

Postemergence herbicide combinations in sugarbeets--Sacaton-1980/81

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Four postemergence grass herbicides in combination with Betanal were evaluated for phytotoxicity to sugarbeets in a commercial field near Sacaton, Arizona. Herbicides were applied October 16 when sugarbeets had four to six leaves. All treatments were applied in a 10-inch band in 40 GPA water. Weeds were present at the time of spraying, but were removed by hand a few days later by beet thinning crews. Plots were four beds, 40 feet long and replicated four times.

KK-80, R0-13-8895 and CGA-82725 stunted sugarbeets. In December, damage to sugarbeets in most plots was minimal.

Treatment			Sugarbeet injury	
Herbicide	1b/A	Betanal	Percent estimated	
		1b/A	Nov.	Dec.
KK-80	1.0	1.5	30	10
R0-13-8895	1.0	1.5	21	6
CGA-82725	1.0	1.5	18	6
Bas-9052-OH	1.0	1.5	9	1
None		1.5	13	3
None		0	0	0