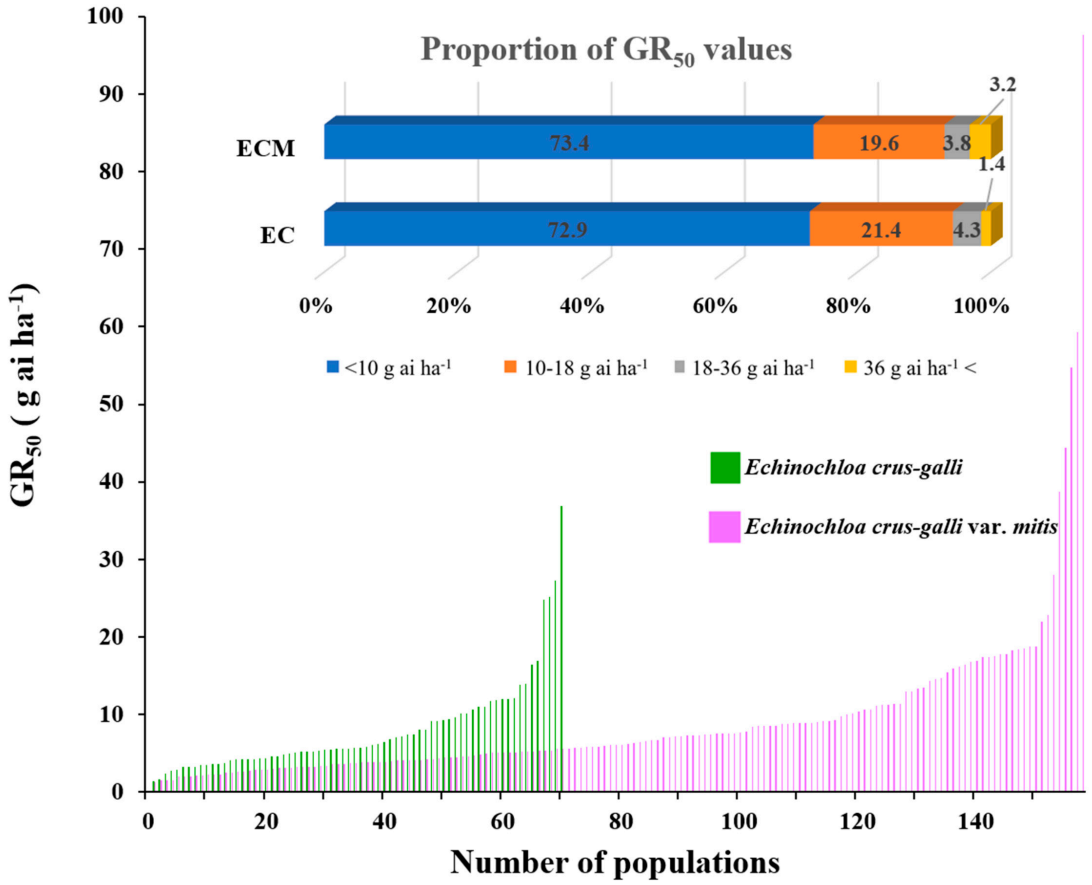


Figure S1 Proportion of florpyrauxifen-benzyl doses that caused a 50% growth reduction (GR_{50}) in *E. crus-galli* and *E. crus-galli* var. *mitis* populations.

Table S1 Results of the independent samples t-test that compare the sensitivity differences between *Echinochloa crus-galli* and *E. crus-galli* var. *mitis*.

F	*t*	*df*	*p*
2.21	-0.843	226	0.141

Table S2 Results of the independent samples t-test that compare the sensitivity differences between *Echinochloa crus-galli* and *E. crus-galli* var. *mitis* in rice fields with different planting methods (direct-seeded / transplanted).

Species	*F*	*t*	*df*	*p*
Echinochloa crus-galli	3.738	-1.066	66	0.062
Echinochloa crus-galli var. *mitis*	0.096	0.681	138	0.763

Table S3 Results of the paired samples t-test that compare the sensitivity differences between *Echinochloa crus-galli* and *E. crus-galli* var. *mitis* co-occurring in the same fields.

	Average	Standard error	*t*	*df*	*p*
Echinochloa crus-galli - *E. crus-galli* var. *mitis*	0.823	1.173	0.702	38	0.487