

Dry bean desiccation with Sharpen

The objective of this study was to evaluate dry bean desiccation with Sharpen compared to labeled products (glyphosate, Valor, and Aim). Treatments were applied on Sep 3 when about 80% of the dry bean pods had turned to a light green or yellow color. All treatments were applied at 10 gpa. Treatments were evaluated visually for percent desiccation of leaves, vines, and pods at 4, 7, 10, and 14 days after treatment.

Sharpen desiccated dry bean leaves, vines, and pods equivalent to or faster than labeled products. Glyphosate and Aim were generally somewhat slower than Sharpen and Valor.

Table. Dry bean desiccation with Sharpen. (1043)

		Dry bean desiccation (days after treatment)													
Treatment ^{abc}	Rate	Leaf				Vine				Pods				Yield	TW
		4	7	10	14	4	7	10	14	4	7	10	14	Sep 17	
		-----% desiccation-----								--% green remaining--				lb/A	lb/bu
Untreated		66	78	86	90	28	38	48	63	16	8	5	4	3065	59.8
Sharpen	0.75 oz	81	93	98	99	38	53	65	80	9	2	1	0	3316	59.7
Sharpen	1 oz	85	96	99	99	43	64	75	89	6	1	0	0	3283	59.6
Sharpen	2 oz	89	97	99	99	49	67	79	91	6	1	0	0	2976	59.5
Glyphosate	22 oz	68	90	98	99	29	41	55	79	14	7	3	1	3731	60.2
Sharpen + Gly	0.75 oz + 22 oz	82	97	99	99	34	50	64	84	10	3	1	0	3501	59.7
Valor	2 oz	82	94	98	99	36	51	63	80	8	3	2	1	3598	59.9
Aim	2.6 oz	76	89	98	99	31	48	58	75	11	5	3	1	3244	60.5
LSD (0.05)		6	8	4	4	5	8	10	8	4	2	2	2	NS	NS
CV		5	6	3	3	10	11	11	7	27	46	63	120	14	1

^aAll treatments applied pre-harvest Sep 3; Sharpen, Glyphosate, and Aim applied with MSO (1%) + AMS (5%); Valor applied with MSO (1%).

^bGlyphosate=Roundup Powermax

^cAll treatments applied at 10 gpa.