Broadleaf weed control with Talinor in HRSW

The objective of the study was to evaluate Talinor for weed control and crop safety. Talinor is a new Syngenta herbicide containing bicyclopyrone (Group 27) and bromoxynil (Group 6). Talinor controls many annual broadleaf weeds. Treatments were applied June 7 to 4-leaf wheat.

All treatments caused only slight crop injury. There was no significant difference in wheat yield between treatments. All three Talinor rates provided excellent control of redroot pigweed, lambsquarters, and volunteer canola. WideMatch applied alone provided only fair control of pigweed and lambsquarters and poor control of volunteer canola.

Table. Broadleaf weed cont	rol with Talinor in H	RSW. (1	620)											
			Weed Control						Wheat					
			Rrpw		Colq		Vol canola		Injury		Moisture	Yield	Test wt.	
Treatment	Rate	Timing	Jun-24	Jul-11	Jun-24	Jul-11	Jun-24	Jul-11	Jun-12	Jun-24	Jul-11	Aug-22	Sep-16	Sep-16
			%							%		%	bu/A	lb/bu
Untreated			0	0	0	0	0	0	0	0	0	14.2	71	64.4
Talinor + Coact+ ^a	13.7 oz + 2.74 oz	POST	96	99	99	99	99	99	8	1	0	13.4	78	64.4
Talinor + Coact+a	16 oz + 3.2 oz	POST	97	99	99	99	99	99	9	0	0	13.6	71	64.5
Talinor + Coact+a	18.2 oz + 3.6 oz	POST	98	98	99	99	99	99	11	2	0	13.8	78	64.2
Huskie + NIS	11 oz + 0.25%	POST	99	99	99	99	99	99	8	0	0	15.0	72	64.2
WideMatch	1 pt	POST	53	72	40	72	43	30	4	0	0	13.7	69	64.1
Affinity TM + MCPA ester	0.6 oz + 0.75 pt	POST	96	99	96	99	96	99	12	2	0	13.8	71	64.1
Bronate	1 pt	POST	74	82	99	99	83	99	4	0	0	13.6	74	63.9
LSD (0.05)			9	6.6	12.3	6.4	14.7	0.5	1.5	NS	NS	NS	NS	0.35
CV			6.7	4.7	8.9	4.4	10.9	0.3	11.9	177.6	0	6.7	6.6	0.3
^a Applied with COC (1%)														
^b Rrpw=Redroot pigweed; (Colq=Common lamb	squarter	s; Vol can	ola=Volui	nteer cand	ola								