

2008 Corn Herbicide Evaluation - Waseca

Common cocklebur Site

Herbicide	Rate	Giant foxtail	Common cocklebur	Common ragweed	H2O	Yield	Cost	Returns
	(product/A)		(% control)		(%)	(bu/A)	(\$/A)	(\$/A)
<u>Preemergence</u>	5.6 oz	94	72	95	20.3	171	n/a	
<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	99	75	98	19.7	178	61.97	608
<u>Preemergence/POST III (V4 corn)</u>								
Balance Flexx / Laudis + MSO + 28%	3 oz / 3 oz + 1% + 1.5 qt	99	93	99	20.8	197	n/a	
Harness / Ignite + AMS	1.75 pt / 22 oz + 2 qt	99	88	99	19.7	188	45.60	663
Harness / Laudis + MSO + 28%	1.75 pt / 3 oz + 1% + 1.5 qt	98	91	99	19.9	186	50.34	647
Breakfree / Resolve Q + atrazine + Roundup PowerMax + AI	1 pt / 1.25 oz + 16 oz + 22 oz + 3 qt	98	90	94	19.5	190	54.57	662
Harness / Roundup WeatherMax + AMS	1.25 pt / 22 oz + 3 qt	99	93	97	20.4	178	49.37	615
Lumax / Touchdown Total + AMS	3 pt / 24 oz + 3 qt	98	92	97	19.3	200	56.20	698
SureStart / Durango + AMS	1.75 pt / 24 oz + 3 qt	99	98	99	18.5	195	47.27	697
SureStart / Durango + AMS	2 pt / 24 oz + 3 qt	99	91	95	19.2	192	49.20	679
SureStart + atrazine / Durango + AMS	2 pt + 2 pt / 24 oz + 3 qt	98	94	95	19.2	178	51.79	624
Outlook / Roundup WeatherMax + AMS	12 oz / 22 oz + 3 qt	98	98	96	18.4	197	51.13	702
Outlook / Roundup WeatherMax + Status + AMS	12 oz / 22 oz + 2.5 oz + 3 qt	98	90	96	20.6	191	54.47	663
Harness / Impact + atrazine + MSO + 28%	1.75 pt / 0.5 oz + 24 oz + 1% + 2.5%	99	97	97	20.1	193	49.81	670
Harness / Impact + atrazine + Roundup WeatherMax + AMS	1.25 pt / 0.5 oz + 16 oz + 22 oz + 3 qt	99	96	96	19.1	192	59.95	666
<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	18.2	195	50.60	695
<u>POST I (V2 corn)</u>								
SureStart + Durango + AMS	1.75 pt + 24 oz + 3 qt	97	91	92	19.1	191	40.27	682
Halex GT + atrazine + NIS + AMS	3.6 pt + 16 oz + 0.25% + 3 qt	99	94	99	20.4	192	42.27	672
<u>POST II (V3 corn)</u>								
Require Q + atrazine + Roundup PowerMax + AMS	4 oz + 16 oz + 22 oz + 3 qt	98	95	99	18.9	191	42.09	684
Resolve Q + Callisto + Roundup PowerMax + AMS	1.25 oz + 1 oz + 16 oz + 3 qt	98	98	92	18.8	192	39.80	690
Steadfast Q + Impact + atrazine + MSO + AMS	1.5 oz + 0.5 oz + 16 oz + 1% + 3 qt	95	93	89	20.1	173	n/a	
Resolve Q + atrazine + Roundup PowerMax + AMS	1.25 oz + 16 oz + 22 oz + 3 qt	98	97	92	18.9	194	38.59	698
<u>Checks</u>								
Weedy Check	-	0	0	0	19.0	153	0	580
Weed-Free Check	-	100	100	100	19.0	191	0	723
	LSD (0.10)	2	13	5	ns	20		71

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