

Supplementary Table S1: Partial agronomic measurement of 50 ‘Doongara’ x ‘Reiziq’ F2 samples

Sample ID	Total Biomass (g)	Grain Yield (g)
T1-R5-C9	14.60	5.02
T1-R6-C8	15.18	4.21
T1-R7-C4	15.60	4.7
T1-R7-C6	15.65	5.07
T1-R7-C7	16.72	4.51
T1-R7-C8	10.69	6.21
T1-R7-C9	6.23	2.77
T1-R8-C7	21.73	5.39
T1-R9-C3	17.06	2.52
T1-R9-C4	16.76	4.16
T1-R9-C6	15.99	3.3
T1-R9-C9	15.51	1.86
T2-R10-C7	16.49	7.84
T2-R11-C9	29.94	4.78
T2-R16-C9	9.40	5.57
T2-R17-C2	21.93	6.9
T2-R17-C4	11.79	1.99
T2-R18-C6	17.24	6.69
T3-R1-C3	17.39	5.08
T3-R1-C5	17.97	5.73
T3-R2-C7	35.48	21.26
T3-R3-C3	22.68	5.87
T3-R4-C6	14.23	4.09
T3-R5-C2	17.96	3.3
T3-R5-C3	22.04	5.26
T3-R7-C1	19.26	7.86
T3-R7-C9	33.83	10.37
T3-R8-C1	27.62	11.98
T4-R10-C1	26.00	7.47
T4-R10-C2	21.54	4.84
T4-R10-C3	21.14	8.41
T4-R10-C5	29.48	7.98
T4-R10-C7	26.02	7.16
T4-R11-C4	20.40	7.34
T4-R11-C6	20.47	6.64
T4-R11-C7	28.09	7.76
T4-R11-C8	24.64	6.51
T4-R12-C7	50.21	7.9
T4-R13-C7	26.86	5.28

T4-R13-C9	21.00	4.08
T4-R14-C3	20.53	8.37
T4-R14-C4	29.83	8.64
T4-R14-C9	18.38	5.4
T4-R15-C5	21.83	8.09
T4-R15-C6	25.35	8.85
T4-R16-C5	28.73	5.4
T4-R17-C9	26.78	16.95
T4-R18-C5	40.38	12.1
T4-R18-C6	21.81	7.75
T4-R18-C9	23.89	7.53