

Dry pea tolerance to preemergence herbicides

The objective of the study was to evaluate dry pea tolerance to labeled or experimental herbicides applied preemergence. Our goal was to find products with different modes of action that can safely be used in dry pea and control Group 1 resistant green foxtail. Zidua, Fierce, and Outlook have activity on green foxtail, but are not currently labeled for use in dry pea.

All treatments except Prowl caused slight to moderate crop injury at the two June ratings. No injury was observed at the July rating.

Table. Dry pea tolerance to preemergence herbicides. (1517)						
Treatment	Rate	Timing	Dry pea			
			Density	Injury		
			Jun-1	Jun-3	Jun-20	Jul-23
			m of row	-----%-----		
Untreated			13.3	0	0	0
Zidua	3 oz	PRE	12.1	21	18	0
BroadAxe	20 oz	PRE	12.0	18	10	0
Dual II Magnum	1.67 pt	PRE	13.0	15	10	0
Outlook	14 oz	PRE	12.7	14	12	0
Prowl	3 pt	PRE	13.6	0	0	0
Fierce	3 oz	PRE	12.9	22	20	0
LSD (0.05)			NS	3.0	5.0	NS

*July 23 rating is based on one rep due to herbicide drift on reps 2 & 3.