

Supplementary Table 1: Ranking of genotypes for grain yield performance (t ha⁻¹) under stress and non-stress conditions.

Entry (E)	GY OPT	Entry	GY WW	Entry	GY HMDS	Entry	GY LN
84	12.35	47	8.88	13	4.87	28	3.31
5	11.34	63	8.82	73	4.80	35	3.20
82	11.24	36	8.78	28	4.74	11	3.20
83	10.65	7	8.61	79	4.67	21	3.15
35	10.14	4	8.59	7	4.59	78	3.14
62	10.04	21	8.56	47	4.58	17	3.09
38	9.84	58	8.51	83	4.58	18	3.08
80	9.79	74	8.47	4	4.43	10	3.07
6	9.65	2	8.39	74	4.40	83	3.03
10	9.63	69	8.37	11	4.30	5	3.03
4	9.49	84	8.29	49	4.25	26	2.97
33	9.43	26	8.25	26	4.24	54	2.94
1	9.38	35	8.19	35	4.24	7	2.91
69	9.36	77	8.14	54	4.22	3	2.85
39	9.34	57	8.11	27	4.21	47	2.76
12	9.29	28	8.11	68	4.10	75	2.73
23	9.15	37	8.10	2	4.05	82	2.69
13	9.11	55	8.01	42	4.04	19	2.66
9	9.09	40	7.99	78	4.01	68	2.51
28	9.08	5	7.97	82	4.00	84	2.50
68	8.97	14	7.96	56	3.99	61	2.38
79	8.80	83	7.91	38	3.98	69	2.36
40	8.78	61	7.86	58	3.88	33	2.26
42	8.77	68	7.79	62	3.82	57	2.25
36	8.76	10	7.73	21	3.82	13	2.23
21	8.72	8	7.72	37	3.77	41	2.22
58	8.68	13	7.71	31	3.74	49	2.20
18	8.62	38	7.60	33	3.67	74	2.13
41	8.61	60	7.60	17	3.61	8	2.07
48	8.56	73	7.60	3	3.56	79	2.06
74	8.46	34	7.59	76	3.55	6	2.04
27	8.34	44	7.46	22	3.54	55	2.03
7	8.31	64	7.46	48	3.48	67	2.00
75	8.30	16	7.43	69	3.46	48	1.97
61	8.25	41	7.40	84	3.45	39	1.95
71	8.19	12	7.36	60	3.42	2	1.95
77	8.17	79	7.35	19	3.38	81	1.94
20	8.09	19	7.34	23	3.36	1	1.94
24	8.08	82	7.33	71	3.34	58	1.92
55	7.98	51	7.26	55	3.34	38	1.86
37	7.97	6	7.26	14	3.30	16	1.86
67	7.94	17	7.26	24	3.28	59	1.84
34	7.93	56	7.25	51	3.24	73	1.81
31	7.93	42	7.20	43	3.23	4	1.80
19	7.91	78	7.20	25	3.21	12	1.80
76	7.74	11	7.19	65	3.14	76	1.75
47	7.59	75	7.14	64	3.14	22	1.73
51	7.59	54	7.14	59	3.14	37	1.69

32	7.53	30	7.08	57	3.13	32	1.68
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GY = Grain yield (t ha⁻¹), OPT = optimum, WW = well-watered, HMDS = combined heat and drought, LN = managed low nitrogen conditions.

