

Study Name: No-till lentil tolerance to 2,4-DB

Study Number:0510

Objectives:

Results:

Table. No-till lentil tolerance to 2,4-DB.

Treatment ^a	Rate	Timing ^b	Lentil		Density	Yield	TW
			Jun 10	Jul 7	Jun 24		
			— % injury —		Plants/ft ²	lb/A	lb/bu
Roundup	11 fl oz	3 DAP	0	0	10.0	791	57.0
2,4-DB	0.7 pt	POST	15	13	9.4	1088	58.0
2,4-DB	1.4 pt	POST	21	12	10.2	1205	57.8
2,4-DB + Assure II ^d	0.7 pt + 8 fl oz	POST	30	15	9.1	1107	57.2
2,4-DB + Assure II	1.4 pt + 8 fl oz	POST	43	15	10.6	1177	56.7
Prowl H2O/ Assure II	2 pt/ 8 fl oz	3 DAP/ POST	12	7	9.6	1536	58.3
Prowl H2O/ 2,4-DB + Assure II	2 pt/ 0.7 pt + 8 fl oz	3 DAP/ POST	38	15	9.6	1629	58.4
Untreated			0	0	9.6	988	57.4
LSD (0.05)			11	5	NS	445	1.1
CV			32	32	5.9	21	1.1

^aRoundup UltraMax II with AMS at 11 fl oz plus 2.5 gal/100 gal was applied alone or tankmixed 3 days after planting (DAP) with each treatment.

^bDAP = days after planting.

^cDensity is reported in plants per meter of row.

^dAssure II treatments were applied with COC at 1% v/v.