The following Mini Soil Testing Lab (Mridaparoikshak) were procured by KVK Sirsa during the following years.

Sr. no.	2015-16	2016-17	2018-19
1.	01 Kit procured	01 Kit Procured.	Nil

300 tests of soil samples were carried out with these kits. The relevant data is attached herewith.

During the year 2015-16 quotations were invited but only 01 quotation was received, no other firm deals with the above items. As per purchase procedure in case of less than 03 quotations, the approval of the CPC is required. The case was placed before the CPC meeting held on 17.3.2016 and CPC approved the purchase of soil testing kit. Hence the item was procured from Ms. Nagarjuna Agro Chemicals Pvt. Ltd, Hyderabad.

During 2016-17 as per DO No. NRM -2 (12) 2015-SWDF DT 1.2.2017 From Secretary and Director General, Govt. of India, ATARI, the Maridaprikshak/Mini Lab is a proprietary item with exclusive right of manufactruring and distribution presently (That Time) with Ms. Nagarjuna Agro Chemicals Pvt. Ltd, Hydrabad. As per rule XIX of SPP-2011, on the basis of the letter of DARE it is certified that the item required is not available from any other souce and the prices are competitive. Hence said item was procured from above firm.

The Kit was purchased under the Scheme 5781 D(b)DEE -161-I-ICAR during year 2015-16 and the Kit was purchased under the Scheme 5833 D(b)DEE-23-I-ICAR and RF-10 (Revolving fund).

SR No.	PH	EC	OC	Р	К	Zn	Fe	Mn
1	8.81	1.1	0.21	8.11	87.7	2.43	2.01	5.36
2	8.68	1	0.18	10.1	141.8	3.06	1.46	4.36
3	8.64	0.29	0.28	8.6	218	4.41	1.32	5.65
4	8.58	0.71	0.4	4.7	384.4	2.96	1.56	5.54
- 5	8.56	0.63	0.31	25.2	286.3	1.59	2.36	7.48
6	8.71	0.94	0.34	23.23	236	5.55	4.56	
7	8.8	0.49	0.24	8.9	55.4	4.44	2.31	9.47
8	8.85	0.57	0.3	8.36	116	2.34	1.56	8.54
9	8.96	0.46	0.25	21.4	28.37	2.57	0.97	3.47
10	8.78	0.41	0.33	12.5	81.26	2.01	1.11	3.65
11	8.83	0.53	0.34	11.6	73.52	3.47	1.07	3.32
12	8.87	0.45	0.15	19.6	85.13	3.04	0.94	3.14
13	8.65	0.62	0.19	28.6	130.2	2.55	0.85	2575
14	8.54	0.49	0.25	25.02	143.1	2.61	1.23	6.74
15	8.09	1.3	0.31	7.91	176.7	2.22	4.26	6.5
16	8.44	1.2	0.28	9.76	125.1	2.38	1.35	7.24
17	8.41	0.89	0.22	11.53	119.9	2.47	2.46	3.46
18	8.8	0.7	0.34	9.01	130	3.65	2.78	3.27
19	8.6	1.2	0.3	14.5	141.5	3.01	2.1	6.25
20	7.5	0.83	0.28	8.15	220	3.44	1.04	6.54
21	7.96	0.91	0.25	8.9	104.1	3.59	1.25	6.75
22	7.71	0.35	0.19	7.5	170.1	1.05	1.63	6.18
23	7.74	0.28	0.31	11.7	200	3.56	1.47	6.74
24	7.81	0.28	0.18	13.01	165.1	2.65	1.49	6.31
25	7.8	0.29	0.22	9.08	141.7	2.58	1.05	4.38
26	8.02	0.18	0.4	10.71	136	3.15	0.98	3.75
27	8.55	0.46	0.3	10.07	144.9	3.65	2.49	3.98
28	8.2	0.61	0.21	12.01	120.9	3.47	2.16	4.13
29	8.35	0.81	0.34	4.59	95.4	2.56	1.17	3.45
30	8.42	0.62	0.22	7.5	118.7	2.95	1.38	4.69
31		0.54			131.9	2	2.49	4.17
32		0.83	0.19	8.08	122.6	2.57	2.58	4.67
	7.75			7.14		2.16	3.35	4.13
34		0.21				3.44	3.47	3.65
		3.1				3.05	2.18	3.45
36	8.15			8.9		2.94	2.69	3.27
37		0.74				4.56	2.57	3.44
38	8.12			22.3		3.98	1.33	4.28
39				20.5			1.14	4.37
40	8.35			8.9		3.58	1.07	9.54
41	8.32			19.07		4.11	2.09	8.34
42		0.54				4.78	2.47	7.47
43		1				4.98	1.39	7.25
44		1				7.65	2.49	7.64
45		0.9						
	8.46			9.4			3.38	9.34
47		0.48					3.79	8.14
48	8.48	0.41	0.28	8.16	141.4	5.23	4.01	8.54

49	8.74	0.38	0.25	10.19	- 132.6	3.46		7.34
50	8.7	0.39	0.19	14.7	171.7	5.76	2.05	4.96
51	8.34	1.3	0.18	7.95	147.9	2.36	2.11	5.98
52	8.6	0.51	0.31	8.19	110.6	5.36	1.07	6.38
53	8.28	0.73	0.34	11	120	4.58	1.38	7.25
54	8.2	2	0.21	15.02	135.9	5.39	2.34	7.54
55	8.4	0.41	0.22	8.04	140.1	7.56	2.01	3.47
56	8.21	0.89	0.28	7.91	160	2.36	1.08	3.69
57	8.56	0.46	0.16	8.56	110.4	5.34	1.65	4.65
58	8.42	0.96	0.33	11.9	129.6	6.34	1.49	8.64
59	8.14	1.1	0.21	8.4	140.2	4.25	0.98	5.47
60	7.95	0.96	0.24	7.9	178.9	4.36	0.65	5.39
61	8.02	0.84	0.3	8.6	133.2	4.14	0.79	5.39
62	8.21	0.54	0.25	8.74	126	5.28	1.02	5.47
63	8.25	0.79	0.33	10.49	147.4	2.36	1.45	5.31
64	8.16	0.66	0.34	6.7	133.2	5.89	0.56	4.69
65	8.41	0.84	0.25	9.01	120.4	5.76	1.47	5.87
66	8.26	0.53	0.19	8.16	115.5	4.26	4.36	5.17
67	8.49	0.53	0.22	8.74	131.5	4.36	5.21	4.34
68	7.92	0.9	0.3	9.71	144.7	1.14	2.34	3.21
69	8.25	1.1	0.18	8.72	159.2	6.15	2.15	6.87
70	8.11	0.41	0.29	14.01	139.2	7.36	2.01	9.65
71	7.99	0.24	0.31	10.5	142.1	5.23	1.4	8.21
72	8.01	0.36	0.27	15.7	160	4.36	0.66	5.37
73	7.88	0.54	0.33	9.01	146.9	4.15	0.85	6.34
74	7.99	0.25	0.45	24.06	160.2	4.78	1.36	5.74
75	7.92	0.36	0.37	9.01	155.7	4.15	1.25	2.18
76	7.97	0.41	0.21	11.12	144.9	4.28		5.37
77	7.9	0.38	0.24	10.98	272.3	5.36	1.89	4.96
78	8.1	0.47	0.26	11.97	260.4	4.21	1.47	3.21
79	7.8	0.5	0.38	10.25	258.3	2.36		3.25
80	8.1	1.03	0.21	9.25		2.56		
81	7.8	0.57	0.26	16.58	195.8	2.53		1.39
82	8.1	0.51	0.2	14.56	145.9			1.88
83	7.9	0.46		14.2	240.6			5.48
84	7.7	0.69	0.3	220.3				
85	7.8	0.53	0.25	14.56		4.58	1.36	
86	7.8	0.73	0.16	13.24		4.37		
87	8.16	0.65	0.3	16.87		4.01		
88	7.75	1.02	0.28	18.36		2.36		6.34
89	7.91	0.73	0.26	14.76		5.36		
90	8.12	0.81	0.2	14.32	280.7	2.3	1.58	
91	8.23	0.8	0.21	16.04	276.1			
92	7.89	0.8	0.25	18.34	266.2	4.74		5.37
93	8.34	1.03	0.2	12.97	220.3			
94	7.98	0.67	0.21	14.52	240.7			
95	8.01	0.48	0.16	10.37	103.7			5.38
96	8.1			9.38				
97	8.14	0.71	0.3	8.6		2.39		
98	8.04	0.65	0.26	5.63	200.4	3.11	1.48	4.63

99	7.86	0.92	0.21	8.89	127.7	3.17	1.36	5.37
100	8.06	0.52	0.3	10.36	166.5	5.36	2.36	14.53
101	8.04	1.1	0.2	10.79	220.5	4.39	1.45	12.25
102		1	0.3	9.66	155.6	3.64	1.03	8.56
103	8.07	1.3	0.19	5.63	160.4	3.79	0.65	9.1
104	8.19	0.89	0.26	8.35	225.8	3.64	0.68	8.53
105	8.01	0.66	0.2	7.96	300.4	2.65	2.36	8.36
106	8.19	0.53		11.02	291.7	2.45	2.42	8.64
107	7.93	0.54	21	12.56	217.9	2.39	2.37	5.36
108	7.85	0.42	0.18	10.86	245.9	2.13	1.59	8.14
109	8.02	0.5	0.26	8.96	221.3	1.39	1.36	11.45
110	8.02	0.57	0.22	15.36	236	6.13	1.48	10.25
111	8.2	1.4	0.26	14.36	246.8	5.21	1.04	9.56
112	8.31	0.63	0.3	11.22	255.3	5.38	0.98	8.46
113	8.03	0.64	0.22	11.58	278.4	5.47	0.47	9.15
114	8.16	1.02	0.39	11.46	165.4	4.39	0.68	8.34
115	7.93	0.88	0.3	11.38	136.7	4.38	0.29	9.75
116	7.83	0.64	0.3	11.24	138.7	4.69	1.27	11.36
117	7.93	0.32	0.26	10.69	140.5	4.19	1.39	11.85
118	8.02	0.6	0.27	15.34	224.9	5.37	1.45	3.79
119	8.2	1.1	0.31	14.89	241.6	2.37	1.43	8.98
120	8.2	0.72	0.26	10.63	273.7	3.64	1.39	7.64
121	7.86	0.6	0.28	8.56	256.8	2.89	2.39	0.69
122	7.84	0.92	0.39	9.47	241.9	5.96	2.48	7.26
123	8.02	0.56	0.4	11.79	223.7	4.67	2.47	8.49
124	7.74	0.99	0.32	12.69	176.8	5.37	2.69	10.79
125	7.91	0.97	0.36	16.38	136.7	5.31	2.34	8.87
126	7.96	1.2	0.21	18.31	179.4	4.39	2.57	0.96
127	8.03	0.56	0.18	15.79	258.6	4.71	2.13	7.58
128	7.83	0.64	0.32	16.27	279.4	4.31	2.1	8.69
129	7.93	0.4	0.3	18.69	240.3	4.1	2.89	7.59
130	7.91	1.15	0.3	14.98	270.4	4.02	3.61	8.64
131	8.13	0.54	0.26	10.88	280.7	2.79	3.48	5.39
132	7.93	2.2	0.3	6.39	256.7	2.01	2.49	5.64
133	8.01	0.64	0.28	9.63	131.7	3.73	2.48	5.21
134	7.76	0.42	0.26	11.28	159.7	3.49	2.66	8.39
135	8.23	0.3	0.3	17.68	158.9	2.59	3.01	7.46
136	8.07	0.63	0.26	15.38	137.7	2.64	3.79	7.21
137	7.9	0.67	0.3	14.67	137.9	5.37	2.1	
138	8.6	0.55	0.18	10.28	155.7	2.19	2.56	9.96
139	7.9	0.68	0.21	11.54	137.6	5.24	2.37	8.31
140	8.06	0.75	0.26	10.79	125.7	4.38	0.57	7.36
141	7.93	0.69	0.28	11.69	226.9	6.34	1.64	7.45
142	8.03	0.7	0.27	11.47	190.7	5.39	2.56	7.31
143	7.96	0.56	0.2	20.87	165.1	5.21	2.13	7.15
144	7.82	0.54	0.19	17.39	123.8	5.39	2.79	7.64
145	7.84	0.56	0.22	11.48	134.4	2.37	1.34	1.39
146	7.91	0.32	0.19	11.67	133.7	5.97	1.22	7.98
147	7.85	0.48	0.24	11.48	192.4	4.1	1.58	5.23
148	8	0.78	0.34	10.47	196.6	3.98	1.85	3.64

149	7.96	0.4	0.21	15.64	177.1	3.17	1.69	.3.58
150	8.1	0.36	0.24	10.79	138.3	3.56	1.43	3.49
151	8.16	2.1	0.18	11.41	185.2	3.28	2.17	3.71
152	7.95	0.91	0.24	8.89	154.9	3.57	1.03	4.67
153	7.93	0.59	0.26	8.46	263.9	5.21	2.49	4.26
154	8.01	0.7	0.29	7.39	210.4	2.39	3.49	4.93
155	7.56	0.39	0.28	10.67	238.4	3.97	4.56	4.02
156	7.79	0.47	0.31	9.38	211.4	5.39	5.98	5.39
157	7.83	0.64	0.3	11.47	298.3	3.79	4.39	7.25
158	7.83	0.9	0.26	8.39	264.8	5.39	2.47	8.39
159	7.4	0.88	0.21	7.63	237.3	5.21	2.67	5.64
160	7.84	0.16	0.24	23.87	279.6	7.97	3.67	7.98
161	7.13	0.92	0.26	12.47	216.7	5.34	3.1	4.87
162	8.12	0.96	0.27	8.71	253.7	4.97	2.48	7.12
163	8.05	0.44	0.28	9.37	267.8	3.12	5.39	8.39
164	7.79	0.32	0.26	8.34	213.3	5.47	5.47	9.56
165	7.86	0.6	0.28	11.24	244.1	5.1	4.63	9.1
166	7.86	0.58	0.26	25.37	269.5	3.49	4.67	8.64
167	7.84	0.85	0.26	10.39	255.3	3.65	4.98	7.58
168	7.7	0.96	0.2	20.79	246.7	3.27	4.39	4.13
169	7.81	0.98	0.28	11.36	198.4	3.68	4.98	3.57
170	8.09	1.7	0.3	5.39	165.8	3.28	4.96	4.39
171	8.16	1.5	0.26	6.79	167.9		3.57	7.15
172	7.93	0.21	0.16	8.69	258.7	3.1	2.86	7.56
173	7.82	0.24	0.14	4.39	263.4	5.02	2.49	7.59
174	7.58	0.23	0.13	7.39	137.4	5.36	2.67	8.39
175	7.68	0.16	0.14	15.34	182.8	5.1	5.39	11.43
176	7.53	0.74	0.26	20.36	176.3	4.07	2.1	11.22
177	7.43	0.74	0.2	23.69	255.9	5.34	2.34	10.98
178	7.44	0.52	0.4	25.47	123.7	5.21	1.09	7.36
179	7.5	1.2	0.32	18.9	246.7	4.02	3.79	9.14
180	7.8	2.2	0.36	14.36	258.3	7.41	5.67	7.06
181	8.56	1.1	0.31	15.23	243.4	9.01	0.57	5.16
182	8.1	0.21	0.26	10.79	129.8	4.36	0.98	6.17
183	8.3	0.53	0.5	9.34	144.1	8.68	4.36	4.96
184	7.84	0.5	0.3	8.63	263.4	5.37	4.37	8.34
185	7.35	0.45	0.24	9.52	301.6	5.39	2.68	7.39
186		0.49				6.34	4.97	8.12
187	8.02	0.29	0.3	8.59	254.1	7.24	2.39	8.3
188	8.05	1	0.26	8.46	188.6	7.26	2.54	8.47
189	8.1	0.37	0.4	7.69	172.4	3.98	1.27	6.12
190	8.06	0.34	0.51	12.34	152.7	5.39	1.69	7.96
191	8	0.46	0.42	12.46	139.5	6.39	2.64	9.34
192	8.46	0.4	0.26	15.34	167.1	6.31	3.69	8.74
				8.61		7.65		
194	8.1	0.33	0.3	8.14	237.1	8.39	1.56	4.99
195	7.49	0.26	0.2	12.37	190.8	6.31	1.37	7.39
196	8.23	0.26	0.22	15.63	139.5	5.37	1.64	
197	8.3	0.26	0.22	14.27	187.3	9.34	2.65	
		0.37			214.6			

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199	8.06	0.41	0.26	8.91	200.3		6.39	4.28
200	7.59	0.89	0.44	10.27	236.8	2.39	0.96	5.63
201	8.31	0.46	0.32	16.2	240.5	5.6	3.1	5.41
202	7.59	0.71	0.28	18.24	266.3	5.31	2.56	6.34
203	7.91	0.48	0.22	20.36	280.4	2.54	2.47	6.89
204	8.42	0.74	0.29	18.65	292.5	5.21	1.54	8.69
205	8.32	0.45	0.3		260.3	4.21	1.02	8.74
206	8.07	0.45	0.26		272.1	4.29		6.31
207	7.82	0.49	0.36	11.6	288.7	4.58	3.47	
208	7.95	0.39	0.4		270.6	4.31		5.01
209	8.2	0.22	0.15		266.9			
210	8.1	0.35		12.9	236.5	6.31		
211	7.63	0.22	0.13	10.2			1.65	
212	7.85	0.18	0.1	12.6				
213	7.58	0.27	0.16	13	266.1	5.37		
214	7.72		0.22		236.1			5.17
215	7.95	0.21	0.2		240.9			4.1
216	7.93	0.32	0.3	13.65	290.4			2.49
217	7.95	0.21	0.27		277.6		2.16	5.39
218	8	0.27	0.26		260.2			10.39
219	7.79			16.2	270		1.57	9.65
220	8.4	1.4	0.15		170.3			9.68
221	8.31	0.91	0.22		190.5			7.84
222	7.54	0.55	0.2		240.7		2.87	7.65
223	7.49	0.33	0.2		166.1			7.28
224	7.89	1.9	0.22		290.8	4.69		7.41
225	8.32	0.59	0.26		270.9			7.37
226	8.31	0.44		16.7		3.57		5.21
227	8.11	0.33	0.4	12.9		3.21 3.59		5.01
228	8.52	0.69	0.49		176.4	3.68	3.08	4.98
229	8.6	0.46	0.38	13.7	240.6		3.46	4.87
230	8.45	0.36	0.46	18	280.5		365	4.26
231	8.36	1.7	0.15	16.9	298.7	3.28	3.04	5.83
232	8.46	0.27		16	190.7		1.89	5.41
233	7.69	0.19	0.13	12.2	270 316.4		1.97	5.67
234	9.01	0.16	0.17	18.4	290.1	3.29	3.05	5.31
235	9.1	0.26	0.19	10.4	260.8	3.2	5.21	3.79
236	8.82	1.4	0.2	9.6		3.21	4.9	3.46
237	8.9	0.6	0.31	11.4	248.3	3.69	6.21	3.57
238	9.01	0.64	0.32	12.6	248.4	3.54	2.79	3.81
239	8.2	1.02	0.16	14.5	268.6	3.27	2.05	3.77
240	8.22	0.88	0.19	10.2	276.7	3.56	2.67	6.71
241	8.25	0.64	0.2	10.8 9.5		2.39	2.71	2.36
242	8.41	0.32	0.32		260.8	2.78	2.84	2.65
243	8.36	0.6	0.26	7.9 8.14	276.1	2.98	2.31	8.79
	8.56	1.1	0.28		260.2	2.59	1.53	7.39
245	8.86	0.72	0.26	12.23	270.8	2.51	1.98	7.21
246	8.46	0.6	0.3	13.14 15.06	280.7			7.68
247	8.41	0.92	0.28		292.7	3.64	0.00	7.54
248	8.53	0.56	0.29	12.39	LJLI			

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249	8.2	1.1	0.22	12.46	266.7	3.21	1.73	7.34
250	8.03	0.97	0.21	11.47	272.3	2.56	5.27	7.21
251	8.32	1.2	0.2	10.09	290.6	2.21	2.18	5.39
252	7.85	0.56	0.26	9.23	280.8	4.36	2.46	5.87
253	7.95	0.64	0.28	8.31	280.9	4.65	2.37	5.38
254	7.81	0.4	0.19	7.39	270.4	4.2	2.1	3.65
255	7.99	1.1	0.32	9.03	266.3	4.11	2.39	3.21
256	7.77	0.54	0.4	11.58	180.5	2.89	2.79	3.04
257	8.01	2.2	0.5	11.64	200.6	2.87	2.34	3.79
258	8.15	0.64	0.5	8.96	197.6	2.54	1.75	3.98
259	8.12	0.42	0.32	12.34	145.7	2.15	1.79	5.26
260	7.95	0.31	0.35	13.58	233.7	2.26	1.34	6.18
261	7.92	0.63	0.2	10.58	156.7	2.25	1.69	6.17
262	7.63	0.67	0.32	10.79	198.4	3.98	1.58	4.39
263	8.24	0.55	0.25	8.79	205.7	3.2	1.3	3.67
264	8.36	0.68	0.21	8.73	220.7	2.57	2.98	3.92
265	8.4	0.75	0.41	8.14	289.4	3.58	2.76	9.98
266	8.23	0.69	0.37	8.46	110.7	3.49	2.79	9.65
267	7.96	0.7	0.2	7.93	190.5	5.21	3.18	10.54
268	7.83	0.56	0.26	12.74	145.8	5.26	2.45	10.39
269	7.75	0.54	0.19	12.37	156.7	5.39	3.1	4.87
270	7.84	0.56	0.28	18.64	237.4	4.3	2.09	4.51
271	8.23	0.64	0.22	19.56	256.9	2.34	2.77	4.26
272	8.2	0.4	0.19	15.34	163.7	2.39	2.67	5.83
273	8.16	1.1	0.26	14.68	139.7	2.51	1.78	9.21 -
274	8.11	0.54	0.27	15.32	158.4	6.39	1.39	9.02
275	7.96	1.2	0.19	1.97	250.7	5.28	2.04	3.54
276	7.73	0.64	0.24	12.45	276.3	5.47	2.86	3.87
277	7.85	0.42	0.24	13.64	188.4	5.12	346	3.02
278	7.87	0.31	0.21	13.74	173.5	5.19	3.51	6.58
279	7.86	0.35	0.24	10.36	125.6	2.17	5.26	6.54
280	8.23	0.63	0.18	9.65	155.6	2.56	5.18	6.98
281	8.2	0.67	0.24	8.31	258.4	2.39	5.27	6.74
282	8.34	0.68	0.26	9.21	199.4	3.67	4.13	6.19
283	8.4	0.66	0.29	8.76	164.7	3.61	6.19	5.28
284	7.75	0.35	0.28	12.34	247.6	2.06	2.77	5.13
285	7.81	0.45	0.31	12.52	249.8	1.98	2.69	2.24
286	8.23	0.85	0.3	12.04	124.8	1.56	2.38	6.39
287	8.25	0.56	0.26	11.67	244.9	2.37	2.15	4.05
288	8.22	0.35	0.21	10.98	263.7	2.21	2.79	2.25
289	8.14	0.25	0.24	10.65	286.7	2.63	2.35	1.56
290	8.09	0.34	0.26	10.47	235.1	2.19	2.4	6.39
291	8.11	0.28	0.27	11.62	224.2	7.88	2.67	6.34
292	7.95	0.69	0.28	20.34	167.6	5.42	2.11	5.29
293	7.86	0.35	0.26	10.64	263.7	5.21	3.89	5.1
294	7.85	0.34	0.28	10.81	190.3	2.13	3.14	5.39
295	7.84	0.26	0.26	16.54	144.6	2.47	3.63	6.31
296	7.72	0.86	0.26	14.79	178.9	2.59	3.84	2.44
297	8.13	0.58	0.2	9.36	184.3	2.11	2.69	2.56
298	8.16	0.85	0.28	9.15	152.2	2.09	2.18	8.97

6.41 3.64 2.15 0.46 0.3 10.38 196.7 8.14 299 2.94 5.19 2.82 0.76 0.26 17.34 200.9 7.85 300

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