

Supplementary Table 1. The relative plant yield efficiency, $PYE = \bar{x}_i / \bar{x}_.$, based on the hybrid average over sites mean yield per plant (\bar{x}_i) and the over hybrids and sites mean yield per plant ($\bar{x}_.$); the plant yield homeostasis index, $PYH = 1/pCV_i$, based on the coefficient of variation for plant-to-plant variability (pCV_i); and the plant yield efficiency by homeostasis index ($PYEH$), $PYEH = PYE * PYH$. Data obtained at the BD over five sites and two irrigation regimes

Hybrid	\bar{x}_i	PYE	pCV_i	PYH	$PYEH$
H-1	710	1.00	0.29	3.61	3.61
H-2	585	0.83	0.35	2.82	2.33
H-3	647	0.91	0.34	2.98	2.72
H-4	663	0.93	0.31	3.19	2.98
H-5	581	0.82	0.25	4.04	3.30
H-6	767	1.08	0.32	3.22	3.48
H-7	1014	1.43	0.34	2.90	4.14