

### Yellow foxtail control with Puma and broadleaf tank mixes (2004)

Lebsock durum was seeded May 26 at 110 lb/A into 7.5-inch rows. Individual plots were 10 x 30 ft and replicated 3 times. Herbicide treatments were applied June 25 to 3- to 4-leaf durum. The primary weeds evaluated were yellow foxtail (Yeft), wild buckwheat (Wibw), common lambsquarters (Colq), and kochia (Kocz). The yellow foxtail density was high while broadleaf densities were generally lower.

Two treatments provided excellent yellow foxtail control: Puma followed 6 days later by Bronate Advanced and Puma tank mixed with Curtail M + Starane. The remaining herbicide combinations resulted in 10-30% less yellow foxtail control. No treatments caused any visible crop injury. Despite the lower yellow foxtail control, only the untreated yield was significantly different from the other treatments.

Treatment <sup>a</sup>	Rate	Timing	Yeft		Wibw		Colq		Kocz		Yield bu/A
			Jul 9	Aug 4	Jul 9	Aug 4	Jul 9	Aug 4	Jul 9	Aug 4	
Untreated			0	0	0	0	0	0	0	0	28
Puma/ Bronate	0.66 pt/ 0.8 pt	3-4 lf/ + 6 day	94	93	94	98	99	100	98	100	57
Puma + Bronate	0.66 pt + 0.8 pt	3-4 lf	81	73	93	98	99	98	96	100	53
Puma + Bronate + Starane	0.66 pt + 0.6 pt + 0.33 pt	3-4 lf	84	77	95	100	99	100	99	100	53
Puma + Bronate + Harmony GT	0.66 pt + 0.6 pt + 0.1 oz	3-4 lf	64	65	96	100	100	100	97	100	60
Puma + Harmony GT + Starane	0.66 pt + 0.3 oz + 0.33 pt	3-4 lf	80	78	92	100	92	99	97	99	53
Puma + Curtail M + Starane	0.66 pt + 1.75 pt + 0.5 pt	3-4 lf	92	92	94	100	97	98	98	100	56
Puma + Stinger + Starane + Harmony GT	0.66 pt + 0.25 pt + 0.5 pt + 0.3 oz	3-4 lf	78	81	94	100	97	99	98	100	53
LSD (0.05)			9	7	4	2	3	2	4	1	9
CV			7	5	3	1	2	2	2	0	10

<sup>a</sup>Bronate applied was Bronate Advanced