

2007 Corn Herbicide Evaluation - Rochester

Herbicide	Rate	Giant foxtail	Common lambsquarters	Tall waterhemp	Velvetleaf	H2O	Yield	Cost	Returns
<u>Preemergence</u>	(product/A)		(% control)			(%)	(bu/A)	(\$/A)	(\$/A)
1 Keystone LA + Hornet WDG	2.2 qt + 4oz	73	96	98	86	20.5	38	44.80	88
<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	89	99	99	87	21.3	91	47.29	269
3 Outlook / Status + NIS + AMS	21 oz / 5 oz + 0.25% + 3 qt	85	99	99	91	20.2	67	51.52	185
4 Define SC/ Liberty + atrazine + AMS	12 oz / 32 oz + 16 oz + 3.5 qt	92	97	94	84	21.4	84	46.71	246
5 Define SC/ Option + Distinct + MSO + 28%	12 oz / 1.5 oz + 2 oz + 1.5 pt + 1.5 qt	92	98	98	89	20.1	75	49.43	214
6 Define SC/ Laudis + MSO + 28%	12 oz / 3 oz + 1.5 pt + 3 pt	79	99	91	88	19.3	64		
7 Breakfree / New Resolve + Roundup Original Max + NIS + AMS	1 pt / 1.25 oz + 22 oz + 0.25% + 3 qt	95	96	99	85	20.3	81	51.00	236
8 Dual II Magnum/ Callisto + atrazine + COC + 28%N	1 qt / 3 oz + 16 oz + 1% + 2.5%	77	99	99	99	20.3	53	59.02	129
9 Harness / Roundup Weather Max + AMS	1.25 pt / 22 oz + 3 qt	93	82	99	84	20.6	86	47.83	253
10 Lumax / Touchdown Total + AMS	3 pt / 24 oz + 3 qt	96	99	99	97	18.6	87	52.76	258
11 Lumax / Liberty + AMS	3 pt / 24 oz + 3 qt	95	99	99	98	19.6	71	48.36	204
12 Surestart / Durango + AMS	1.75 pt / 24 oz + 3 qt	84	97	97	91	19.7	96	45.64	296
13 Outlook / Roundup Weather Max + Status + AMS	12 oz / 22 oz + 2.5 oz + 3 qt	95	97	98	90	20.3	72	53.17	201
14 Resolve + Atrazine / Roundup Original Max + NIS + AMS	1 oz + 24 oz / 22 oz + 0.25% + 3 qt	89	99	95	87	20.4	72	41.75	213
15 Breakfree / Impact + atrazine + MSO + 28%N	2 pt / 0.5 oz + 16 oz + 1% + 2.5%	88	97	97	90	20.4	70	48.52	197
16 Harness / Impact + atrazine + Roundup Weather Max + AMS	1.25 pt / 0.5 oz + 16 oz + 22 oz + 3 qt	95	98	99	96	20.8	61	58.24	158
<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	94	90	98	95	21.1	88	45.24	263
<u>POST I (V2 corn)</u>									
18 SureStart + Durango + AMS	1.75 pt + 24 oz + 3 qt	89	96	99	94	20.8	62	38.64	178
19 Halex GT + atrazine + NIS + AMS	4 pt + 16 oz + 0.25% + 3 qt	95	99	99	98	19.9	50	43.16	134
<u>POST III (V3 corn)</u>									
20 Steadfast + Impact + atrazine + MSO + AMS	0.75 oz + 0.5 oz + 16 oz + 1% + 3 qt	87	99	95	89	20.7	57	39.62	161
21 Steadfast + Status + atrazine + MSO + AMS	0.75 oz + 2.5 oz + 16 oz + 1% + 3 qt	79	99	93	88	21.2	62	35.20	181
22 New Resolve + atrazine + Roundup Original Max + NIS + AMS	1.25 oz + 16 oz + 22 oz + 0.25% + 3 qt	83	99	92	84	19.2	53	35.77	153