

**Study Name:** Kochia control in flax with Bronate vs. Spartan (0710)

**Objectives:** Compare kochia control in flax with Bronate vs. Spartan or a tank mix of the two

**Results:**

We established this study in three separate fields that had a history of kochia. However, no kochia emerged in field Xs and Wn. The heavy rains in May and June likely inhibited kochia populations. Kochia grows much better in dry conditions. Only a few kochia plants emerged in Field L. Kochia was controlled by both Bronate and Spartan in Field L. No late flushes of kochia emerged after the Bronate application. The Bronate applications were applied later than desired due to wet conditions, especially in fields Xs and Wn. The late Bronate applications resulted in delayed flowering on all three fields, though it was worse on Field Xs and Wn where applications were made to larger flax.

		Flax									Kochia
		Field Xs			Field Wn			Field L			
Treatment	Rate	% flowr Jul 7	Yield bu/A	TW lb/bu	% flowr Jul 7	Yield bu/A	TW lb/bu	% flowr Jul 7	Yield bu/A	TW lb/bu	% control Jul 7
Untreated		72	44.4	53.6	57	26.8	53.1	70	31.9	53.6	0
Bronate Adv	0.71pt	13	24.2	53.5	7	17.7	43.3	62	46.4	53.9	93
Spartan	6fl oz	70	38.6	53.5	70	45.9	53.4	70	41.8	54.2	100
Spartan / Bronate Adv	6fl oz / 0.71pt	12	24.7	53.5	8	32.4	53.1	63	45.6	54.3	100
LSD (0.05)		5.5	11.1	NS	17.2	16.9	NS	6.9	NS	NS	11.5
CV		6.6	16.8	0.4	24.3	27.5	18	5.2	15.8	1	7.9