

Dry pea desiccation with Sharpen

The objective of this study was to evaluate dry pea desiccation with Sharpen compared to Gramoxone. Treatments were applied on August 3 when about 80% of the dry pea pods had turned to a light green or yellow color. Sharpen and glyphosate treatments were applied at 10 gpa, while Gramoxone was applied at 20 gpa. Treatments were evaluated visually for percent desiccation of leaves, vines, and pods at 3, 7, 10, and 14 days after treatment (DAT).

Gramoxone provided faster overall desiccation 3 and 7 DAT; however, by 10 DAT Sharpen + Glyphosate was similar to Gramoxone in each category. Sharpen and glyphosate alone provided complete desiccation by 10-14 DAT.

Table. Dry pea desiccation with Sharpen. (1048)

Treatment ^{abc}	Rate	Dry pea desiccation (days after treatment)												Yield	TW	
		Leaf				Stem				Pods						Aug 17
		3	7	10	14	3	7	10	14	3	7	10	14			
		-----% desiccation-----								---% green remaining---				lb/A	lb/bu	
Untreated		78	98	99	100	53	70	85	96	20	12	6	0	3787	64.4	
Sharpen	1 oz	82	99	99	100	64	79	90	98	16	2	0	0	3625	63.9	
Sharpen	2 oz	77	99	99	100	61	83	90	99	21	0	0	0	3194	63.9	
Sharpen	4 oz	84	99	99	100	46	85	90	99	13	0	0	0	3344	63.8	
Glyphosate	22 oz	84	99	99	100	68	80	91	100	15	3	0	0	3859	64.1	
Sharpen + Gly	1 oz + 22 oz	82	99	99	100	66	82	95	100	18	0	0	0	3269	63.4	
Gramoxone	1.5 pt	95	99	99	100	93	99	99	100	4	0	0	0	2785	63.9	
LSD (0.05)		NS	NS	NS	NS	20	10	6	NS	NS	5	3	NS	NS	NS	
CV		9	1	0	0	18	6	4	2	57	120	176	458	12	1	

^aAll treatments applied pre-harvest Aug 3; Sharpen and Glyphosate applied with MSO (1%) + AMS (5%); Gramoxone applied with NIS (0.25%).

^bGlyphosate=Roundup Powermax

^cGramoxone Inteon applied at 20 gpa; all other treatments applied at 10 gpa.