

2007 Corn Herbicide Evaluation - Waseca
Tall waterhemp Site

Herbicide	Rate	Giant foxtail	Tall waterhemp	H2O (%)	Yield (bu/A)	Cost (\$/A)	Returns (\$/A)
<u>Preemergence</u>	(product/A)	(% control)					
1 Keystone LA + Hornet WDG	2.2 qt + 4oz	73	99	17.6	208	44.80	718
<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	84	99	17.7	211	47.29	725
3 Outlook / Status + NIS + AMS	21 oz / 5 oz + 0.25% + 3 qt	78	99	17.7	219	51.52	747
4 Define SC/ Liberty + atrazine + AMS	12 oz / 32 oz + 16 oz + 3.5 qt	83	99	17.4	191	46.71	653
5 Define SC/ Option + Distinct + MSO + 28%	12 oz / 1.5 oz + 2 oz + 1.5 pt + 1.5 qt	80	99	17.9	196	49.43	666
6 Define SC/ Laudis + MSO + 28%	12 oz / 3 oz + 1.5 pt + 3 pt	90	99	17.8	218		
7 Breakfree / New Resolve + Roundup Original Max + NIS + AMS	1 pt / 1.25 oz + 22 oz + 0.25% + 3 qt	97	96	17.9	221	51.00	755
8 Dual II Magnum/ Callisto + atrazine + COC + 28%N	1 qt / 3 oz + 16 oz + 1% + 2.5%	69	99	17.7	213	59.02	718
9 Harness / Roundup Weather Max + AMS	1.25 pt / 22 oz + 3 qt	96	93	17.4	217	47.83	749
10 Lumax / Touchdown Total + AMS	3 pt / 24 oz + 3 qt	96	97	17.7	221	52.76	754
11 Lumax / Liberty + AMS	3 pt / 24 oz + 3 qt	88	99	17.5	222	48.36	763
12 Surestart / Durango + AMS	1.75 pt / 24 oz + 3 qt	92	93	17.7	212	45.64	728
13 Outlook / Roundup Weather Max + Status + AMS	12 oz / 22 oz + 2.5 oz + 3 qt	95	93	17.8	220	53.17	749
14 Resolve + Atrazine / Roundup Original Max + NIS + AMS	1 oz + 24 oz / 22 oz + 0.25% + 3 qt	97	85	17.3	220	41.75	767
15 Breakfree / Impact + atrazine + MSO + 28%N	2 pt / 0.5 oz + 16 oz + 1% + 2.5%	96	99	17.5	208	48.52	712
16 Harness / Impact + atrazine + Roundup Weather Max + AMS	1.25 pt / 0.5 oz + 16 oz + 22 oz + 3 qt	98	99	17.3	218	58.24	742
<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	98	99	17.7	228	45.24	787
<u>POST I (V2 corn)</u>							
18 SureStart + Durango + AMS	1.75 pt + 24 oz + 3 qt	73	74	17.2	207	38.64	722
19 Halex GT + atrazine + NIS + AMS	4 pt + 16 oz + 0.25% + 3 qt	92	99	16.5	198	43.16	689
<u>POST III (V3 corn)</u>							
20 Steadfast + Impact + atrazine + MSO + AMS	0.75 oz + 0.5 oz + 16 oz + 1% + 3 qt	99	99	17.2	212	39.62	740
21 Steadfast + Status + atrazine + MSO + AMS	0.75 oz + 2.5 oz + 16 oz + 1% + 3 qt	74	99	17.3	206	35.20	719
22 New Resolve + atrazine + Roundup Original Max + NIS + AMS	1.25 oz + 16 oz + 22 oz + 0.25% + 3 qt	98	99	17.1	223	35.77	786