

Table 2 Mean values of rice crosses/genotypes for grain quality traits

Sr. No.	Cross combinations/Genotype	Protein content (%)	Amylose content (%)	GT	GC (mm)	Aroma
1	HPR 2615 × Kasturi	7.55	17.69	2	42.33	3
2	HPR 2615 × HPR 2216	7.77	20.58	2	61.67	2
3	HPR 2615 × Pusa Basmati 1509	8.44	19.5	3	33.67	4
4	HPR 2668 × Kasturi	8.66	18.58	4.33	53.67	3
5	HPR 2668 × HPR 2216	8.21	21.7	2.67	58	1
6	HPR 2668 × Pusa Basmati 1509	9.54	20.17	5.67	49.33	3
7	HPR 2720 × Kasturi	8.88	24.52	2	44.67	2
8	HPR 2720 × HPR 2216	9.32	26.92	2	62	1
9	HPR 2720 × Pusa Basmati 1509	9.32	25.94	4.67	35.67	3
10	HPR 2748 (P) × Kasturi	7.33	23.6	3	42	2
11	HPR 2748 (P) × HPR 2216	8.66	27.42	3.67	52	1
12	HPR 2748 (P) × Pusa Basmati 1509	7.99	25.3	6	57.33	2
13	HPR 2748 (W) × Kasturi	7.77	23	2	41.33	2
14	HPR 2748 (W) × HPR 2216	10.66	27.25	2	46	2
15	HPR 2748 (W) × Pusa Basmati 1509	7.55	25.94	5	34.67	1
16	HPR 2754 × Kasturi	7.77	22.27	2	70	3
17	HPR 2754 × HPR 2216	9.32	24.68	2	74.33	2
18	HPR 2754 × Pusa Basmati 1509	7.77	24.05	2.67	58	2
19	HPR 2755 × Kasturi	7.11	21.56	2	60	2
20	HPR 2755 × HPR 2216	7.99	19.9	2	65	1
21	HPR 2755 × Pusa Basmati 1509	7.11	20.51	4.67	44.33	3
22	HPR 2761 × Kasturi	8.66	28.63	1	44	2

23	HPR 2761 × HPR 2216	8.66	30.98	2	75	1
24	HPR 2761 × Pusa Basmati 1509	9.1	29.51	6	35	3
25	HPR 2858 × Kasturi	9.1	21.84	3	48.33	3
26	HPR 2858 × HPR 2216	9.32	26.1	3	63.67	1
27	HPR 2858 × Pusa Basmati 1509	10.21	22.71	5.67	37.67	4
28	HPR 2862 × Kasturi	8.66	20.58	2	51	1
29	HPR 2862 × HPR 2216	7.99	23.75	4	67.67	1
30	HPR 2862 × Pusa Basmati 1509	9.99	23.15	4.67	49	3
Lines						
31	HPR 2615	7.99	18.84	2	37.67	2
32	HPR 2668	8.44	19.37	2	46.33	1
34	HPR 2748 (P)	7.77	25.46	6.67	46.67	1
35	HPR 2748 (W)	9.32	23.77	2.67	31	3
36	HPR 2754	7.55	23.6	2	61	2
37	HPR 2755	7.33	21.7	2	37.33	1
38	HPR 2761	8.66	29.87	2	31.67	1
39	HPR 2858	9.32	23.76	2	37	3
40	HPR 2862	8.21	22.71	2	60	2
Testers						
41	Kasturi	7.99	20.73	2	46	4
42	HPR 2216	8.66	30.81	3	66	1
43	Pusa Basmati 1509	8.21	27.25	5.67	34	4
	Mean	8.48	23.75	3.09	49.56	-
	SE (m) ±	0.17	0.16	0.18	0.6	
	C.D. at P<0.05	0.46	0.7	0.48	1.68	
	C.V %	3.34	1.82	9.52	2.09	

Note: GT= Gelatinization temperature, GC = Gel consistency