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Role of heterosis for photosynthetic traits and sink organs in seed yield enhancement in safflower

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Supplementary material

Table S1. ANOVA, S.E.D. and CD of yield contributing traits.

Supplementary Table 1 ANOVA, S.E.D and CD of yield contributing traits

	df	Seed yield (kg/plot)	Seed yield (g/plant)	100-seed weight (g)	Number of seeds/capitulum	Number of capitula/plant
Block (ignoring Treatments)	4	321.569*	3477.035**	7990.193***	2508.478**	3785.700***
Treatment (eliminating Blocks)	6	-19.87	-216.222	-496.635**	-153.472	-235.372**
Checks	1	0.0	16.770	25.281	90.000	19.600
Checks + Var. vs. Var.	35	-20.438	-222.879	-511.547**	-160.429	-242.657**
Error	4	22.165	101.579	19.308	81.750	8.350
Block (eliminating Check + Var.)	4	16.421	45.104	147.559*	58.150	49.650
Entries (ignoring Blocks)	36	14.035	165.103	374.768**	118.786	179.744**
Checks	1	0.0	16.770	25.281	90.000	19.600
Varieties	34	0.0	0.0	0.0	0.00	0.0
Checks vs. Varieties	1	505.272**	5926.947**	13466.384***	4186.311**	6451.200***
Error	4	22.165	101.579	19.308	81.750	8.350
S.E.D						
Ci-Cj		2.97	6.37	2.77	5.71	1.82
Bi-Vi-BiVj		6.65	14.25	6.21	12.78	4.08
BiVi-BjVj		8.15	17.45	7.61	15.66	5.00
Ci-Vi		6.57	14.07	6.13	12.62	4.03
$CD_{0.05}$						
Ci-Cj		8.26	17.69	7.71	15.87	5.02
Bi-Vi-BiVj		18.48	39.57	17.25	35.50	11.34
BiVi-BjVj		22.6	48.46	21.13	43.48	13.89
Ci-Vi		18.25	39.07	17.06	35.05	11.20