

**Study Name:** Broadleaf control in spring wheat with Starane NXT & WideMatch (0703)

**Objectives:** Evaluate Starane NXT and WideMatch tank mixes for broadleaf weed control and spring wheat tolerance.

**Results:**

We observed no crop chlorosis or stunting in spring wheat with any treatment. All treatments provided excellent kochia (Kocz) control as each treatment contains fluroxypyr. All treatments provided excellent common lambsquarters (Colq) control with the exception of WideMatch alone. WideMatch contains clopyralid and fluroxypyr, neither one of which provides adequate lambsquarters control. A tank mix partner will be needed with WideMatch to control lambsquarters. Starane NXT contains fluroxypyr and bromoxynil.

Treatment <sup>a</sup>	Rate <sup>b</sup>	Kocz <sup>c</sup>		Colq <sup>c</sup>		Wheat	
		% control Jun 23	% control Jul 6	% control Jun 23	% control Jul 6	Yield bu/A	Test wt. lb/bu
Starane NXT	350g	100	100	100	100	45.9	60.9
Starane NXT + MCPe	350g + 280g	100	100	100	100	37.1	60.8
Starane NXT + 2,4 De	350g + 280g	100	100	100	100	39.4	60.5
Starane NXT + Harm GT + NIS	350g + 4.38g	98	99	99	100	37.6	60.4
Starane + Bronate Adv.	70g + 560g	100	100	100	100	40.2	61.4
Starane + 2,4-D ester	105g + 420g	95	98	99	100	36.1	60.7
WideMatch	210g	95	97	50	50	39.2	60.9
WideMatch + MCPe	210g + 420g	95	98	99	100	38.2	61.9
WideMatch + Harm GT + NIS	210g + 4.38g	95	98	90	97	37.4	61.4
WideMatch + Affinity TM + NIS	210g + 5.5g	95	98	89	97	39.2	61.1
Untreated		0	0	0	0	37.6	61.1
LSD (0.05)		1.5	0.9	5.5	5.7	NS	1.1
CV		1	0.6	3.8	3.9	10.9	1.1

<sup>a</sup> Treatments applied at 4- to 5-leaf wheat.

<sup>b</sup> Rates are shown in g/ha; NIS applied at 0.25% v/v.

<sup>c</sup> Kocz = Kochia; Colq = Common lambsquarters