

2008 Corn Herbicide Evaluation - Waseca

Tall waterhemp Site

Herbicide	Rate	Giant foxtail	Tall waterhemp	Common lambsquarters	Velvetleaf	H2O	Yield	Cost	Returns
	(product/A)			(% control)		(%)	(bu/A)	(\$/A)	(\$/A)
<u>Preemergence</u>	5.6 oz	81	84	89	96	19.8	175	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	97	98	99	98	21.1	202	61.97	682
<u>Preemergence/POST III (V4 corn)</u>									
Balance Flexx / Laudis + MSO + 28%	3 oz / 3 oz + 1% + 1.5 qt	92	94	99	98	20.5	186	n/a	
Harness / Ignite + AMS	1.75 pt / 22 oz + 2 qt	92	86	93	96	20.7	193	45.60	671
Harness / Laudis + MSO + 28%	1.75 pt / 3 oz + 1% + 1.5 qt	82	97	99	98	19.6	191	50.34	670
Breakfree / Resolve Q + atrazine + Roundup PowerMax + AI	1 pt / 1.25 oz + 16 oz + 22 oz + 3 qt	88	99	99	93	20.3	195	54.57	674
Harness / Roundup WeatherMax + AMS	1.25 pt / 22 oz + 3 qt	94	94	94	92	19.6	204	49.37	718
Lumax / Touchdown Total + AMS	3 pt / 24 oz + 3 qt	90	92	93	97	19.6	189	56.20	654
SureStart / Durango + AMS	1.75 pt / 24 oz + 3 qt	92	92	93	92	20.0	196	47.27	688
SureStart / Durango + AMS	2 pt / 24 oz + 3 qt	91	89	97	95	20.2	182	49.20	630
SureStart + atrazine / Durango + AMS	2 pt + 2 pt / 24 oz + 3 qt	92	95	97	92	19.8	193	51.79	675
Outlook / Roundup WeatherMax + AMS	12 oz / 22 oz + 3 qt	93	97	93	91	20.1	196	51.13	681
Outlook / Roundup WeatherMax + Status + AMS	12 oz / 22 oz + 2.5 oz + 3 qt	90	94	95	96	19.5	203	54.47	710
Harness / Impact + atrazine + MSO + 28%	1.75 pt / 0.5 oz + 24 oz + 1% + 2.5%	92	96	99	90	20.4	202	49.81	704
Harness / Impact + atrazine + Roundup WeatherMax + AMS	1.25 pt / 0.5 oz + 16 oz + 22 oz + 3 qt	91	97	97	97	19.8	188	59.95	645
<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	19.9	210	50.60	736
<u>POST I (V2 corn)</u>									
SureStart + Durango + AMS	1.75 pt + 24 oz + 3 qt	94	97	98	92	19.8	212	40.27	757
Halex GT + atrazine + NIS + AMS	3.6 pt + 16 oz + 0.25% + 3 qt	91	99	99	99	20.2	192	42.27	676
<u>POST II (V3 corn)</u>									
Require Q + atrazine + Roundup PowerMax + AMS	4 oz + 16 oz + 22 oz + 3 qt	91	95	99	96	20.7	196	42.09	686
Resolve Q + Callisto + Roundup PowerMax + AMS	1.25 oz + 1 oz + 16 oz + 3 qt	90	84	93	99	20.6	196	39.80	689
Steadfast Q + Impact + atrazine + MSO + AMS	1.5 oz + 0.5 oz + 16 oz + 1% + 3 qt	90	90	99	94	19.6	208	n/a	
Resolve Q + atrazine + Roundup PowerMax + AMS	1.25 oz + 16 oz + 22 oz + 3 qt	90	95	99	99	20.4	198	38.59	701
<u>Checks</u>									
Weedy Check	-	0	0	0	0	19.6	104	0	390
Weed-Free Check	-	100	100	100	100	21.0	195	0	724
	LSD (0.10)	5	8	5	8	ns	18		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