

2009 Corn Herbicide Evaluation - Waseca
Giant ragweed Site

Herbicide	Rate	Giant foxtail	Giant ragweed	H2O	Yield	Cost	Returns
	(product/A)	(% control)	(%)	(bu/A)	(\$/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	93	28.8	175	59.25	406
<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	99	63	28.2	145	63.56	327
<u>Preemergence/POST III (V4 corn)</u>							
Harness / Laudis + Buctril + COC + 28%	1.75 pt / 3 oz + 6 oz + 1% + 1.5 qt	99	92	29.4	170	60.41	387
Harness / Ignite + AMS	1.75 pt / 22 oz + 2 qt	99	86	27.9	166	50.28	397
Harness / Capreno + COC + 28%	1.75 pt / 3 oz + 1% + 1.5 qt	99	88	28.5	166	58.83	385
Breakfree / Rims + meso + Isox-e + atrazine + COC + AMS	pt / 1.2oz + 2.5oz + 0.3oz + 16oz + 1% + 3	98	96	28.4	177		
Breakfree / Resolve Q + Roundup Original Max + AMS	1 pt / 1.25 oz + 16 oz + 22 oz + 3 qt	99	89	28.3	181	53.80	431
Harness / Roundup WeatherMax + AMS	1.25 pt / 22 oz + 3 qt	99	92	28.6	178	50.99	422
Lumax / Touchdown Total + AMS	3 pt / 24 oz + 3 qt	99	96	27.7	183	57.41	437
Camix / Touchdown Total + AMS	2.5 pt / 24 oz + 3 qt	99	95	29.0	176	55.67	411
SureStart / Durango + AMS	1.75 pt / 24 oz + 3 qt	99	93	27.9	180	48.59	438
SureStart / Durango + AMS	2.5 pt / 24 oz + 3 qt	99	92	28.2	174	55.88	412
SureStart + atrazine / Durango + AMS	1.75 pt + 1.5 pt / 24 oz + 3 qt	99	89	27.1	167	52.04	405
Integrity / Roundup WeatherMax + Status + NIS + AMS	17 oz / 22 oz + 2.5 oz + 0.25% + 3 qt	99	94	28.9	184	66.29	421
Harness / Impact + atrazine + MSO + 28%	1.75 pt / 0.75 oz + 16 oz + 1% + 2.5%	99	95	28.5	180	62.55	419
Harness / Impact + atrazine + Roundup WeatherMax + AMS	1.25 pt / 0.5 oz + 16 oz + 22 oz + 3 qt	99	96	28.7	193	63.05	452
<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	28.3	183	47.58	443
<u>POST I (V2 corn)</u>							
SureStart + Durango + AMS	1.75 pt + 24 oz + 3 qt	99	76	28.0	190	41.59	471
Halex GT + atrazine + NIS + AMS	3.6 pt + 16 oz + 0.25% + 3 qt	76	59	29.5	170	43.93	404
<u>POST II (V3 corn)</u>							
Rims + meso + Isox-e + Roundup Original Max + AMS	1.2oz + 2.5oz + 0.3oz + 22oz + 3qt	94	65	27.9	191		
Steadfast Q + Callisto + atrazine + COC + AMS	1 oz + 2 oz + 16 oz + 1% + 3 qt	97	68	28.8	160	33.94	392
Resolve Q + atrazine + Roundup Original Max + AMS	1.25 oz + 16 oz + 22 oz + 3 qt	95	45	28.5	158	39.41	382
<u>Checks</u>							
Weedy Check	-	0	0	30.3	26	0.00	67
Weed-Free Check	-	100	100	28.3	179	0.00	480
	LSD (0.10)	11	13	1.2	21		60

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