

2009 Corn Herbicide Evaluation - Waseca
Common ragweed Site

Herbicide	Rate	Giant foxtail	Common ragweed	Common lambsquarters	Redroot Velvetleaf	Wild pigweed	buckwheat	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	91	99	99	99	99	99	28.3	167	59.25	387
<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	75	64	96	96	99	99	28.2	149	63.56	338
<u>Preemergence/POST III (V4 corn)</u>											
Harness / Laudis + Buctril + COC + 28%	1.75 pt / 3 oz + 6 oz + 1% + 1.5 qt	89	99	99	98	99	99	29.0	166	60.41	379
Harness / Ignite + AMS	1.75 pt / 22 oz + 2 qt	91	83	89	89	99	99	28.3	171	50.28	408
Harness / Capreno + COC + 28%	1.75 pt / 3 oz + 1% + 1.5 qt	83	81	88	98	93	97	30.1	179	58.83	404
Breakfree / Rims + meso + Isox-e + atrazine + COC + AMS	pt / 1.2oz + 2.5oz + 0.3oz + 16oz + 1% + 3c	94	99	99	99	99	98	28.2	185		
Breakfree / Resolve Q + Roundup Original Max + AMS	1 pt / 1.25 oz + 16 oz + 22 oz + 3 qt	97	97	99	95	99	98	28.3	177	53.80	420
Harness / Roundup WeatherMax + AMS	1.25 pt / 22 oz + 3 qt	95	89	99	98	99	99	28.2	179	50.99	430
Lumax / Touchdown Total + AMS	3 pt / 24 oz + 3 qt	93	99	99	98	99	99	28.3	189	57.41	450
Camix / Touchdown Total + AMS	2.5 pt / 24 oz + 3 qt	93	98	99	99	99	98	27.6	178	55.67	425
SureStart / Durango + AMS	1.75 pt / 24 oz + 3 qt	97	99	99	99	99	99	28.5	181	48.59	434
SureStart / Durango + AMS	2.5 pt / 24 oz + 3 qt	98	99	99	99	99	98	28.4	171	55.88	402
SureStart + atrazine / Durango + AMS	1.75 pt + 1.5 pt / 24 oz + 3 qt	96	98	99	97	99	99	28.2	183	52.04	439
Integrity / Roundup WeatherMax + Status + NIS + AMS	17 oz / 22 oz + 2.5 oz + 0.25% + 3 qt	96	99	99	98	99	99	28.0	161	66.29	367
Harness / Impact + atrazine + MSO + 28%	1.75 pt / 0.75 oz + 16 oz + 1% + 2.5%	98	99	99	99	99	99	27.8	166	62.55	386
Harness / Impact + atrazine + Roundup WeatherMax + AMS	1.25 pt / 0.5 oz + 16 oz + 22 oz + 3 qt	99	99	99	99	99	99	28.2	169	63.05	389
<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	99	99	99	28.3	182	47.58	441
<u>POST I (V2 corn)</u>											
SureStart + Durango + AMS	1.75 pt + 24 oz + 3 qt	93	90	91	85	99	99	28.4	195	41.59	480
Halex GT + atrazine + NIS + AMS	3.6 pt + 16 oz + 0.25% + 3 qt	73	80	99	99	99	99	28.1	151	43.93	361
<u>POST II (V3 corn)</u>											
Rims + meso + Isox-e + Roundup Original Max + AMS	1.2oz + 2.5oz + 0.3oz + 22oz + 3qt	70	87	99	99	99	99	28.4	133		
Steadfast Q + Callisto + atrazine + COC + AMS	1 oz + 2 oz + 16 oz + 1% + 3 qt	73	94	99	99	99	99	28.8	156	33.94	379
Resolve Q + atrazine + Roundup Original Max + AMS	1.25 oz + 16 oz + 22 oz + 3 qt	64	83	99	96	99	99	28.9	143	39.41	341
<u>Checks</u>											
Weedy Check	-	0	0	0	0	0	0	29.7	81	0.00	211
Weed-Free Check	-	100	100	100	100	100	100	29.0	171	0.00	454
	LSD (0.10)	9	10	6	6	3	1	1.3	26		73

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