vishnu Chendu	7.1	.18	.60	42.2	5	3.8	140	14.0	60.0	22.0

TABLE NO. 4.4 contd.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
030	69	10	Patil Sahadeo Maneao	7.5	.25	.43	30.3	26	19.8	152	15.2	65.3	24.0
031	69	140	Kapuskar Dnyanu Narayan	7.8	.18	.46	32.4	15	11.5	167	16.7	59.9	22.0
032	69	61	Patil Keshav Maruti	7.5	.22	.55	38.7	15	11.5	147	14.7	64.1	23.6
033	69	36	Inendar Sadaband Vitthal	7.1	.25	.43	30.3	68	51.9	160	16.0	97.2	35.0
034	69	37	Patil Pandurang Ramchandra	7.8	.34	.57	40.1	57	43.5	335	33.5	17.1	43.0
35	69	134	Patil Dagedu Chandru	7.1	.37	.60	42.2	36	27.5	237	23.7	93.4	34.3
4) <u>Petlond</u> (Taluka- Shirala)													
36	12	37	Patil Savala Dhondi	6.5	.18	.96	67.6	52	39.7	665	66.5	173.8	63.9
37	12	7	Mahar Bhau Sahu	6.4	.18	.99	69.7	52	39.7	675	67.5	176.9	65.0
38	12	NA	Patil Kalu Dhondi	6.6	.22	.70	49.3	42	32.0	380	38.0	169.3	62.2
39	12	19	Sonar Shankar Bapu	5.9	.22	1.22	85.9	110	100.0	500	50.0	235.9	86.7
40	12	39	Sonar Dnyanu Pilu	7.0	.18	1.22	85.9	18	13.7	910	91.0	190.6	70.0
41	12	5	Sakate Rajaram Dnyanu	6.0	.12	1.42	100	18	13.7	430	43.0	156.7	57.6
42	12	NA	Revale Dnyanu Heri	6.9	.09	.60	42.2	26	19.8	925	92.5	154.0	56.6
43	12	63/1	Patil Sawala Dhondi	6.8	.25	.85	59.8	21	69.0	750	72.0	150.8	57.7
44	12	35/1	Gholape Dnyanu Raoji	6.6	.34	.34	23.9	5	3.08	152	15.2	42.7	15.7
45	12	37/A	Patil santu Krishna	6.7	.31	.48	33.8	15	11.5	290	29.0	74.2	27.3
46	12	68/7	Vasase Adam Ibrahim	6.6	.22	.52	36.6	75	11.5	270	27.0	75.0	27.6