

Rotational crop sensitivity to fall-applied Valor

The objective of this study was to determine the sensitivity of spring-planted crops to fall-applied Valor. Valor was applied at 2 and 3 oz/A on September 11, October 16, and November 4 in 2008. Dry pea, lentil, chickpea, and flax were planted in mid-May of 2009. The study area was hand-weeded for broadleaf weeds and grasses were controlled with a postemergence application of Select Max. Thus, weeds had no effect on crop yields.

Very little crop response was observed with any crop or treatment. There were no treatment differences in yield or test weight for any crop.

Table. Rotational crop sensitivity to fall-applied Valor (0927).

Treatment ^a	Rate	Timing	Chickpea			Flax			Lentil			Chickpea		Flax		Lentil		Dry pea	
			Jun 13	Jul 08	Jul 22	Jun 13	Jul 08	Jul 22	Jun 13	Jul 08	Jul 22	Yield	TW	Yield	TW	Yield	TW	Yield	TW
		(2008)	-----% injury-----									lb/A	lb/bu	lb/A	lb/bu	lb/A	lb/bu	lb/A	lb/bu
Prowl H2O	2 pt	Sept	0	0	0	0	0	0	0	0	0	2699	62.5	35	54.7	1483	58.9	3250	66.7
Valor	2 oz	Sept	0	0	0	0	0	0	0	0	2434	61.7	38	54.3	1417	58.6	3004	66.5	
Valor	2 oz	Oct	0	0	0	0	0	0	0	0	2758	60.1	31	54.4	1626	59.1	2781	66.6	
Valor	2 oz	Nov	2	0	0	0	0	0	0	3	2965	60.2	37	54.4	1894	59.3	3255	66.6	
Valor	3 oz	Sept	1	0	0	0	0	0	0	2	2836	60.4	43	54.5	1596	58.6	2814	66.6	
Valor	3 oz	Oct	4	0	0	0	0	0	0	2	2777	59.9	37	54.5	1529	58.8	2747	66.5	
Valor	3 oz	Nov	6	0	0	1	0	0	0	4	2842	60.1	37	54.2	1769	59.2	2591	66.8	
LSD (0.05)			2.3	NS	NS	NS	NS	NS	NS	NS	NS								
CV			88	0	0	529	0	0	0	158	0	8	4	13	1	21	1	12	1

^a No dry pea injury was observed in any treatment