

2008 Corn Herbicide Evaluation - Waseca  
Common ragweed Site

Herbicide	Rate	Giant foxtail	Common ragweed	Common lambsquarters	Velvetleaf	Redroot pigweed	H2O	Yield	Cost	Returns
	(product/A)		(% control)				(%)	(bu/A)	(\$/A)	(\$/A)
<u>Preemergence</u>	5.6 oz	94	99	99	99	99	21.9	167	n/a	
Corvus										
<u>Preemergence/POST I (V2 corn)</u>										
Dual II Magnum / Halex GT + atrazine + NIS + AMS	1 pt / 3.6 pt + 16 oz + 0.25% + 3 qt	94	97	99	99	99	20.4	184	61.97	623
<u>Preemergence/POST III (V4 corn)</u>										
Balance Flexx / Laudis + MSO + 28%	3 oz / 3 oz + 1% + 1.5 qt	97	99	99	99	99	20.0	177	n/a	
Harness / Ignite + AMS	1.75 pt / 22 oz + 2 qt	96	98	99	99	99	21.1	188	45.60	649
Harness / Laudis + MSO + 28%	1.75 pt / 3 oz + 1% + 1.5 qt	93	95	99	99	99	22.5	184	50.34	615
Breakfree / Resolve Q + atrazine + Roundup PowerMax + AI	1 pt / 1.25 oz + 16 oz + 22 oz + 3 qt	93	97	99	99	99	20.0	178	54.57	611
Harness / Roundup WeatherMax + AMS	1.25 pt / 22 oz + 3 qt	94	96	99	99	99	21.1	163	49.37	550
Lumax / Touchdown Total + AMS	3 pt / 24 oz + 3 qt	93	99	99	99	99	20.2	174	56.20	592
SureStart / Durango + AMS	1.75 pt / 24 oz + 3 qt	95	98	99	99	99	20.0	177	47.27	617
SureStart / Durango + AMS	2 pt / 24 oz + 3 qt	94	97	99	99	99	19.7	180	49.20	626
SureStart + atrazine / Durango + AMS	2 pt + 2 pt / 24 oz + 3 qt	92	96	98	99	99	22.0	164	51.79	548
Outlook / Roundup WeatherMax + AMS	12 oz / 22 oz + 3 qt	94	95	99	99	99	19.4	171	51.13	594
Outlook / Roundup WeatherMax + Status + AMS	12 oz / 22 oz + 2.5 oz + 3 qt	91	99	99	99	99	21.7	178	54.47	597
Harness / Impact + atrazine + MSO + 28%	1.75 pt / 0.5 oz + 24 oz + 1% + 2.5%	92	93	99	99	99	21.0	161	49.81	544
Harness / Impact + atrazine + Roundup WeatherMax + AMS	1.25 pt / 0.5 oz + 16 oz + 22 oz + 3 qt	95	93	99	99	99	20.3	185	59.95	628
<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	21.1	171	50.60	581
<u>POST I (V2 corn)</u>										
SureStart + Durango + AMS	1.75 pt + 24 oz + 3 qt	83	85	89	99	99	21.2	169	40.27	582
Halex GT + atrazine + NIS + AMS	3.6 pt + 16 oz + 0.25% + 3 qt	96	97	99	98	99	19.6	178	42.27	625
<u>POST II (V3 corn)</u>										
Require Q + atrazine + Roundup PowerMax + AMS	4 oz + 16 oz + 22 oz + 3 qt	94	98	99	99	99	20.7	184	42.09	638
Resolve Q + Callisto + Roundup PowerMax + AMS	1.25 oz + 1 oz + 16 oz + 3 qt	91	93	99	99	99	20.8	171	39.80	593
Steadfast Q + Impact + atrazine + MSO + AMS	1.5 oz + 0.5 oz + 16 oz + 1% + 3 qt	86	92	99	99	99	20.6	164	n/a	
Resolve Q + atrazine + Roundup PowerMax + AMS	1.25 oz + 16 oz + 22 oz + 3 qt	91	94	99	99	99	20.7	179	38.59	624
<u>Checks</u>										
Weedy Check	-	0	0	0	0	0	22.4	69	0	248
Weed-Free Check	-	100	100	100	100	100	20.8	173	0	642
	LSD (0.10)	6	7	5	1	1	ns	20		74

Corn Hybrid: Pioneer Brand 37Y14

Planting date: May 13

Pre application: May 14

1" weeds applied            4-Jun

V2 applied:                    4-Jun

V3 applied:                    10-Jun

V4 applied:                    13-Jun