

## Kochia Control in Winter Wheat with Affinity BroadSpec and Starane - 2007

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Location: WCREC Dryland Farm, North Platte.

Procedure: Plots were laid out in randomized complete block design with three replications. Kochia was seeded into standing winter wheat in April, but stand was inadequate to place a trial. Treatments were then applied to kochia in fallow with no winter wheat present. Treatments 1-6 (timing A) were applied June 19, 2007 with a ten foot boom (six XR11002 nozzles on 20 inch spacing) at 13.5 gpa carrier volume and 22 psi nozzle pressure, with kochia being 1-2 inches tall. Treatments 7-12 (Timing B) were applied June 25, with kochia being 3-5 inches tall. Plots were rated visually for percent control July 3 and July 14.

Treatment	Rate Prod/a	Timing	Kochia Percent Control	
			July 3	July 14
1. Affinity BroadSpec + Starane + NIS	0.5 oz + 0.5 pt	A	70	70
2. Affinity BroadSpec + Starane + NIS	0.5 oz + 0.75 pt	A	100	100
3. Affinity BroadSpec + Starane + NIS	0.5 oz + 1.0 pt	A	100	100
4. Starane + NIS	0.5 pt	A	50	50
5. Starane + NIS	0.75 pt	A	70	70
6. Starane + NIS	1.0 pt	A	100	100
7. Affinity BroadSpec + Starane + NIS	0.5 oz + 0.5 pt	B	50	50
8. Affinity BroadSpec + Starane + NIS	0.5 oz + 0.75 pt	B	80	77
9. Affinity BroadSpec + Starane + NIS	0.5 oz + 1.0 pt	B	93	99
10. Starane + NIS	0.5 pt	B	40	40
11. Starane + NIS	0.75 pt	B	57	63
12. Starane + NIS	1.0 pt	B	83	90
13. Untreated Check			0	0
*NIS applied at 0.25% v:v	LSD 5%		6.6	6.3