

2009 Corn Herbicide Evaluation - Waseca

Common cocklebur Site

Herbicide	Rate	Giant foxtail	Common cocklebur	Common lambsquarters	H2O	Yield	Cost	Returns
	(product/A)		(% control)		(%)	(bu/A)	(\$/A)	(\$/A)
<u>Preemergence/POST III (V4 corn)</u>								
Harness / Laudis + atrazine + COC + 28%	1.75 pt / 3 oz + 16 oz + 1% + 1.5 qt	99	85	99	27.3	208	59.25	508
<u>Preemergence/POST I (V2 - V 3 corn)</u>								
Dual II Magnum / Halex GT + NIS + AMS	1 pt / 3.6 pt + 0.25% + 3 qt	83	78	63	27.4	194	63.56	463
<u>Preemergence/POST III (V4 corn)</u>								
Harness / Laudis + Buctril + COC + 28%	1.75 pt / 3 oz + 6 oz + 1% + 1.5 qt	92	90	99	26.6	211	60.41	522
Harness / Ignite + AMS	1.75 pt / 22 oz + 2 qt	99	85	99	27.6	216	50.28	533
Harness / Capreno + COC + 28%	1.75 pt / 3 oz + 1% + 1.5 qt	87	91	99	27.5	206	58.83	502
Breakfree / Rims + meso + Isox-e + atrazine + COC + AMS	pt / 1.2oz + 2.5oz + 0.3oz + 16oz + 1% + 3qt	98	85	99	27.6	216		
Breakfree / Resolve Q + Roundup Original Max + AMS	1 pt / 1.25 oz + 16 oz + 22 oz + 3 qt	99	88	99	27.1	209	53.80	516
Harness / Roundup WeatherMax + AMS	1.25 pt / 22 oz + 3 qt	99	91	99	27.8	223	50.99	551
Lumax / Touchdown Total + AMS	3 pt / 24 oz + 3 qt	99	90	99	26.9	222	57.41	550
Camix / Touchdown Total + AMS	2.5 pt / 24 oz + 3 qt	99	92	99	27.0	215	55.67	534
SureStart / Durango + AMS	1.75 pt / 24 oz + 3 qt	99	91	99	25.8	226	48.59	581
SureStart / Durango + AMS	2.5 pt / 24 oz + 3 qt	99	91	99	27.1	216	55.88	535
SureStart + atrazine / Durango + AMS	1.75 pt + 1.5 pt / 24 oz + 3 qt	99	92	99	26.1	227	52.04	579
Integrity / Roundup WeatherMax + Status + NIS + AMS	17 oz / 22 oz + 2.5 oz + 0.25% + 3 qt	99	98	99	27.2	218	66.29	528
Harness / Impact + atrazine + MSO + 28%	1.75 pt / 0.75 oz + 16 oz + 1% + 2.5%	99	88	99	26.7	213	62.55	524
Harness / Impact + atrazine + Roundup WeatherMax + AMS	1.25 pt / 0.5 oz + 16 oz + 22 oz + 3 qt	99	98	99	26.5	210	63.05	515
<u>POST I (1" Weeds) / POST IV (4" weeds)</u>								
Roundup WeatherMax + AMS / Roundup WeatherMax + AMS	22 oz + 3 qt / 22 oz + 3 qt	99	99	99	26.7	212	47.58	537
<u>POST I (V2 corn)</u>								
SureStart + Durango + AMS	1.75 pt + 24 oz + 3 qt	89	89	65	27.3	223	41.59	565
Halex GT + atrazine + NIS + AMS	3.6 pt + 16 oz + 0.25% + 3 qt	74	79	60	26.8	187	43.93	470
<u>POST II (V3 corn)</u>								
Rims + meso + Isox-e + Roundup Original Max + AMS	1.2oz + 2.5oz + 0.3oz + 22oz + 3qt	74	74	94	26.9	219		
Steadfast Q + Callisto + atrazine + COC + AMS	1 oz + 2 oz + 16 oz + 1% + 3 qt	70	86	54	26.7	185	33.94	476
Resolve Q + atrazine + Roundup Original Max + AMS	1.25 oz + 16 oz + 22 oz + 3 qt	70	81	96	27.7	208	39.41	522
<u>Checks</u>								
Weedy Check	-	0	0	0	29.1	76	0.00	200
Weed-Free Check	-	100	100	100	27.0	210	0.00	574
	LSD (0.10)	6	8	12	1.2	19		56

Corn Hybrid: Pioneer Brand 37Y14

Planting date: May 18

Pre application: May 19

1" weeds applied 2-Jun

V2 applied: 11-Jun

V3 applied: 11-Jun

V4 applied: 18-Jun