

2007 Corn Herbicide Evaluation - Waseca
Common ragweed Site

Herbicide	Rate	Giant foxtail	Common ragweed	Common lambsquarters	H2O	Yield	Cost	Returns
<u>Preemergence</u>	(product/A)		(% control)		(%)	(bu/A)	(\$/A)	(\$/A)
1 Keystone LA + Hornet WDG	2.2 qt + 4oz	53	80	98	15.2	163	44.80	569
<u>Preemergence/POST IV (V4 corn)</u>								
2 Breakfree / Stout + Impact + atrazine + COC + AMS	1 pt / 0.5 oz + 0.5 oz + 16 oz + 1% + 3 qt	87	85	99	15.9	183	47.29	636
3 Outlook / Status + NIS + AMS	21 oz / 5 oz + 0.25% + 3 qt	80	99	99	15.8	184	51.52	639
4 Define SC/ Liberty + atrazine + AMS	12 oz / 32 oz + 16 oz + 3.5 qt	81	94	99	15.7	179	46.71	623
5 Define SC/ Option + Distinct + MSO + 28%	12 oz / 1.5 oz + 2 oz + 1.5 pt + 1.5 qt	88	99	99	16.5	152	49.43	514
6 Define SC/ Laudis + MSO + 28%	12 oz / 3 oz + 1.5 pt + 3 pt	74	77	99	16.3	170		
7 Breakfree / New Resolve + Roundup Original Max + NIS + AMS	1 pt / 1.25 oz + 22 oz + 0.25% + 3 qt	98	97	99	16.6	192	51.00	660
8 Dual II Magnum/ Callisto + atrazine + COC + 28%N	1 qt / 3 oz + 16 oz + 1% + 2.5%	67	99	99	16.3	175	59.02	593
9 Harness / Roundup Weather Max + AMS	1.25 pt / 22 oz + 3 qt	99	95	99	15.7	189	47.83	660
10 Lumax / Touchdown Total + AMS	3 pt / 24 oz + 3 qt	98	98	99	15.8	202	52.76	704
11 Lumax / Liberty + AMS	3 pt / 24 oz + 3 qt	79	94	99	16.0	192	48.36	666
12 Surestart / Durango + AMS	1.75 pt / 24 oz + 3 qt	98	95	99	15.6	207	45.64	729
13 Outlook / Roundup Weather Max + Status + AMS	12 oz / 22 oz + 2.5 oz + 3 qt	98	99	99	15.8	209	53.17	734
14 Resolve + Atrazine / Roundup Original Max + NIS + AMS	1 oz + 24 oz / 22 oz + 0.25% + 3 qt	97	96	99	16.0	186	41.75	652
15 Breakfree / Impact + atrazine + MSO + 28%N	2 pt / 0.5 oz + 16 oz + 1% + 2.5%	91	93	99	16.1	190	48.52	660
16 Harness / Impact + atrazine + Roundup Weather Max + AMS	1.25 pt / 0.5 oz + 16 oz + 22 oz + 3 qt	99	99	99	15.6	204	58.24	705
<u>POST I (1" Weeds) / POST IV (4" weeds)</u>								
17 Roundup Weather Max + AMS / Roundup Weather Max + AMS	22 oz + 3 qt / 22 oz + 3 qt	99	99	99	15.7	198	45.24	696
<u>POST I (V2 corn)</u>								
18 SureStart + Durango + AMS	1.75 pt + 24 oz + 3 qt	94	89	99	15.5	197	38.64	699
19 Halex GT + atrazine + NIS + AMS	4 pt + 16 oz + 0.25% + 3 qt	85	99	99	15.7	194	43.16	682
<u>POST III (V3 corn)</u>								
20 Steadfast + Impact + atrazine + MSO + AMS	0.75 oz + 0.5 oz + 16 oz + 1% + 3 qt	96	90	99	15.5	198	39.62	705
21 Steadfast + Status + atrazine + MSO + AMS	0.75 oz + 2.5 oz + 16 oz + 1% + 3 qt	96	94	99	15.5	223	35.20	800
22 New Resolve + atrazine + Roundup Original Max + NIS + AMS	1.25 oz + 16 oz + 22 oz + 0.25% + 3 qt	90	97	99	16.0	214	35.77	761