

PEA RESEARCH REPORT—2013

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Two herbicides that are not registered on peas were evaluated and compared to existing and recently registered products. Due to the relatively dry conditions at the research site, weeds were not a problem this year. Sharpen and Optill caused no injury (Table 1). The new products, Zidua and Warrant caused some initial stunting but did not reduce the weight of the plants or of the pods.

Table 1: Evaluation of Preemergence Herbicides in Peas (Var. 'Durango') in 2013

Herbicides	Rate	Stunting 6/20 (%)	Yield	
			Weight 7/19 (lb/25 Plants)	Pod weight (lb/25 plants)
Untreated		0	1.3	0.44
Dual Magnum	1pt	20	2.2	0.88
+Reflex	1pt			
Prowl H ₂ O	1qt	0	1.8	0.88
Pursuit	1oz	0	2.2	1.1
Sharpen	3oz	0	2.2	0.88
Optill	3oz	0	2.2	0.88
Zidua	1oz	10	2.0	0.88
Zidua	2oz	17	2.2	1.1
Warrant	0.9pt	13	2.4	1.1
Warrant	1.8pt	33	2.0	0.88
Command	1.3pt	7	2.0	0.88
Dual Magnum	1pt	17	2.2	0.88
+Prowl H ₂ O	1qt			