

The estimates on mean, standard deviation and coefficient of variation (CV) for 46 ARG genotypes of the core set over all the traits, and for 46 traits over ARG genotypes

No.	Genotype	Mean	Standard deviation	CV (%)
For 46 ARG genotypes of the core set over all the traits				
1	RAU 724-48-33	19.79	32.68	28.88
2	Kubri Mohar	19.39	32.98	29.61
3	Maguraphulla	19.71	34.56	29.82
4	Bikoni	19.81	34.92	29.83
5	Champaran Basmati 1	20.44	37.31	29.89
6	Kala Namak (Nichlaul)	20.52	37.66	29.91
7	Muhulakuchi	19.83	35.20	29.92
8	Khorika Joha	21.45	41.50	30.03
9	RC 781 Chinnor	19.90	36.07	30.18
10	IGSR-3-1-40	18.98	32.82	30.19
11	Magura	19.85	35.99	30.22
12	Jaiphulla	18.96	32.86	30.23
13	Jeerakasala	18.99	32.96	30.24
14	ASGPC-19	20.07	36.91	30.28
15	Basnadhan	20.29	37.84	30.32
16	Kanak Jeer	18.53	31.66	30.37
17	Chini Kapoor	19.31	34.65	30.49
18	Narendra lalmati	18.67	32.58	30.57
19	Shukla Phool	18.12	30.75	30.60
20	Neelabati	18.74	32.92	30.61
21	Thakurabhog	19.30	34.93	30.63
22	Ganjeikalli	18.26	31.59	30.79
23	Malaysia	18.61	32.93	30.83
24	Kalikati	19.06	34.78	30.94
25	Kesr	16.83	27.18	30.98
26	Juhibengal-A	18.81	33.99	31.00
27	Moongphali - B	17.14	28.36	31.07
28	Dindli	18.91	34.73	31.17
29	Dudaga	17.58	30.05	31.18
30	Nagri Dubraj	17.77	30.74	31.20
31	RD 1008 Sel from Dubraj	18.10	31.94	31.22
32	RAU 3030	19.11	35.80	31.31
33	RAU 3079	18.65	34.16	31.34
34	Shyam Jira	18.14	32.37	31.36
35	Pimpudibasa	18.22	32.65	31.37
36	RB 287 Dubraj Bandi	18.33	33.27	31.47
37	Atmashital	17.84	32.12	31.77
38	RAU 3043	19.69	39.17	31.78
39	Amritbhog	18.62	35.03	31.78
40	RAU 3041	17.83	33.43	32.43
41	Bhatta Phool	16.68	30.50	33.11
42	Bans patri	19.18	40.63	33.23
43	IGSR-3-1-5	20.55	48.09	33.75
44	Deulabhog	14.02	30.38	39.32
45	Kamini Bhog	14.87	34.95	39.76
46	Kapoor Chini	11.59	23.17	41.54
For 46 traits over ARG genotype				
1	Aroma of cooked decorticated kernels	9.00	-	-
2	Hulling (%)	78.20	2.73	2.11
3	Time of heading (50% of plants with panicles)	114.47	8.79	2.59
4	Milling (%)	67.50	3.76	2.87
5	Plant height (cm)	141.40	20.82	3.23
6	Water uptake (WU ml)	117.27	45.27	5.74
7	Endosperm amylose content (%)	23.04	1.85	5.90
8	Head rice recovery (HRR %)	58.47	12.73	6.10

9	Panicle length of main axis (cm)	27.67	3.58	6.84
10	Gel consistency (GC)	46.70	14.07	8.03
11	Specific leaf weight = Dry leaf weight /leaf area (mg/cm ²)	20.08	3.46	9.27
12	Leaf area (cm ²)= Leaf length x leaf breadth x 0.73 (factor)	29.33	12.12	11.87
13	Grain weight of 1000 fully developed grains (g)	16.04	4.22	12.80
14	Volume expansion ratio (VER)	4.88	0.39	12.84
15	Stem thickness	5.00	0.42	12.99
16	Kernel length after cooking (mm)	9.68	1.64	13.24
17	Endosperm presence of chalk (abdominal white)	7.59	1.11	13.86
18	Single plant yield (g)	11.86	3.47	15.70
19	Panicles number per plant	7.93	1.67	16.28
20	Decorticated grain type or shape (lateral view)	6.02	1.17	17.97
21	Decorticated grain length (mm)	4.87	0.78	18.12
22	Alkali spreading value (ASV)	4.27	0.82	21.16
23	Decorticated grain width (mm)	2.07	0.22	22.86
24	Panicle exertion	5.00	1.58	25.12
25	Leaf blast (BI)	6.60	2.88	25.71
26	Leaf intensity of green colour	4.39	1.39	26.85
27	Elongation ratio (ER)	2.00	0.29	26.88
28	Decorticated grain length/breadth ratio	2.40	0.46	28.24
29	Leaf shape of ligule	2.65	0.60	29.31
30	Ratooning ability	5.04	2.91	33.80
31	Panicle - distribution of awns	4.26	2.54	37.42
32	Leaf colouration of collar (intensity of anthocyanin)	1.02	0.15	37.58
33	Leaf pubescence of blade surface	3.87	2.37	39.80
34	Flag leaf attitude of blade (early observation)	2.91	1.52	42.29
35	Leaf colouration of auricles (intensity of anthocyanin)	1.04	0.21	43.52
36	Leaf colouration (intensity of anthocyanin)	2.20	0.98	45.09
37	Culm attitude	1.04	0.29	52.04
38	Leaf colour of ligule (intensity of anthocyanin)	1.09	0.35	54.77
39	Lemma and palea colour	2.83	2.51	56.11
40	Basal leaf sheath colour	1.26	0.74	68.38
41	Yellow stem borer (WE %)	1.09	0.60	70.92
42	Spikelet colour of stigma	1.37	1.04	74.48
43	Whitebacked planthopper (WBPH)	1.70	1.94	82.19
44	Brown planthopper (BPH)	1.52	1.60	83.17
45	Bacterial leaf blight (BLB)	1.70	2.28	89.03
46	Gall midge (GM %)	1.18	1.19	92.72