Chickpea desiccation with Sharpen, Valor, and Paraquat

'B90' chickpea was seeded May 15 at 140 lb/A into 7.5-inch rows into wheat stubble. Desiccation treatments were applied pre-harvest on September 2. There were essentially no weeds present in the study. Individual plots were 10 x 30 ft and replicated four times.

At 1 week after treatment (WAT), Gramoxone provided slightly faster desiccation (99%) than other treatments (88-94%). Sharpen + Glyphosate was slightly more effective than Sharpen alone or Valor. At 2 WAT, desiccation was still slightly better with Gramoxone compared to other treatments. There were no significant differences in chickpea yield or test weight between treatments. Note: As of December 2009, Sharpen and Valor are not labeled for use as desiccants in chickpea.

Table. Chickpea desiccation with Sharpen, Valor, and Paraquat (0909).

		Chickpea			
Treatment[a]	Rate	1 WAT	2 WAT	Yield	TW
		------% desiccation------		lb/A	bu/A
Untreated		83	86	2238	59.9
Sharpen + MSO + AMS	2 fl oz + 1% + 2%	92	93	2126	59.6
Sharpen + Glyphosate + MSO + AMS	1 fl oz + 1 qt + 1% + 2%	94	97	2138	60.3
Valor + MSO	2 oz + 1%	88	92	2209	60.2
Gramoxone Inteon + NIS	1.5 pt + 0.25%	99	99	2114	60.2
LSD (0.05)		4.9	3.2	NS	NS
CV		3	2	9	1

[a] *All treatments applied pre-harvest and evaluated 1 and 2 weeks after treatment (WAT)*