

Study Name: Weed control and crop tolerance in Express sunflower

Study Number:0429

Objectives: Evaluate weed control and crop tolerance with Express applied with Select or Assure II in SU tolerant sunflower.

Results:

Table. Weed control and crop tolerance in Express sunflower

Treatment ^a	Rate	Timing	Yeft			Rrpw			Sunflower				Yield	Test Wt
			Jun 23	Jul 20	Aug 12	Jun 23	Jul 20	Aug 12	Jun 23	Jul 9	Jul 20	Aug 12	Oct 27	
			—————% control —————						—————% injury —————				lb/A	lb/bu
Sonalan/ Assure II	3 pt/ 8 fl oz	PPI/ POST	95	100	99	94	97	96	0	1	0	0	1821	27.9
Spartan/ Assure II	5.33 oz/ 8 fl oz	PRE/ POST	93	98	94	100	96	94	0	1	0	0	1616	27.9
Sonalan + Spartan/ Assure II	2 pt + 3 oz/ 8 fl oz	PPI/ POST	95	100	99	94	92	92	0	0	0	0	1744	28.0
Sonalan/ Express + Assure II	2 pt/ 0.167 oz + 8 fl oz	PPI/ POST	95	96	96	96	98	97	0	3	0	0	1485	27.2
Spartan/ Express + Assure II	3 oz/ 0.167 oz + 8 fl oz	PRE/ POST	84	72	69	100	93	97	0	2	0	0	1437	27.4
Prowl H2O/ Express + Assure II	2.1 pt/ 0.167 oz + 8 fl oz	PRE/ POST	87	76	81	86	89	90	0	2	0	0	1678	28.2
Spartan/ Express + Select	3 oz/ 0.167 oz + 6 fl oz	PRE/ POST	66	84	77	100	99	97	0	3	0	0	1749	27.6
Express + Assure II	0.167 oz + 8 fl oz	POST	0	47	48	0	75	77	0	3	0	0	1194	27.8
Express + Select	0.167 oz + 6 fl oz	POST	0	50	58	0	75	75	0	3	0	0	1418	27.5
Untreated			0	0	0	0	0	0	0	0	0	0	537	28.3
LSD (0.05)			22	21	22	5	8	6	NS	2	NS	NS	429	NS
CV			20	17	18	4	6	5	0	50	0	0	17	1.9

^aAssure II and Select treatments were applied with COC at 1% v/v.