

### Faba bean tolerance to herbicides

The objective of the study was to evaluate faba bean tolerance to preemergence (PRE) and postemergence (POST) herbicides. Faba beans were planted May 4. Treatments were applied PRE and POST on May 4 and June 7, respectively. Faba beans were about 4-6 inches tall at the POST application.

Very little crop injury was observed with Prowl or Sharpen applied PRE. Only slight crop injury was observed with Varisto applied POST. Sharpen and Varisto provided some horseweed suppression (56-85%).

Table. Faba bean tolerance to herbicides. (1641)										
Treatment	Rate	Timing	Faba bean				Yield	Test wt.	Weed Control	
			Injury				Oct-14	Oct-14	Horseweed	
			May-24	Jun-16	Jun-27	Jul-29			Jul-29	
			-----%-----				lb/A	lb/bu	-----%-----	
Untreated			0	0	0	0	20	65.8	0	
Prowl H2O	32 oz	PRE	0	0	0	0	19	65.8	0	
Prowl H2O	48 oz	PRE	0	2	2	0	18	65.4	0	
Sharpen	2 oz	PRE	0	0	0	0	19	65.6	62	
Sharpen	4 oz	PRE	0	3	4	4	20	65.6	85	
Varisto <sup>a</sup>	11 oz	POST	0	7	8	0	24	65.5	56	
Varisto <sup>a</sup>	22 oz	POST	0	12	16	2	20	65.5	76	
LSD (0.05)			NS	2.5	3.2	1.5	NS	NS	15.2	
CV			0	40.1	42.1	104.4	18.7	0.8	21.4	

<sup>a</sup> Applied with MSO (1%) + AMS (2.5 gal)