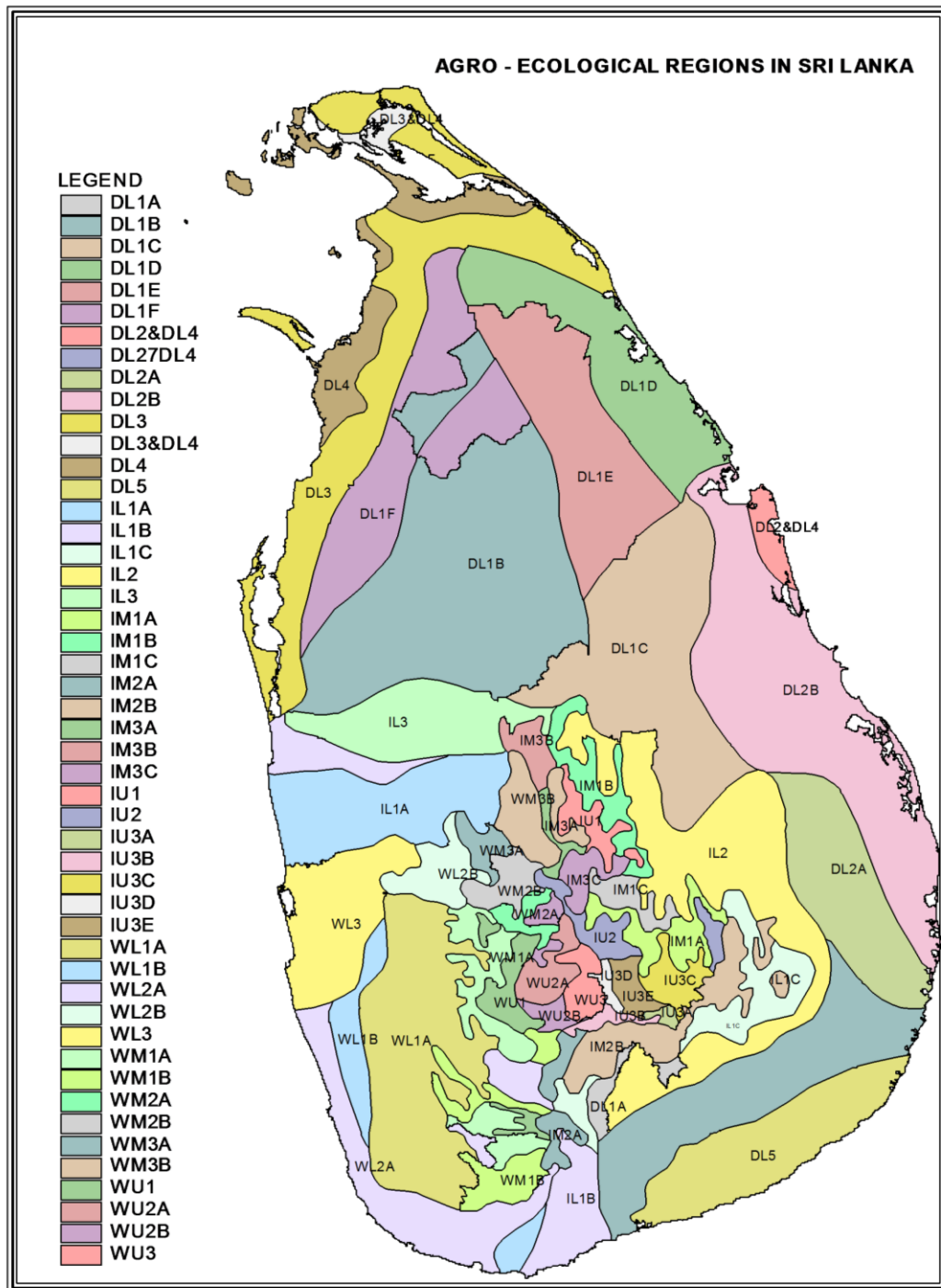


Supplementary Fig 01. Fourty six agro-ecological sub-regions of Sri Lanka (adapted from Punyawardena et al., 2003)



DL - Dry zone Low country – 11 regions

IL - Intermediate zone Low country – 5 regions

IM - Intermediate zone Mid country – 8 regions

IU - Intermediate zone Up country – 7 regions

1, 2, 3, 4, 5, indicates detailed moisture regime (rainfall and evaporation combined) with a degree of wetness where 1 being the most favorable.




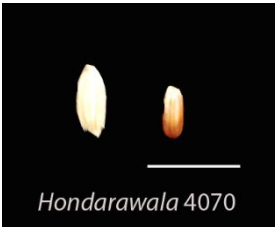

A, B, C, D, E, F, indicates a sub-region as determined by rainfall distribution and other physical environmental factors where degree of wetness decreases A to F.

WL - Wet zone Low country – 5 regions

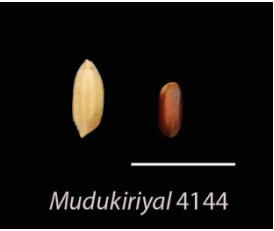
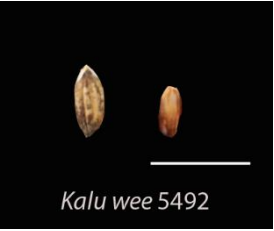

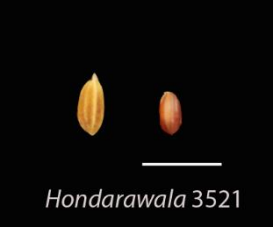


WL - Wet zone Mid country – 6 regions






WL - Wet zone Up country – 4 regions

Supplementary Table 1. Selection of Sri Lankan traditional rice varieties and accessions using flowered accessions included dendrogram.

Serial no.	Cluster no.	No. of accessions	Variety name	PGRC acc. No.	DF	Selected for core collection	Pictures of seed and the pericarp of an accession from each cluster
1	1	1	<i>Dahanala</i>	DN 3131	82	RH 2080 MU 3591	 <i>Rathu heenati 2080</i>
2		2	<i>Karayal</i>	KA 3480	77		
3		3	<i>Kuru wee</i>	KU 4182	80		
4		4	<i>Dahanala</i>	DN 6377	82		
5		5	<i>Dahanala</i>	DN 2050	79		
6		6	<i>Dahanala</i>	DN 6739	75		
7		7	<i>Rata wee</i>	RW 3655	73		
8		8	<i>Weli handiran</i>	WH 4708	71*		
9		9	<i>Rathu heenati</i>	RH 2080	71*		
10		10	<i>Rathu wee</i>	RT 4180	81		
11		11	<i>Mudukiriyal</i>	MU 3591	99**		
12		12	<i>Kalu wee</i>	KW 3728	79		
13		13	<i>Kuru wee</i>	KU 3254	80		
14		14	<i>Suduru samba</i>	SS 3333	97		
15		15	<i>Alagu samba</i>	AS 4218	93		
16	2	1	<i>Sulai</i>	SU 4365	68*	SU 4365 WE 4967	 <i>Sulai 4365</i>
17		2	<i>Kalu wee</i>	KW 3876	78		
18		3	<i>Kiri naran</i>	KN 3479	77		
19		4	<i>Kiri murunga</i>	KM 5504	82**		
20		5	<i>Pachchaperumal</i>	PP 8827	69		
21		6	<i>Weda heenati</i>	WE 4967	82**		
22		7	<i>Hetada wee</i>	HW 2068	77		
23		8	<i>Pachchaperumal</i>	PP 3752	71		
24		9	<i>Weli handiran</i>	WH 4602	76		
25		10	<i>Mudukiriyal</i>	MU 4772	81		
26		11	<i>Kalu bala wee</i>	KB 5481	70		
27	3	1	<i>Sudu wee</i>	SW 6343	79	KY 4285 SH 3580	 <i>Kottayaran 4285</i>
28		2	<i>Kalu heenati</i>	KH 6713	67		
29		3	<i>Weli handiran</i>	WH 3377	78		
30		4	<i>Akuramboda</i>	AB 4918	78		
31		5	<i>Pachchaperumal</i>	PP 9049	72		
32		6	<i>Sudu heenati</i>	SH 3580	99**		
33		7	<i>Kalu heenati</i>	KH 4087	72		
34		8	<i>Kiri murunga</i>	KM 4499	67		
35		9	<i>Kalu wee</i>	KW 3461	66		
36		10	<i>Dahanala</i>	DN 4968	78		
37		11	<i>Kottayaran</i>	KY 4285	58*		
38		12	<i>Kottayaran</i>	KY 5495	68		
39		13	<i>Kottayaran</i>	KY 5516	68		
40		14	<i>Heenati</i>	HE 6400	68		
41		15	<i>Sudu heenati</i>	SH 3930	68		
42		16	<i>Heras</i>	HS 2067	78		
43		17	<i>Kalu heenati</i>	KH 4740	68		
44	4	1	<i>Ismail wee</i>	IW3735	75	WH 4603 HO 4070	 <i>Hondarawala 4070</i>
45		2	<i>Suduru samba</i>	SS 5402	79		
46		3	<i>Hondarawala</i>	HO 4070	104**		
47		4	<i>Rathu wee</i>	RT 5574	102		
48		5	<i>Weli handiran</i>	WH 4603	73*		
49		6	<i>Kurulu thuda</i>	KT 3722	79		
50		7	<i>Herath banda</i>	HB 3864	98		
51		8	<i>Weda heenati</i>	WE 8657	80		
52	5	1	<i>Kottayaran</i>	KY 3275	64*	KY 3275 MA 4436	 <i>Mada al 4436</i>
53		2	<i>Mada al</i>	MA 4436	98**		
54		3	<i>Kuru wee</i>	KU 3552	74		
55		4	<i>Mudukiriyal</i>	MU 3738	75		
56		5	<i>Manikkam</i>	MN 3911	97		

57		1	<i>Heenati</i>	HE 3936	60*		
58		2	<i>Heenati</i>	HE 4063	64		
59		3	<i>Kalu heenati</i>	KH 4536	73**		
60		4	<i>Ranruwan</i>	RR 4167	67		
61		5	<i>Heenati</i>	HE 6738	68		
62	6	6	<i>Kalu bala wee</i>	KB 3158	68	HE 3936	
63		7	<i>Kalu wee</i>	KW 3739	66	KH 4536	
64		8	<i>Kalu wee</i>	KW 3212	69		
65		9	<i>Hetada wee</i>	HW 6424	61		
66		10	<i>Kottayaran</i>	KY 4630	61		
67		11	<i>Hetada wee</i>	HW 4069	66		
68		12	<i>Kalu heenati</i>	KH 2090	64		
69		1	<i>Dahanala</i>	DN 4030	65		
70		2	<i>Wanni dahanala</i>	WD 3582	67		
71		3	<i>Heras</i>	HS 3164	68		
72		4	<i>Kiri murunga</i>	KM 3865	61*		
73	7	5	<i>Dahanala</i>	DN 3917	77	KM 3865	
74		6	<i>Heenati</i>	HE 2097	80**	HE 2097	
75		7	<i>Kalu heenati</i>	KH 4620	79		
76		8	<i>Kalu wee</i>	KW 3266	69		
77		9	<i>Heenati</i>	HE 6402	71		
78		1	<i>Sudu wee</i>	SW 6338	64		
79		2	<i>Wanni dahanala</i>	WD 3386	65		
80		3	<i>Niyan wee</i>	NW 6778	62*		
81		4	<i>Pachchaperumal</i>	PP 3136	62*		
82		5	<i>Karayal</i>	KA 6825	70		
83		6	<i>Heenati</i>	HE 2085	73		
84		7	<i>Mada al</i>	MA 3854	81**		
85	8	8	<i>Karayal</i>	KA 3242	76	PP 3136	
86		9	<i>Dahanala</i>	DN 3540	68	MA 3854	
87		10	<i>Kalu heenati</i>	KH 6232	71		
88		11	<i>Heenati</i>	HE 2084	68		
89		12	<i>Heada wee</i>	HW 4730	76		
90		13	<i>Wanni dahanala</i>	WD 2053	66		
91		14	<i>Sudu wee</i>	SW 6340	62*		
92		15	<i>Mada al</i>	MA 4292	65		
93		1	<i>Kalu bala wee</i>	KB 5479	62		
94		2	<i>Kalu bala wee</i>	KB 5480	65		
95		3	<i>Kalu heenati</i>	KH 4253	74		
96		4	<i>Sulai</i>	SU 6287	57*		
97		5	<i>Karayal</i>	KA 3463	66		
98	9	6	<i>Sudu heenati</i>	SH 3993	63		
99		7	<i>Kuru wee</i>	KU 3982	77**	SU 6287	
100		8	<i>Kottayaran</i>	KY 4112	63	KU 3982	
101		9	<i>Karayal</i>	KA 4745	69		
102		10	<i>Sudu wee</i>	SW 3915	71		
103		11	<i>Heen dik wee</i>	HD 3641	62		
104		1	<i>Mudukiriyal</i>	MU 5536	61*		
105		2	<i>Wanni dahanala</i>	WD 6358	62		
106		3	<i>Hetada wee</i>	HW 3501	65		
107	10	4	<i>Pachchaperumal</i>	PP 5383	61*		
108		5	<i>Kalu bala wee</i>	KB 3172	61*	KB 3172	
109		6	<i>Pachchaperumal</i>	PP 5546	66**	PP 5546	
110		7	<i>Kalu bala wee</i>	KB 3542	61*		
111		1	<i>Kiri naran</i>	KN 4104	84**		
112	11	2	<i>Rathu wee</i>	RT 5573	62	HO 6428	
113		3	<i>Weli handiran</i>	WH 4204	69	KN 4104	

114		4	<i>Kiri murunga</i>	KM 3862	60		
115		5	<i>Heenati</i>	HE 2099	75		
116		6	<i>Kurulu thuda</i>	KT 4554	60		
117		7	<i>Hondarawala</i>	HO 6428	58*		
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118		1	<i>Murungakayan</i>	MK 3331	58*		
119		2	<i>Karayal</i>	KA 3464	69		
120		3	<i>Pachchaperumal</i>	PP 3408	60		
121		4	<i>Pachchaperumal</i>	PP 6834	62		
122		5	<i>Karayal</i>	KA 3222	66		
123	12	6	<i>Mudukiriyal</i>	MU 4144	78**	MK 3331 MU 4144	
124		7	<i>Kiri naran</i>	KN 3350	61		
125		8	<i>Hetada wee</i>	HW 6426	61		
126		9	<i>Pachchaperumal</i>	PP 3946	64		
127		10	<i>Murungakayan</i>	MK 3328	58*		
128		11	<i>Hetada wee</i>	HW 6429	69		
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129		1	<i>Weli handiran</i>	WH 6361	78		
130		2	<i>Dahanala</i>	DN 6165	80		
131		3	<i>Kiri naran</i>	KN 4277	77		
132		4	<i>Sudu heenati</i>	SH 3874	65		
133		5	<i>Kiri murunga</i>	KM 4840	69		
134		6	<i>Sudu heenati</i>	SH 2088	64		
135		7	<i>Kaharamana</i>	KR 5471	63		
136		8	<i>Kalu wee</i>	KW 5492	62*	KW 5492 KR 6723	
137	13	9	<i>Karayal</i>	KA 4746	63		
138		10	<i>Heenati</i>	HE 6401	68		
139		11	<i>Weli handiran</i>	WH 6360	70		
140		12	<i>Kaharamana</i>	KR 6723	81**		
141		13	<i>Rath al</i>	RA 4172	75		
142		14	<i>Akuramboda</i>	AB 4711	79		
143		15	<i>Sudu wee</i>	SW 3469	70		
144		16	<i>Karayal</i>	KA 3628	72		
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145		1	<i>Murungakayan</i>	MK 3491	96		
146		2	<i>Sulai</i>	SU 3574	96		
147	14	3	<i>Kiri murunga</i>	KM 3828	105**		
148		4	<i>Kiri naran</i>	KN 6240	97	MK 6279 KM 3828	
149		5	<i>Murungakayan</i>	MK 6279	85*		
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150		1	<i>Sulai</i>	SU 3494	179***		
151		2	<i>Hondarawala</i>	HO 3521	189**		
152	15	3	<i>Hondarawala</i>	HO 6198	141***	KY 3263 HO 3521 SU 3494 HO 6198 MU 6276	
153		4	<i>Kottayaran</i>	KY 3263	82*		
154		5	<i>Mudukiriyal</i>	MU 6276	139***		
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155		1	<i>Murungakayan</i>	MK 5614	79*		
156		2	<i>Murungakayan</i>	MK 3809	83		
157	16	3	<i>Rata wee</i>	RW 3525	83		
158		4	<i>Sudu wee</i>	SW 4594	91**	MK 5614 SW 4594	
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159		1	<i>Sudu heenati</i>	SH 5670	101**		
160		2	<i>Geris wee</i>	GS 6179	86		
161		3	<i>Kiri naran</i>	KN 4105	83		
162	17	4	<i>Kalu handiran</i>	KD 4739	80	WA 3401 SH 5670	
163		5	<i>Wanni heenati</i>	WA 3401	71*		
164		6	<i>Goda wee</i>	GW 6382	97		
165		7	<i>Mudukiriyal</i>	MU 4145	80		

166		1	<i>Kiri naran</i>	KN 3723	82		
167		2	<i>Kalu heenati</i>	KH 5385	79		
168		3	<i>Sudu wee</i>	SW 3790	90		
169		4	<i>Karayal</i>	KA 4097	78*		
170		5	<i>Dahanala</i>	DN 2049	94**		
171	18	6	<i>Murungakayan</i>	MK 6285	86	KA 4097	
172		7	<i>Sudu wee</i>	SW 6344	79	DN 2049	
173		8	<i>Sulai</i>	SU 6288	78*		
174		9	<i>Mudukiriyal</i>	MU 3852	88		
175		10	<i>Sudu wee</i>	SW 5675	88		
176		11	<i>Kotteyaran</i>	KY 6252	83		
							
177		1	<i>Sudu wee</i>	SW 3510	83		
178		2	<i>Murungakayan</i>	MK 3329	90		
179		3	<i>Murungakayan</i>	MK 3495	78*		
180	19	4	<i>Kaharamana</i>	KR 5472	82	MK 3495	
181		5	<i>Kalu handiran</i>	KD 4535	80	RA 6951	
182		6	<i>Kalu handiran</i>	KD 4533	79		
183		7	<i>Rata wee</i>	RW 3466	88		
184		8	<i>Rath all</i>	RA 6951	99**		
							
185		1	<i>Kiri murunga</i>	KM 5503	78		
186		2	<i>Kalu bala wee</i>	KB 3524	67		
187		3	<i>Sudu wee</i>	SW 6341	68		
188		4	<i>Sudu wee</i>	SW 4801	68		
189		5	<i>Kalu heenati</i>	KH 5484	71		
190	20	6	<i>Sudu wee</i>	SW 3927	69	PP 5550	
191		7	<i>Pachchaperumal</i>	PP 5550	62*	RT 3913	
192		8	<i>Rathu wee</i>	RT 3913	81**		
193		9	<i>Thavalu</i>	TV 3634	68		
194		10	<i>Pachchaperumal</i>	PP 5549	66		
195		11	<i>Mudukiriyal</i>	MU 4143	77		
196		12	<i>Pachchaperumal</i>	PP 5548	64		
							
197		1	<i>Weli handiran</i>	WH 4679	82		
198		2	<i>Duru wee</i>	DW 4626	56*		
199	21	3	<i>Kalu wee</i>	KW 3465	66		
200		4	<i>Kuru wee</i>	KU 3465	90**	DW 4626	
201		5	<i>Murungakayan</i>	MK 6283	80	KU 3465	
202		6	<i>Kotteyaran</i>	KY 5512	65		
							
203		1	<i>Kalu heenati</i>	KH 3989	81		
204		2	<i>Duru wee</i>	DW 4394	72		
205		3	<i>Dahanala</i>	DN 3149	78		
206		4	<i>Heenati</i>	HE 2081	86**		
207		5	<i>Karayal</i>	KA 3686	79		
208		6	<i>Kalu heenati</i>	KH 5191	69		
209		7	<i>Pachchaperumal</i>	PP 5547	64		
210		8	<i>Kalu heenati</i>	KH 4086	67		
211		9	<i>Sudu wee</i>	SW 6342	65	KH 5485	
212		10	<i>Sudu wee</i>	SW 3860	63	HE 2081	
213		11	<i>Kalu heenati</i>	KH 5485	61*		
214		12	<i>Kalu heenati</i>	KH 2101	65		
215	22	13	<i>Weda heenati</i>	WE 4966	67		
							
216		1	<i>Kiri murunga</i>	KM 5501	60		
217	23	2	<i>Thavalu</i>	TV 3643	59***	HE 3889	
218		3	<i>Dahanala</i>	DN 3924	66	KH 7802	
219		4	<i>Kotteyaran</i>	KY 3787	60	TV 3643	

220	5	<i>Karayal</i>	KA 4098	63		
221	6	<i>Kalu heenati</i>	KH 4091	64		
222	7	<i>Heenati</i>	HE 3889	57*		
223	8	<i>Kiri naran</i>	KN 3995	77		
224	9	<i>Kalu heenati</i>	KH 7802	82***		
225	10	<i>Murunga</i>	MR 3133	80		
226	11	<i>Duru wee</i>	DW 3604	70		
227	12	<i>Kiri murunga</i>	KM 4276	79		
228	13	<i>Sulai</i>	SU 3143	73		
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229	1	<i>Hetada wee</i>	HW 2070	67		
230	2	<i>Gires wee</i>	GS 6386	78*		
231	3	<i>Weli handiran</i>	WH 6362	78		
232	4	<i>Sudu heenati</i>	SH 6330	70	GS 6386	
233	5	<i>Kalu heenati</i>	KH 4088	78	SH 3355	
234	6	<i>Sudu heenati</i>	SH 3355	101**		
235	7	<i>Heenati</i>	HE 2098	69		
236	8	<i>Kotteyaran</i>	KY 5514	79		
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237	1	<i>Kalu heenati</i>	KH 2087	80		
238	2	<i>Hondarawala</i>	HO 3906	79		
239	3	<i>Kalu heenati</i>	KH 4089	77*		
240	4	<i>Kalu wee</i>	KW 4562	81	KH 4089	
241	5	<i>Hondarawala</i>	HO 4731	81	GW 6383	
242	6	<i>Sudu wee</i>	SW 4963	85		
243	7	<i>Goda wee</i>	GW 6383	88**		
244	8	<i>Kalu wee</i>	KW 4624	84		
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245	1	<i>Murungakayan</i>	MK 3855	83		
246	2	<i>Murungakayan</i>	MK 3921	76*		
247	3	<i>Hondarawala</i>	HO 3678	106**		
248	4	<i>Sudu wee</i>	SW 3462	106**		
249	5	<i>Hondarawala</i>	HO 6199	96		
250	6	<i>Kiri naran</i>	KN 5505	77	MK 3921	
251	7	<i>Kiri naran</i>	KN 6242	80	SW 3462	
252	8	<i>Hondarawala</i>	HO 4071	103		
253	9	<i>Sulai</i>	SU 5596	97		
254	10	<i>Masuran</i>	MS 5530	93		
255	11	<i>Murungakayan</i>	MK 3900	77		
256	12	<i>Suduru samba</i>	SS 3671	93		
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257	1	<i>Sudu wee</i>	SW 6680	77		
258	2	<i>Heenati</i>	HE 6403	78		
259	3	<i>Kiri murunga</i>	KM 3607	83		
260	4	<i>Kotteyaran</i>	KY 6697	79		
261	5	<i>Heras</i>	HS 6412	71		
262	6	<i>Rata wee</i>	RW 3291	79		
263	7	<i>Kiri murunga</i>	KM 6238	87		
264	8	<i>Weda heenati</i>	WE 4965	79		
265	9	<i>Kiri murunga</i>	KM 6237	79	KY 5513	
266	10	<i>Sudu heenati</i>	SH 6331	108**	SH 6331	
267	11	<i>Dahanala</i>	DN 6378	78		
268	12	<i>Murungakayan</i>	MK 3492	82		
269	13	<i>Niyan wee</i>	NW 4909	97		
270	14	<i>Kalu wee</i>	KW 5494	83		
271	15	<i>Rathu wee</i>	RT 3912	78		
272	16	<i>Kiri murunga</i>	KM 5502	78		
273	17	<i>Kotteyaran</i>	KY 5513	64*		
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274	1	<i>Sulai</i>	SU 6346	133**		
275	2	<i>Mudukiriyal</i>	MU 4142	86*		
276	3	<i>Hondarawala</i>	HO 6690	119***	MU 4142 SU 6346 HO 6690	



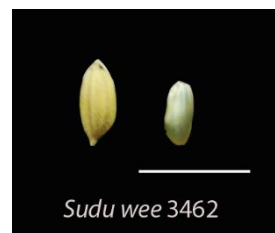
Kalu heenati 7802



Sudu heenati 3355



Kalu heenati 4089










Sudu wee 3462




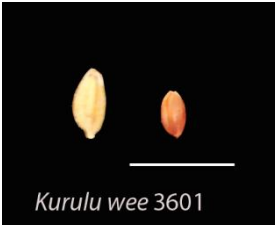




Kotteyaran 5513




Sulai 6346

277		1	<i>Sudu wee</i>	SW 3227	90**		
278		2	<i>Sulai</i>	SU 3968	61*		
279	29	3	<i>Rata wee</i>	RW 3230	77		
280		4	<i>Sudu heenati</i>	SH 2091	66	SU 3968	
281		5	<i>Kiri naran</i>	KN 3162	80	SW 3227	
282		6	<i>Kalu heenati</i>	KH 2197	79		
283		1	<i>Mudukiriyal</i>	MU 3970	102**		
284	30	2	<i>Kalu wee</i>	KW 5493	83*		
285		3	<i>Muhudu rella</i>	ML 4773	99	KW 5493 MU 3970	
286		1	<i>Kottayaran</i>	KY 5515	85		
287		2	<i>Hondarawala</i>	HO 3850	131**		
288		3	<i>Sudu wee</i>	SW 3858	80*		
289		4	<i>Akuramboda</i>	AB 6142	98	SW 3858	
290	31	5	<i>Herath banda</i>	HB 6194	119***	HO 3850	
291		6	<i>Sudu wee</i>	SW 6705	91	HB 6194	
292		7	<i>Kiri naran</i>	KN 6239	84		
293		8	<i>Sudu heenati</i>	SH 4355	81		
294		9	<i>Mudukiriyal</i>	MU 6278	101		
295		1	<i>Rathu wee</i>	RT 6867	80		
296		2	<i>Akuramboda</i>	AB 6141	85**		
297		3	<i>Sudu wee</i>	SW 3857	80		
298		4	<i>Molligoda</i>	MG 4307	79		
299		5	<i>Rathu wee</i>	RT 4179	82		
300	32	6	<i>Sudu wee</i>	SW 6345	82	KR 4260	
301		7	<i>Masuran</i>	MS 3334	82	AB 6141	
302		8	<i>Kiri naran</i>	KN 6241	82		
303		9	<i>Sulai</i>	SU 3481	79		
304		10	<i>Kaharamana</i>	KR 4260	65*		
305		11	<i>Sudu wee</i>	SW 3999	75		
306		12	<i>Weli handiran</i>	WH 4205	77		
307		1	<i>Sudu wee</i>	SW 3512	84		
308		2	<i>Weli handiran</i>	WH 3916	77		
309		3	<i>Rata wee</i>	RW 3224	90		
310		4	<i>Sudu wee</i>	SW 4194	79		
311		5	<i>Rathu heenati</i>	RH 5486	99**		
312	33	6	<i>Sudu wee</i>	SW 4195	76*		
313		7	<i>Kalu wee</i>	KW 4268	83		
314		8	<i>Masuran</i>	MS 4132	89	SW 4195	
315		9	<i>Kiri naran</i>	KN 4103	79	RH 5486	
316		10	<i>Kalu heenati</i>	KH 4621	79		
317		11	<i>Kiri naran</i>	KN 3696	83		
318		12	<i>Rath al</i>	RA 4171	94		
319		1	<i>Molligoda</i>	MG 4306	82		
320		2	<i>Kalu handiran</i>	KD 4534	68*		
321	34	3	<i>Molligoda</i>	MG 4139	85	KD 4534	
322		4	<i>Molligoda</i>	MG 6275	90**	MG 6275	
323		5	<i>Molligoda</i>	MG 4448	84		
324		1	<i>Sudu wee</i>	SW 5676	90	KD 4438	
325	35	2	<i>Kalu handiran</i>	KD 4438	73*	MK 5610	
326		3	<i>Murungakayan</i>	MK 5612	97		

327		4	<i>Suduru samba</i>	SS 4362	81		 <p>Murungakayan 5610</p>
328		5	<i>Murungakayan</i>	MK 5611	81		
329		6	<i>Murungakayan</i>	MK 5610	97**		
330		7	<i>Murungakayan</i>	MK 3257	82		
331		8	<i>Murungakayan</i>	MK 3489	94		
332		9	<i>Murungakayan</i>	MK 6282	97**		
333		1	<i>Sulai</i>	SU 6308	71		 <p>kiri murunga 4102</p>
334		2	<i>Hondarawala</i>	HO 3977	68		
335	36	3	<i>Suduru samba</i>	SS 2202	81**		
336		4	<i>Kiri murunga</i>	KM 4102	60*	KM 4102 SS 2202	
337		1	<i>Suduru samba</i>	SS 3572	99**		
338		2	<i>Suduru samba</i>	SS 3594	94*		 <p>Sudu samba 3572</p>
	37					SS 3572 SS 3594	
339		1	<i>Kurulu wee</i>	KL 3601	175*		 <p>Kurulu wee 3601</p>
340		2	<i>Hondarawala</i>	HO 3528	186**		
	38					KL 3601 HO 3528	
341		1	<i>Kurulu thuda</i>	KT 4553	83		 <p>Kurulu thuda 4555</p>
342		2	<i>Kurulu thuda</i>	KT 4555	82*		
343		3	<i>Ahamba</i>	AM 4212	96**		
	39					KT 4555 AM 4212	
344	40	1	<i>Hondarawala</i>	HO 4243	99		 <p>Hondarawala 4243</p>
						HO 4243	

Supplementary Table 2. Selection of Sri Lankan traditional rice varieties and accessions using not flowered accessions included dendrogram

Serial no.	Cluster no.	No. of accessions	Variety name	PGRC accession no.	Selected for core collection	Pictures of seed and the pericarp of an accession from each cluster
1	1	1	<i>Kurulu thuda</i>	KT 3549	MW 6702	 <p>Ma wee 6702</p>
2		2	<i>Mada al</i>	MA 4291		
3		3	<i>Ma wee</i>	MW 4135		
4		4	<i>Ma wee</i>	MW 3618		
5		5	<i>Mudukiriyal</i>	MU 3522		
6		6	<i>Masuran</i>	MS 3472		

7	7	<i>Hondarawala</i>	HO 3988
8	8	<i>Ma wee</i>	MW 8497
9	9	<i>Rath al</i>	RA 3705
10	10	<i>Mudukiriyal</i>	MU 6277
11	11	<i>Mada al</i>	MA 8064
12	12	<i>Rathu heenati</i>	RH 3390
13	13	<i>Ma wee</i>	MW 6702
14	14	<i>Ma wee</i>	MW 4136
15	15	<i>Rathu heenati</i>	RH 5579
16	16	<i>Ma wee</i>	MW 8552
17	17	<i>Kurulu thuda</i>	KT 3484
18	18	<i>Ma wee</i>	MW 4766
19	19	<i>Maha ma wee</i>	MM 4681
20	20	<i>Ma wee</i>	MW 6710
21	1	<i>Ma wee</i>	MW 4561

2

MW 4561



22	2	<i>Kuru ma wee</i>	KE 3682
23	3	<i>Kuru ma wee</i>	KE 4760
24	4	<i>Maha ma wee</i>	MM 3600
25	5	<i>Kuru ma wee</i>	KE 4113
26	6	<i>Maha ma wee</i>	MM 8696
27	7	<i>Kuru ma wee</i>	KE 3640
28	8	<i>Murungakayan</i>	MK 6280

3

MM 8696



29	1	<i>Kurulu thuda</i>	KT 6700
30	2	<i>Ma wee</i>	MW 3683
31	3	<i>Masuran</i>	MS 8485

4

MW 3683



32	1	<i>Ma wee</i>	MW 8551
33	2	<i>Ma wee</i>	MW 6699
34	3	<i>Ma wee</i>	MW 3704
35	4	<i>Maha ma wee</i>	MM 3786
36	5	<i>Kuru ma wee</i>	KE 4290
37	6	<i>Suduru samba</i>	SS 3479
38	7	<i>Kurulu thuda</i>	KT 3548
39	8	<i>Ma wee</i>	MW 8548

5

MW 6699



Supplementary Table 3. Correlation among the quantitative characters within flowered accessions.

		Correlation Matrix														
		DF	LN	LL	LW	LiL	PH	CL	CN	CD	PL	GL	GW	RL	SW	PW
Correlation	DF	1.000	-.063	.574	.247	.086	.222	.096	-.082	.142	-.016	.011	.015	.129	.027	-.144
	LN		1.000	-.096	-.154	.067	-.036	.009	.324	.019	.115	-.063	-.021	-.131	.435	.204
	LL			1.000	.324	.171	.222	.145	-.106	.188	.048	.010	-.073	.191	-.038	-.124
	LW				1.000	.113	.054	.014	-.226	.117	.055	.135	.095	.047	-.055	-.004
	LiL					1.000	.217	.198	-.190	.277	.228	.031	-.067	.129	.055	-.005
	PH						1.000	.792	-.005	.343	.285	.047	.078	.274	.271	.045
	CL							1.000	-.086	.341	.290	.067	.157	.123	.286	.176
	CN								1.000	-.287	-.096	-.267	-.118	-.088	.389	.187
	CD									1.000	.330	.131	.091	.233	.150	-.002
	PL										1.000	.144	.042	.202	.219	.157
	GL											1.000	.215	.175	-.095	-.041
	GW												1.000	-.121	.043	.156
	RL													1.000	.056	-.275
	SW														1.000	.342
	PW															1.000

Supplementary table 4. Correlation among the quantitative characters within not flowered accessions within the experimental period of 210 days.

		Correlation Matrix								
		LiL	CD	LN	LL	PH	CN	RL	SW	LW
Correlation	LiL	1.000	.661	.290	.070	.361	-.260	.077	.180	-.152
	CD		1.000	.219	.044	.336	-.203	.314	.202	-.216
	LN			1.000	.028	.006	.018	.023	.505	-.141
	LL				1.000	-.296	.201	-.104	.019	.126
	PH					1.000	-.099	.062	.334	-.002
	CN						1.000	.199	.539	.064
	RL							1.000	.135	.020
	SW								1.000	-.174
	LW									1.000