## Weed control with Tough in chickpea

The objective of the study was to evaluate weed control with Tough herbicide applied postemergence in chickpea. 'Frontier' chickpea was planted on May 9. POST treatments were applied on June 12 and June 20. Tough was applied at three rates alone or tank mixed with COC, MSO, or Select.

All treatments generally provided >90% control of kochia and lambsquarters, except for the low rate 0.75 pt. None of the Tough treatments controlled wild buckwheat. While POST treatments provided good control of emerged redroot pigweed, Tough did not provide control of later emerging pigweed. A soil residual herbicide should always be applied preplant or preemergence to help control later flushes.

Table. Weed control with T	ough. (1711)													
		Weed Control												-
			Kochia			Common lambsquarters			Redroot pigweed			Wild buckwheat		
Treatment	Rate	Timing	Jun-20	Jul-13	Aug-8	Jun-20	Jul-13	Aug-8	Jun-20	Jul-13	Aug-8	Jun-20	Jul-13	Aug-8
			%%%%%											
Untreated			0	0	0	0	0	0	0	0	0	0	0	0
Tough	0.75 pt	POST	92	86	81	92	81	81	82	62	40	40	20	0
Tough	1 pt	POST	93	99	97	93	99	97	86	67	43	48	27	17
Tough	1.5 pt	POST	94	99	98	92	93	89	90	70	47	58	30	30
Tough <sup>a</sup>	1.5 pt	POST	95	99	96	95	99	99	90	67	50	63	40	37
Tough <sup>b</sup>	1.5 pt	POST	95	93	91	95	94	97	91	68	43	68	33	27
Tough + Select <sup>a</sup>	1.5 pt + 6 oz	POST	95	99	97	95	99	97	91	72	50	70	35	35
Tough + Select <sup>b</sup>	1.5 pt + 6 oz	POST	95	99	96	95	99	96	92	67	43	68	37	33
Tough + Select <sup>a</sup> / Tough <sup>a</sup>	1.5 pt + 6 oz + / 1.5 pt	POST / +8 days	95	99	99	95	99	99	90	70	57	60	30	45
Tough + Select <sup>a</sup> / Tough <sup>a</sup>	0.75 pt + 6 oz / 0.75 pt	POST / +8 days	93	99	98	83	99	97	77	67	43	43	23	15
Tough + Select <sup>a</sup> / Tough <sup>a</sup>	1.5 pt + 6 oz / 0.75 pt	POST / +8 days	95	99	99	93	98	94	90	68	50	63	35	25
LSD (0.05)			2.9	9.0	8.1	8.4	6.8	9.0	3.6	7.5	14	15.6	18.0	23.6
<sup>a</sup> Applied with COC (1%)														
<sup>b</sup> Applied with MSO (1%)														