

Study Name: Safflower tolerance to KIH-485 applied preemergence (0715)

Objectives: Evaluate safflower tolerance to KIH-485 at two rates applied preemergence.

Results:

Very little safflower injury was observed with either rate of KIH-485. Safflower yield and test weight were similar between the KIH-485 treatments and the handweeded check. Safflower growth was likely inhibited by heavy rain in May and June, as well as hail in the early vegetative stages.

Treatment	Rate	Timing	Safflower			
			-----% injury-----		Yield	Test wt.
			Jul 14	Aug 9	lb/A	lb/bu
KIH-485	0.15 lb ai	PRE	2	0	1305	45.6
KIH-485	0.3lb ai	PRE	5	0	1508	46.0
Handweeded ^a	2.6pt	PRE	0	0	1269	45.9
LSD (0.05)			9.5	0	671.4	1.1
CV			188	0	21.8	1.1

^a Prowl H2O at 2.6 pt was applied PRE to aid handweeding.