

SUPPLEMENTARY

Table 1. Number of day to heading and plant height (cm) in 35 wheat genotypes under fully irrigated and drought stress (in parenthesis) conditions in 2010/11 and 2011/12 growing seasons

Genotype number	Day to heading				Plant height			
	2010/11		2011/12		2010/11		2011/12	
	Fully irrigated (Drought stress)	Mean	Fully irrigated (Drought stress)	Mean	Fully irrigated (Drought stress)	Mean	Fully irrigated (Drought stress)	Mean
1	175.6 (174.6)	175.2	177.0 (176.0)	176.5	101.3 (98.4)	99.9	101.3 (97.6)	99.5
2	182.6 (180.6)	181.7	183.6 (182.3)	183.0	99.4 (95.6)	97.6	101.0 (97.3)	99.2
3	175.6 (176.0)	175.8	177.0 (176.6)	176.8	102.0 (97.9)	100.0	102.6 (100.0)	101.3
4	176.6 (175.0)	175.8	177.3 (175.0)	176.2	98.0 (95.0)	96.5	103.3 (98.0)	100.7
5	185.0 (184.0)	184.5	185.0 (184.0)	184.5	101.3 (99.6)	100.5	103.3 (98.3)	100.8
6	183.0 (182.3)	182.7	183.0 (183.0)	183.0	108.0 (107.6)	107.8	105.6 (96.3)	101.0
7	183.3 (184.0)	183.7	184.0 (182.6)	183.3	85.0 (84.7)	84.9	100.0 (97.3)	98.7
8	182.0 (182.3)	182.2	183.6 (183.0)	183.3	100.0 (98.2)	99.1	100.6 (98.0)	99.3
9	186.0 (186.0)	186.0	187.0 (187.0)	187.0	105.0 (105.6)	105.3	104.3 (101.6)	103.0
10	187.6 (187.0)	187.3	189.0 (188.6)	188.8	99.4 (97.0)	98.2	99.0 (96.2)	97.6
11	188.0 (187.6)	187.8	186.3 (186.3)	186.3	100.7 (99.3)	100.0	101.0 (98.8)	99.9
12	180.3 (180.3)	180.3	180.0 (180.3)	180.2	107.6 (106.8)	107.3	98.6 (100.3)	99.5
13	175.0 (174.6)	174.8	176.6 (175.0)	175.8	102.5 (98.6)	100.6	102.3 (99.8)	101.1
14	180.3 (179.6)	180.0	182.0 (180.0)	181.0	97.3 (98.0)	97.7	99.3 (97.9)	98.6
15	177.6 (177.0)	177.3	177.6 (176.6)	177.2	98.8 (97.8)	98.3	99.7 (100.5)	100.2
16	180.0 (181.3)	180.7	183.0 (182.3)	182.7	101.6 (98.4)	100.0	102.4 (101.3)	101.9
17	178.3 (177.3)	177.8	178.0 (178.0)	178.0	100.2 (95.4)	97.8	99.8 (100.9)	100.4
18	182.0 (182.3)	182.2	182.3 (181.6)	182.0	96.5 (94.9)	95.7	100.1 (99.4)	99.8
19 (Cross Boolani)	184.3 (184.0)	184.2	183.0 (183.0)	183.0	78.7 (62.6)	70.7	58.5 (55.5)	57.0
20	187.0 (187.3)	187.2	187.0 (186.3)	186.7	103.6 (97.9)	100.8	101.5 (98.7)	100.1
21	184.0 (184.3)	184.2	185.0 (184.3)	184.7	97.5 (94.6)	96.1	96.7 (97.2)	97.0
22	186.6 (185.3)	186.0	186.3 (185.6)	186.0	97.7 (97.6)	97.7	98.0 (96.3)	97.2
23	178.0 (177.6)	177.8	177.6 (176.3)	177.0	101.8 (99.0)	100.4	100.9 (98.4)	99.7
24	175.3 (176.6)	176.0	178.0 (177.0)	177.5	98.6 (96.0)	97.4	98.5 (100.3)	99.4
25	183.0 (184.0)	183.5	185.6 (185.3)	185.5	94.0 (93.4)	93.8	100.2 (98.4)	99.3
26	186.0 (185.0)	185.5	187.3 (187.0)	187.2	95.4 (92.3)	93.9	98.4 (95.7)	97.1
27	182.0 (181.0)	181.5	183.3 (182.6)	183.0	100.0 (96.8)	98.5	100.3 (98.8)	99.6

Genotype number	Day to heading				Plant height			
	2010/11		2011/12		2010/11		2011/12	
	Fully irrigated (Drought stress)	Mean	Fully irrigated (Drought stress)	Mean	Fully irrigated (Drought stress)	Mean	Fully irrigated (Drought stress)	Mean
28	178.0 (177.3)	177.7	177.6 (177.0)	177.3	82.9 (81.8)	82.4	94.2 (94.0)	94.1
29	174.6 (176.6)	175.7	180.6 (180.3)	180.5	102.5 (97.1)	99.8	96.6 (94.3)	95.5
30	183.6 (182.0)	182.8	186.0 (185.6)	185.8	93.6 (91.8)	92.7	93.2 (94.8)	94.1
31	178.3 (177.3)	177.8	177.6 (176.0)	176.8	97.2 (94.8)	96.1	101.7 (98.7)	100.3
32 (Shiraz)	176.3 (175.3)	175.8	178.3 (177.3)	177.8	55.6 (52.1)	53.9	54.3 (44.0)	49.2
33	184.7 (185.0)	184.8	186.6 (185.0)	185.8	99.4 (94.8)	97.1	99.8 (95.7)	97.8
34	177.3 (177.3)	177.3	178.0 (176.3)	177.2	88.9 (87.1)	88.1	100.2 (96.9)	98.6
35	182.3 (181.6)	182.0	184.0 (181.3)	182.7	98.4 (94.6)	96.5	98.5 (96.5)	97.6
Mean	181.7 (178.0)	181.2	182.1 (179.3)	181.6	98.4 (96.0)	97.2	99.2 (97.0)	98.1
LSD	3.0		2.9		7.1		7.2	

Differences higher than LSD values are significant at 0.05

Table 2. Grain number per spike and spikelet per spike in 35 wheat genotypes under fully irrigated and drought stress (in parenthesis) conditions in 2010/11 and 2011/12 growing seasons

Genotype number	Grain number				Spikelet per spike			
	2010/11		2011/12		2010/11		2011/12	
	Fully irrigated (Drought stress)	Mean	Fully irrigated (Drought stress)	Mean	Fully irrigated (Drought stress)	Mean	Fully irrigated (Drought stress)	Mean
1	29.0 (19.6)	24.3	27.3 (26.6)	27.0	14.0 (11.3)	12.7	15.0 (13.6)	14.3
2	33.3 (23.0)	28.2	31.0 (26.0)	28.5	15.3 (12.3)	13.8	16.6 (15.3)	16.0
3	28.6 (23.3)	26.0	29.3 (25.6)	27.5	14.0 (12.0)	13.0	15.7 (14.6)	15.2
4	25.6 (19.0)	22.3	26.0 (22.3)	24.2	13.6 (10.6)	12.2	15.3 (13.0)	14.2
5	30.6 (20.3)	25.5	32.0 (25.6)	28.8	14.3 (11.0)	12.7	16.6 (15.0)	15.8
6	31.0 (26.0)	28.5	27.3 (26.6)	27.0	14.0 (13.6)	13.8	16.3 (15.0)	15.7
7	28.3 (24.3)	26.3	27.0 (24.0)	25.5	14.3 (12.6)	13.5	15.7 (15.0)	15.3
8	30.0 (25.3)	27.7	27.0 (24.6)	25.8	14.0 (12.6)	13.3	16.3 (14.0)	15.2
9	30.3 (28.3)	29.3	30.3 (28.3)	29.3	14.3 (13.6)	14.0	16.0 (15.0)	15.5
10	29.3 (21.6)	25.5	29.3 (26.3)	27.8	13.0 (11.0)	12.0	15.0 (14.6)	14.8
11	33.0 (29.3)	31.2	29.0 (28.3)	28.7	15.0 (13.3)	14.2	16.6 (15.0)	15.8
12	32.6 (27.0)	29.8	31.3 (29.0)	30.2	15.3 (13.6)	14.5	16.3 (15.0)	15.7

Genotype number	Grain number				Spikelet per spike			
	2010/11		2011/12		2010/11		2011/12	
	Fully irrigated (Drought stress)	Mean	Fully irrigated (Drought stress)	Mean	Fully irrigated (Drought stress)	Mean	Fully irrigated (Drought stress)	Mean
13	34.3 (32.6)	33.5	31.0 (29.3)	30.2	15.3 (14.6)	15.0	17.0 (16.3)	16.7
14	29.6 (25.6)	27.7	29.0 (27.3)	28.2	14.6 (14.0)	14.3	17.0 (15.7)	16.3
15	31.3 (28.6)	30.0	30.3 (29.0)	29.7	13.6 (12.6)	13.2	16.3 (14.7)	15.5
16	34.0 (29.6)	31.8	32.0 (28.6)	30.3	14.6 (14.0)	14.3	16.3 (15.3)	15.8
17	29.3 (26.6)	28.0	30.0 (25.3)	27.7	14.0 (13.3)	13.7	15.7 (14.0)	14.8
18	33.6 (28.6)	31.2	30.6 (27.6)	29.2	14.6 (13.6)	14.2	16.3 (16.0)	16.2
19 (Cross Boolani)	28.0 (27.6)	27.8	27.3 (26.3)	26.8	13.6 (13.3)	13.5	14.7 (14.3)	14.5
20	32.0 (23.3)	27.7	30.6 (26.6)	28.7	14.0 (13.6)	13.8	16.0 (15.0)	15.5
21	32.3 (29.0)	30.7	28.3 (25.6)	27.0	13.6 (12.6)	13.2	14.6 (14.0)	14.3
22	33.3 (29.0)	31.2	32.3 (28.6)	30.5	15.3 (14.6)	15.0	16.0 (15.6)	15.8
23	33.0 (27.6)	30.3	33.6 (27.3)	30.5	14.3 (13.0)	13.7	17.6 (14.6)	16.2
24	33.6 (29.6)	31.7	32.6 (28.0)	30.3	14.6 (13.6)	14.2	16.6 (15.3)	16.0
25	30.6 (27.3)	29.0	30.3 (28.6)	29.5	14.6 (13.3)	14.0	17.0 (14.0)	15.5
26	32.0 (27.6)	29.8	31.0 (28.7)	29.8	14.0 (13.0)	13.5	17.0 (14.6)	15.8
27	35.0 (28.6)	31.8	33.0 (30.3)	31.7	16.3 (13.7)	15.0	17.0 (15.3)	16.2
28	29.6 (27.3)	28.5	27.3 (25.3)	26.3	13.3 (13.0)	13.2	15.0 (14.0)	14.5
29	31.33 (26.0)	29.5	29.0 (26.7)	27.8	13.6 (11.7)	12.7	15.0 (14.0)	14.5
30	31.33 (23.0)	28.3	28.6 (27.3)	28.0	12.7 (12.7)	12.7	13.0 (13.0)	13.0
31	35.00 (36.0)	33.8	33.3 (30.6)	32.0	15.0 (13.7)	14.3	17.0 (15.3)	16.2
32 (Shiraz)	31.3 (24.3)	27.8	29.3 (27.6)	28.5	14.0 (13.0)	13.5	15.6 (14.3)	15.0
33	31.3 (27.3)	29.3	29.6 (28.0)	28.8	14.3 (13.7)	14.0	16.0 (15.0)	15.5
34	32.3 (28.0)	30.2	29.6 (25.3)	27.5	14.3 (13.3)	13.8	16.0 (15.0)	15.5
35	33.6 (31.6)	32.7	31.3 (30.0)	30.7	15.3 (14.3)	14.8	17.0 (15.3)	16.2
Mean	31.4 (26.6)	29.1	30.9 (27.2)	29.1	14.3 (13.0)	13.7	15.0 (13.7)	14.3
LSD	3.3		3.1		1.6		1.8	

Differences higher than LSD values are significant at 0.05

Table 3. Biological yield (g m⁻²) and thousand grain weight (g) in 35 wheat genotypes under fully irrigated (FI) and drought (DS) stress (in parenthesis) conditions in 2010/11 and 2011/12 growing seasons

Genotype number	Biological yield				Thousand- grain weight			
	2010/11		2011/12		2010/11		2011/12	
	FI(DS)	Mean	FI(DS)	Mean	FI(DS)	Mean	FI(DS)	Mean
1	14.9 (12.0)	13.4	12.9 (10.6)	11.7	30.3 (16.6)	23.5	30.1 (26.9)	28.6
2	14.4 (13.0)	13.7	14.5 (10.9)	12.7	39.1 (20.0)	29.6	37.2 (24.7)	31.0
3	13.4 (13.2)	13.3	14.7 (12.0)	13.4	30.6 (18.5)	24.6	28.9 (22.9)	25.9
4	12.7 (12.5)	12.6	13.1 (11.3)	12.2	25.6 (14.3)	20.0	27.6 (22.4)	25.0
5	15.1 (13.2)	14.1	13.0 (11.5)	12.2	30.7 (18.9)	24.8	34.5 (23.2)	28.9
6	13.9 (11.4)	12.6	9.9 (9.0)	9.4	33.9 (24.1)	29.1	31.4 (25.0)	28.2
7	10.4 (11.8)	11.2	9.5 (8.9)	9.2	23.2 (17.7)	20.5	29.7 (23.4)	26.6
8	11.8 (12.1)	11.9	11.1 (10.3)	10.7	31.7 (20.8)	26.3	31.6 (20.8)	26.3
9	14.5 (13.7)	14.1	13.4 (11.5)	12.45	31.4 (23.0)	27.2	30.0 (25.9)	28.0
10	10.4 (12.4)	11.4	11.4 (10.7)	11.1	22.5 (14.7)	18.7	29.3 (22.9)	26.2
11	12.1 (11.6)	11.8	10.7 (9.6)	10.2	36.4 (23.5)	30.0	31.0 (27.3)	29.2
12	12.6 (11.6)	12.1	14.5 (13.6)	14.1	37.8 (23.5)	30.7	32.6 (28.1)	30.4
13	16.3 (16.1)	16.2	14.9 (12.9)	13.9	41.2 (35.0)	38.2	34.0 (32.1)	33.1
14	14.2 (14.6)	14.4	14.2 (13.1)	13.6	35.9 (28.4)	32.2	30.0 (27.0)	28.6
15	13.3 (14.4)	13.8	15.3 (14.6)	15.0	28.4 (21.8)	25.2	32.3 (27.5)	30.0
16	14.4 (15.1)	14.7	15.1 (13.9)	14.5	43.2 (32.5)	37.9	31.1 (30.9)	31.1
17	15.2 (15.9)	15.5	15.4 (13.8)	14.6	23.5 (19.4)	21.5	30.3 (26.9)	28.7
18	13.8 (14.9)	14.3	17.6 (13.5)	15.6	38.8 (26.9)	32.9	33.6 (29.1)	31.4
19 (Cross Boolani)	14.9 (13.6)	14.2	11.7 (10.6)	11.1	32.2 (19.1)	25.7	37.4 (35.2)	36.3
20	13.5 (14.4)	13.9	16.7 (14.3)	15.5	34.2 (22.6)	28.5	31.6 (27.4)	29.6
21	13.3 (13.7)	13.5	15.9 (13.3)	14.6	32.8 (24.4)	28.7	31.6 (27.9)	29.8
22	16.9 (17.0)	16.9	16.9 (14.6)	15.8	40.6 (34.5)	37.6	31.6 (30.9)	31.3
23	12.5 (12.9)	12.7	17.1 (15.3)	16.2	38.8 (21.9)	30.4	34.0 (21.2)	27.7
24	15.2 (15.8)	15.5	15.4 (13.9)	14.6	41.7 (34.0)	37.9	33.9 (21.4)	27.7
25	12.8 (13.5)	13.1	12.5 (10.4)	11.4	34.9 (24.4)	29.7	31.0 (27.8)	29.4
26	14.0 (13.0)	13.5	14.7 (10.5)	12.6	31.4 (23.9)	27.7	31.3 (28.4)	29.9
27	11.4 (12.1)	11.7	10.7 (9.5)	10.1	45.6 (29.2)	37.5	34.3 (32.5)	33.4
28	16.1 (14.1)	15.1	16.9 (13.7)	15.3	25.9 (20.9)	23.5	23.0 (21.4)	22.3
29	12.2 (13.7)	12.9	12.6 (10.1)	11.3	27.0 (15.1)	21.1	24.8 (20.4)	22.7
30	13.0 (12.0)	12.5	12.7 (10.3)	11.5	22.5 (15.1)	18.8	25.8 (20.4)	23.2

Genotype number	Biological yield				Thousand- grain weight			
	2010/11		2011/12		2010/11		2011/12	
	FI(DS)	Mean	FI(DS)	Mean	FI(DS)	Mean	FI(DS)	Mean
31	16.7 (15.3)	16.0	15.8 (14.7)	15.3	41.8 (30.8)	36.4	33.0 (32.1)	32.6
32(Shiraz)	11.0 (12.3)	11.6	12.7 (10.9)	11.8	21.8 (17.8)	19.8	34.0 (33.3)	33.7
33	12.0 (12.5)	12.2	16.5 (13.6)	15.0	33.8 (23.5)	28.7	31.1 (29.2)	30.2
34	13.4 (14.7)	14.0	14.0 (12.4)	13.2	30.8 (23.2)	29.0	32.0 (29.6)	30.9
35	14.9 (12.0)	13.4	12.9 (10.6)	11.7	31.3 (33.2)	36.4	32.0 (30.5)	31.3
Mean	13.6 (13.6)	13.6	13.4 (13.1)	13.2	32.3 (24.3)	28.3	31.8 (26.2)	29.0
LSD	1.9		1.7		5.3		8.6	

Differences higher than LSD values are significant at 0.05

Table 4. Grain yield (ton ha⁻¹) and harvest index (%) in 35 wheat genotypes under fully irrigated (FI) and drought (DS) stress (in parenthesis) condition in 2010/11 and 2011/12 growing seasons

Genotype number	Grain yield						Harvest index			
	2010/11			2011/12			2010/11		2011/12	
	FI(DS)	Reduction (%)	Mean	FI(DS)	Reduction (%)	Mean	FI(DS)	Mean	FI(DS)	Mean
1	6.7 (5.0)	-0.25	5.8	5.8 (5.4)	-0.08	4.7	45.1 (42.0)	43.6	41.7 (38.9)	40.4
2	7.3 (5.0)	-0.31	6.2	6.6 (6.2)	-0.06	5.5	50.7 (38.6)	44.7	45.4 (41.4)	43.5
3	6.7 (5.1)	-0.23	5.9	5.9 (4.3)	-0.27	3.7	49.2 (38.7)	44.0	29.3 (25.4)	27.4
4	6.4 (4.4)	-0.31	5.4	5.4 (4.6)	-0.16	4.3	50.9 (35.8)	43.4	34.8 (36.1)	35.5
5	6.4 (4.4)	-0.30	5.4	5.5 (5.4)	-0.03	4.7	42.3 (33.6)	38.0	42.7 (34.4)	38.6
6	7.0 (5.1)	-0.26	6.0	6.0 (5.5)	-0.09	4.4	49.6 (44.7)	47.2	55.6 (37.6)	46.7
7	5.2 (3.5)	-0.32	4.3	4.3 (4.1)	-0.05	3.9	50.1 (29.6)	39.9	43.3 (42.7)	43.1
8	6.7 (5.0)	-0.26	5.9	5.9 (5.3)	-0.10	4.0	57.4 (41.4)	49.5	47.6 (26.1)	36.9
9	6.6 (5.9)	-0.10	6.2	6.2 (4.8)	-0.23	3.9	45.9 (43.4)	44.7	35.8 (27.2)	31.6
10	4.7 (3.6)	-0.23	4.1	4.1 (3.8)	-0.07	3.2	44.9 (28.9)	37.0	33.6 (24.8)	29.3
11	6.9 (4.7)	-0.32	5.8	5.8 (4.6)	-0.21	4.1	52.2 (41.3)	46.8	43.3 (37.2)	40.3
12	7.2 (4.8)	-0.34	6.0	6.0 (5.8)	-0.03	4.9	54.7 (41.2)	48.0	40.0 (29.9)	35.0
13	8.6 (7.2)	-0.16	7.9	7.9 (7.2)	-0.09	6.1	52.9 (45.2)	49.1	48.5 (38.2)	43.4
14	7.8 (6.3)	-0.19	7.0	7.0 (5.0)	-0.29	4.8	55.1 (43.4)	49.3	35.4 (34.8)	35.1
15	5.8 (4.6)	-0.19	5.2	6.1 (5.2)	-0.14	5.3	43.6 (32.8)	38.3	39.8 (31.5)	35.7
16	8.1 (7.1)	-0.12	7.6	7.6 (6.9)	-0.09	6.1	52.2 (47.2)	49.8	45.8 (38.8)	42.3
17	5.1 (4.9)	-0.04	5.0	5.0 (4.1)	-0.19	3.7	34.0 (31.0)	32.6	26.5 (24.0)	25.3
18	7.3 (5.7)	-0.22	6.5	6.5 (6.3)	-0.02	5.2	47.1 (38.4)	42.8	36.1 (30.9)	33.5
19(Cross Boolani)	8.3 (5.3)	-0.35	7.1	7.1 (5.6)	-0.20	4.7	43.6 (43.1)	43.4	51.0 (39.9)	45.5

Genotype number	Grain yield						Harvest index			
	2010/11			2011/12			2010/11		2011/12	
	FI(DS)	Reduction (%)	Mean	FI(DS)	Reduction (%)	Mean	FI(DS)	Mean	FI(DS)	Mean
20	6.8 (6.2)	-0.09	6.5	6.5 (5.7)	-0.13	4.9	45.0 (43.0)	44.0	34.0 (28.7)	31.4
21	6.4 (5.3)	-0.16	5.9	5.9 (5.1)	-0.13	4.7	46.6 (39.3)	43.0	32.1 (33.0)	32.6
22	7.9 (7.1)	-0.09	7.5	7.5 (6.4)	-0.15	5.7	47.3 (41.9)	44.6	37.8 (34.9)	36.4
23	7.3 (5.1)	-0.30	6.2	7.5 (6.2)	-0.17	6.7	53.4 (40.0)	46.7	44.1 (38.0)	41.1
24	8.1 (7.4)	-0.08	7.8	7.8 (7.0)	-0.10	6.2	51.3 (47.3)	49.4	45.7 (38.3)	42.0
25	7.2 (4.8)	-0.33	6.0	6.6 (6.0)	-0.09	5.2	49.5 (35.1)	42.4	53.0 (36.0)	44.5
26	6.2 (5.3)	-0.15	5.8	6.5 (5.8)	-0.11	5.5	44.7 (41.2)	43.0	44.1 (42.4)	43.3
27	9.1 (5.4)	-0.41	7.2	7.2 (6.1)	-0.16	5.3	48.0 (44.5)	46.3	56.5 (46.9)	51.8
28	5.5 (4.8)	-0.14	5.1	6.1 (5.1)	-0.15	5.2	34.5 (33.9)	34.3	36.2 (31.3)	33.8
29	5.5 (3.5)	-0.36	4.5	5.7 (4.5)	-0.21	4.4	45.8 (26.1)	36.0	45.7 (30.1)	38.0
30	4.6 (3.8)	-0.16	4.2	4.2 (3.0)	-0.27	2.7	35.6 (31.5)	33.6	23.9 (23.3)	23.7
31	8.4 (7.9)	-0.06	8.1	8.1 (7.0)	-0.14	6.2	50.8 (51.7)	51.3	44.4 (37.2)	40.8
32(Shiraz)	5.9 (4.7)	-0.19	5.3	5.3 (4.7)	-0.10	3.6	52.8 (30.9)	41.9	36.9 (33.0)	35.0
33	6.8 (5.1)	-0.25	6.0	6.0 (6.0)	0.00	5.3	53.8 (40.7)	47.3	36.4 (33.5)	35.0
34	6.8 (5.2)	-0.23	6.0	6.0 (6.0)	0.00	5.0	51.0 (35.2)	43.2	42.8 (33.3)	38.1
35	7.4 (6.3)	-0.04	6.9	6.9 (6.3)	-0.08	6.3	50.8 (42.5)	46.7	46.5 (39.5)	43.0
Mean	6.7 (5.3)		6.0	6.3 (4.9)		5.6	48.1 (39.0)	43.5	40.9 (34.3)	37.6
LSD	1.8			1.4			11.6		7.8	

Differences higher than LSD values are significant at 0.05.

Table 5. Means and correlations of statistical indices in 35 wheat genotypes under fully irrigated and drought stress conditions in the 2010/11 and 2011/12 (in parenthesis) growing season

Genotype number	YP (ton ha ⁻¹)	YS (ton ha ⁻¹)	MP	TOL	GMP	SSI	STI	HMP
1	6.7 (5.4)	5.0 (4.1)	5.8 (4.7)	1.6 (1.2)	5.8 (4.7)	1.16 (1.05)	0.73 (0.69)	5.7 (4.6)
2	7.3 (6.6)	5.0 (4.5)	6.2 (5.5)	2.2 (2.0)	6.0 (5.4)	1.44 (0.94)	0.8 (0.92)	5.9 (5.3)
3	6.7 (4.3)	5.1 (3.0)	5.9 (3.7)	1.5 (1.2)	5.8 (3.6)	1.08 (0.97)	0.74 (0.41)	5.8 (3.5)
4	6.4 (4.6)	4.4 (4.1)	5.4 (4.3)	2.0 (0.5)	5.3 (4.3)	1.43 (1.23)	0.62 (0.58)	5.2 (4.3)
5	6.4 (5.5)	4.4 (3.9)	5.4 (4.7)	1.9 (1.6)	5.3 (4.7)	1.41 (0.98)	0.62 (0.68)	5.2 (4.6)
6	7.0 (5.5)	5.1 (3.4)	6.0 (4.4)	1.8 (2.1)	6.0 (4.3)	1.22 (0.84)	0.78 (0.58)	5.9 (4.2)
7	5.2 (4.1)	3.5 (3.8)	4.3 (3.9)	1.7 (1.3)	4.2 (3.9)	1.5 (1.27)	0.4 (0.49)	4.2 (3.9)
8	6.7 (5.3)	5.0 (2.7)	5.9 (4.0)	1.7 (2.6)	5.8 (3.7)	1.2 (0.7)	0.73 (0.44)	5.7 (3.5)
9	6.6 (4.8)	5.9 (3.1)	6.2 (3.9)	1.6 (1.7)	6.2 (3.8)	0.45 (0.89)	0.85 (0.47)	6.2 (3.8)
10	4.7 (3.8)	3.6 (2.6)	4.1 (3.2)	1.1 (1.2)	4.1 (3.2)	1.08 (0.95)	0.37 (0.32)	4.0 (3.1)
11	6.9 (4.6)	4.7 (3.6)	5.8 (4.1)	2.2 (1.0)	5.7 (4.1)	1.47 (1.06)	0.72 (0.52)	5.6 (4.0)

Genotype number	YP (ton ha ⁻¹)	YS (ton ha ⁻¹)	MP	TOL	GMP	SSI	STI	HMP
12	7.4 (5.8)	4.8 (4.1)	6.0 (4.9)	2.4 (1.7)	5.8 (4.8)	1.56 (0.97)	0.75 (0.74)	5.7 (4.8)
13	8.6 (7.2)	7.2 (4.9)	7.9 (6.1)	1.4 (2.2)	7.9 (5.9)	0.74 (0.94)	1.36 (1.11)	7.8 (5.8)
14	7.8 (5.0)	6.3 (4.5)	7.0 (4.8)	1.4 (4.7)	7.0 (4.7)	0.58 (0.85)	1.07 (0.71)	7.0 (4.7)
15	5.8 (6.1)	4.6 (4.6)	5.2 (5.3)	1.1 (1.4)	5.2 (5.3)	0.9 (1.04)	0.59 (0.87)	5.1 (5.2)
16	8.1 (6.9)	7.1 (5.4)	7.6 (6.1)	1.0 (1.5)	7.6 (6.1)	0.57 (1.07)	1.26 (1.15)	7.6 (6.0)
17	5.1 (4.1)	4.9 (3.3)	5.0 (3.7)	0.3 (0.7)	5.0 (3.7)	0.2 (1.12)	0.55 (0.42)	5.0 (3.6)
18	7.3 (6.3)	5.7 (4.2)	6.5 (5.2)	1.6 (2.1)	6.4 (5.1)	1.02 (0.91)	0.9 (0.82)	6.4 (5.0)
19(Cross Boolani)	6.4 (6.0)	5.8 (4.2)	6.1 (5.1)	0.6 (1.7)	6.1 (5.0)	0.42 (0.97)	0.82 (0.78)	6.1 (4.9)
20	6.8 (5.7)	6.2 (4.1)	6.5 (4.9)	0.6 (1.5)	6.5 (4.8)	0.42 (1)	0.92 (0.73)	6.5 (4.7)
21	6.4 (5.1)	5.3 (4.4)	5.9 (4.7)	1.0 (0.7)	5.8 (4.7)	0.75 (1.18)	0.75 (0.7)	5.8 (4.7)
22	7.9 (6.4)	7.1 (5.1)	7.5 (5.7)	0.7 (1.3)	7.5 (5.7)	0.43 (0.93)	1.22 (1.02)	7.5 (5.7)
23	7.3 (7.5)	5.1 (5.8)	6.2 (6.7)	2.2 (1.7)	6.1 (6.6)	1.38 (1.06)	0.83 (1.36)	6.1 (6.5)
24	8.1 (7.0)	7.4 (5.3)	7.8 (6.2)	0.7 (1.7)	7.8 (6.1)	0.39 (1.04)	1.32 (1.16)	7.8 (6.0)
25	7.2 (6.6)	4.8 (3.7)	6.0 (5.2)	2.4 (2.8)	5.8 (5.0)	1.54 (0.78)	0.75 (0.77)	5.7 (4.8)
26	6.2 (6.5)	5.3 (4.4)	5.8 (5.5)	0.9 (2.0)	5.8 (5.4)	0.69 (0.94)	0.73 (0.9)	5.7 (5.3)
27	9.1 (6.1)	5.4 (4.5)	7.2 (5.3)	3.7 (1.6)	7.0 (5.2)	1.9 (1.01)	1.07 (0.85)	6.8 (5.1)
28	5.5 (6.1)	4.8 (4.3)	5.1 (5.2)	0.7 (1.8)	5.1 (5.1)	0.64 (0.96)	0.58 (0.81)	5.1 (5.0)
29	5.5 (5.7)	3.5 (3.0)	4.5 (4.4)	2.0 (2.7)	4.4 (4.2)	1.68 (0.73)	0.42 (0.54)	4.3 (4.0)
30	4.6 (3.0)	3.8 (2.4)	4.2 (2.7)	0.7 (0.6)	4.2 (2.7)	0.74 (1.08)	0.38 (0.23)	4.2 (2.6)
31	8.4 (7.0)	7.9 (5.5)	8.1 (6.2)	0.5 (1.5)	8.1 (6.2)	0.29 (1.07)	1.45 (1.19)	8.1 (6.1)
32(Shiraz)	5.8 (4.3)	3.8 (3.9)	4.8 (4.1)	1.9 (1.4)	4.7 (4.1)	1.59 (1.25)	0.48 (0.53)	4.6 (4.1)
33	6.8 (6.0)	5.1 (4.5)	6.0 (5.3)	1.7 (1.4)	5.9 (5.2)	1.17 (1.04)	0.76 (0.85)	5.8 (5.2)
34	6.8 (6.0)	5.2 (4.1)	6.0 (5.0)	1.5 (1.8)	5.9 (4.9)	1.05 (0.95)	0.77 (0.76)	5.9 (4.8)
35	7.4 (7.4)	6.3 (5.3)	6.9 (6.3)	1.1 (2.1)	6.8 (6.3)	0.7 (0.99)	1.02 (1.22)	6.8 (6.2)
Correlations								
	YP	YS	MP	TOL	GMP	SSI	STI	HMP
YP	1	0.78* (0.80**)	0.92** (0.96**)	0.58* (0.64**)	0.93** (0.94**)	-0.03 (-0.29)	0.90** (0.93**)	0.90** (0.92**)
YS		1	0.94** (0.93**)	-0.38** (-0.27)	0.96** (0.95**)	-0.64** (-0.12)	0.96** (0.95**)	0.97** (0.96**)

Yp: yield under non-stress condition, Ys: grain yield under stress condition, TOL: tolerance index, MP: mean productivity, SSI: stress susceptibility index, GMP: geometric mean productivity, STI: stress tolerance index, HM: harmonic mean