

Supplemental Table 1. Means and ranges for total P, phytic acid P, and inorganic P in seed and seedling; 100-seed weight, days to 50% flowering and days to 50% maturity in the parents and F_{2:3} population of the cross V1725BG × AusTRCF321925

Trait	Mean±SD			Population range (% of population mean)
	V1725BG	AusTRCF321925	F _{2:3} Population	
Seed phytic acid P (mg g ⁻¹)	3.64±0.08	2.47±0.28	3.11±0.28	2.33 - 3.99 (75 - 128)
Seed inorganic P (mg g ⁻¹)	0.37±0.05	0.63±0.07	0.45±0.07	0.32 - 0.76 (71 - 169)
Seed total P (mg g ⁻¹)	5.99±0.09	4.49±0.46	5.10±0.47	3.72 - 6.53 (73 - 128)
Seedling phytic acid P (mg g ⁻¹)	2.95±0.01	2.12±0.00	2.53±0.33	1.48 - 3.44 (58 - 136)
Seedling inorganic P (mg g ⁻¹)	1.26±0.15	2.85±0.00	1.72±0.56	0.71 - 2.99 (41 - 174)
Seedling total P (mg g ⁻¹)	7.81±0.06	4.51±0.00	6.05±1.00	4.00 - 11.11 (66 - 184)
100-seed weight (g)	4.92±0.09	1.14±0.17	2.72±0.56	1.61 - 5.40 (59 - 198)
50% flowering (days)	34.0±0.00	44.0±0.00	35.38±4.58	28.0 - 57.0 (79 - 161)
50% maturity (days)	46.0±0.00	66.0±0.00	50.90±4.89	45.0 - 69.0 (88 - 135)