

Supplementary Material

Interference of sterile oat (*Avena ludoviciana*) and Mexican pricklepoppy (*Argemone mexicana*) in chickpea

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Table S1. Analysis of variance for different parameters of *Avena ludoviciana*, chickpea yield attributes, and yield

Source of variation	Degree of freedom	Weed biomass g m ⁻²	Weed seed production no. m ⁻²	Weed seed retention %	Pods no. plant ⁻¹	Seeds no. pod ⁻¹	100-seed weight g	Chickpea yield kg ha ⁻¹
Replications	2	618.9	2212647	5.7	19.6	0.002	0.06	512651
Years (Y)	1	123443	8141253	24.5	30.0	0.003	8.8	1083304
Weed interference levels (WIL)	4	597171*	0.1400	2426*	651.3*	0.735*	61.3*	9600146*
Y X WIL	4	20537	1595616	2.03	1.58	0.062	12.2	416776
Error	18	4818	4295281	7.5	7.5	0.008	47.0	261252

*indicates significant at 5% level of significance

Table S2. Analysis of variance for different parameters of *Argemone mexicana*, chickpea yield attributes, and yield

Source of variation	Degree of freedom	Weed biomass g m ⁻²	Weed seed production no. m ⁻²	Weed seed retention %	Pods no. plant ⁻¹	Seeds no. pod ⁻¹	100-seed weight g	Chickpea yield kg ha ⁻¹
Replications	2	100157	0.2333	0.652	11.2	0.02	28.4	154899
Years (Y)	1	42173	0.1001	2.41	50.7	0.00	0.77	108695
Weed interference levels (WIL)	4	143731*	0.1772*	102.3*	156.7*	0.44*	31.4*	2420776*
Y X WIL	4	2899	0.5480	0.408	3.8	0.02	7.9	131705
Error	18	10181	0.1216	0.467	3.9	0.003	8.1	50050

*indicates significant at 5% level of significance