

**2014 Corn Herbicide Evaluation**  
Average across sites

Herbicide	Rate	PRE						FINAL					
		Foxtails	Corw	Colq	Vele	Girw	Tawh	Foxtails	Corw	Colq	Vele	Girw	Tawh
<u>Preemergence</u>	(product/A)	3	1	3	1	1	3	% Control					
1 Keystone LA NXT + Hornet Preemergence/POST III (V4 corn)	2 qt / 3 oz	99	86	99	99	91	99	98	74	95	81	86	98
2 Harness / Laudis + Clarity + Destiny HC + AMS	1.7 pt / 3 oz + 8 oz + 0.5% + 2 qt	99	85	93	99	13	99	98	95	98	95	89	98
3 Zemax / Halex GT + atarazine + NIS + AMS	1.5 qt / 3.6 pt + 1 pt + 0.25% + 3 qt	99	91	99	99	68	99	98	95	98	95	95	98
4 Corvus / Laudis + + Clarity + Roundup PowerMax + Destiny HC + AMS	5.6 oz / 3 oz + 32 oz + 0.5% + 2 qt	89	97	99	99	85	98	98	95	98	95	93	98
5 Breakfree / Realm Q + Abundit Extra+ NIS + AMS	1.5 pt / 4 oz + 32 oz + 0.25%+ 3qt	98	93	94	99	13	97	98	95	97	95	85	98
6 Breakfree / Realm Q + Abundit Extra+ NIS + AMS	2.5 pt / 4 oz + 32 oz + 0.25%+ 3qt	99	80	97	99	30	99	98	95	98	95	88	98
7 Breakfree ATZ Lite + Instigate / Abundit Extra + AMS	2 qt + 6 oz / 32 oz + 3qt	98	98	99	99	87	99	98	95	98	95	93	98
8 Harness / Roundup WeatherMax + AMS	1.25 pt / 32 oz + 3 qt	99	94	95	99	9	98	98	78	96	95	79	97
9 Zemax / Callisto GT + atrazine + NIS + AMS	1.5 qt / 2 pt + 1 pt + 0.25% + 3 qt	98	86	97	99	72	99	98	95	98	95	94	98
10 Dual II Magnum / Halex GT + Northstar + NIS + AMS	2 pt / 3.6 pt + 2.5 oz + 0.25% + 3 qt	99	45	86	99	0	88	98	95	98	95	90	98
11 SureStart / Durango + AMS	2 pt / 32 oz + 3 qt	96	84	98	94	87	98	98	95	97	95	86	98
12 SureStart / Durango + AMS	2.5 pt / 32 oz + 3 qt	99	89	97	99	86	99	98	95	98	95	88	98
13 Verdict / Armezon + Outlook +Roundup PowerMax + NIS + AMS	18 oz / 0.5 oz + 12 oz + 22 oz + 0.25% + 3 qt	99	96	97	99	92	99	98	95	98	95	95	98
14 Verdict / Roundup PowerMax + Status + NIS + AMS	16 oz / 32 oz + 2.5 oz + 0.25% + 3 qt	99	95	99	99	86	99	98	95	93	95	93	98
15 Anthem + Stanza / Roundup PowerMax + AMS	10 oz + 5 oz / 32 oz + 3 qt	91	81	97	93	90	96	98	95	98	95	91	98
16 Harness / Impact + Roundup PowerMax + Destiny HC + AMS POST I (V1 corn) / POST IV (V6 corn)	1.75 pt / 0.75 oz + 32 oz + 0.5% + 3 qt	98	84	92	99	25	99	98	95	97	95	84	97
17 Roundup WeatherMax + AMS / Roundup WeatherMax + AMS POST II (V3 corn) / Post III (V6 corn)	22 oz + 3 qt / 22 oz + 3 qt	56	91	57	96	91	57	97	95	93	95	91	96
18 Capreno + RoundupPowerMax + AMS / Laudis + Destiny HC + AMS POST II (2" - 4" weeds)	3 oz + 18 oz + 2 qt / 3 oz + 0.5% + 3 qt	0	0	0	0	0	0	96	95	98	95	93	98
19 Harness Extra + Impact + Roundup PowerMax + Destiny HC + AMS	2.4 pt + 0.75 oz + 32 oz + 0.5% + 3 qt	0	0	0	0	0	0	97	95	98	95	84	98
20 Solstice + Roundup PowerMax + NIS + AMS	3 oz + 32 oz + 0.25% + 3 qt	0	0	0	0	0	0	93	95	97	95	83	97
21 SureStart + Durango + AMS	2 pt + 32 oz + 3 qt	0	0	0	0	0	0	97	91	97	95	79	98
22 Realm Q + Abundit Extra + NIS + AMS	4 oz + 32 oz + 0.25% + 3 qt	0	0	0	0	0	0	91	95	96	95	80	97
<u>Checks</u>													
23 Weedy Check	-	0	0	0	0	0	0	0	0	0	0	0	0
24 Weed-Free Check	-	100	100	100	100	100	100	100	100	100	100	100	100
	LSD (0.10)	2	15	4	4	6	4	1	9	3	7	4	1

**2014 Corn Herbicide Evaluation  
Lamberton**

Herbicide	Rate	PRE			FINAL		
		Fxt. Spp.	Amaranth	Colq	Fxt. Spp.	Amaranth	Colq
<u>Preemergence</u>	(product/A)			% Control			
1 Keystone LA NXT + Hornet	2 qt / 3 oz	99	99	99	99	99	99
<u>Preemergence/POST III (V4 corn)</u>							
2 Harness / Laudis + Clarity + Destiny HC + AMS	1.7 pt / 3 oz + 8 oz + 0.5% + 2 qt	99	99	82	99	99	99
3 Zemax / Halex GT + atarazine + NIS + AMS	1.5 qt / 3.6 pt + 1 pt + 0.25% + 3 qt	99	99	99	99	99	99
4 Corvus / Laudis + + Clarity + Roundup PowerMax + Destiny HC + AMS	5.6 oz / 3 oz + 32 oz + 0.5% + 2 qt	68	97	99	99	99	99
5 Breakfree / Realm Q + Abundit Extra+ NIS + AMS	1.5 pt / 4 oz + 32 oz + 0.25%+ 3qt	95	92	85	99	99	99
6 Breakfree / Realm Q + Abundit Extra+ NIS + AMS	2.5 pt / 4 oz + 32 oz + 0.25%+ 3qt	99	99	92	99	99	99
7 Breakfree ATZ Lite + Instigate / Abundit Extra + AMS	2 qt + 6 oz / 32 oz + 3qt	97	99	99	99	99	99
8 Harness / Roundup WeatherMax + AMS	1.25 pt / 32 oz + 3 qt	99	97	86	99	99	99
9 Zemax / Callisto GT + atrazine + NIS + AMS	1.5 qt / 2 pt + 1 pt + 0.25% + 3 qt	96	98	92	99	99	99
10 Dual II Magnum / Halex GT + Northstar + NIS + AMS	2 pt / 3.6 pt + 2.5 oz + 0.25% + 3 qt	98	69	65	99	99	99
11 SureStart / Durango + AMS	2 pt / 32 oz + 3 qt	90	97	97	99	99	99
12 SureStart / Durango + AMS	2.5 pt / 32 oz + 3 qt	98	99	94	99	99	99
13 Verdict / Armezon + Outlook +Roundup PowerMax + NIS + AMS	18 oz / 0.5 oz + 12 oz + 22 oz + 0.25% + 3 qt	99	99	93	99	99	99
14 Verdict / Roundup PowerMax + Status + NIS + AMS	16 oz / 32 oz + 2.5 oz + 0.25% + 3 qt	99	99	99	99	99	99
15 Anthem + Stanza / Roundup PowerMax + AMS	10 oz + 5 oz / 32 oz + 3 qt	83	97	99	99	99	99
16 Harness / Impact + Roundup PowerMax + Destiny HC + AMS	1.75 pt / 0.75 oz + 32 oz + 0.5% + 3 qt	97	99	85	99	99	99
<u>POST I (V1 corn) / POST IV (V6 corn)</u>							
17 Roundup WeatherMax + AMS / Roundup WeatherMax + AMS	22 oz + 3 qt / 22 oz + 3 qt	0	0	0	99	99	99
<u>POST II (V3 corn) / Post III (V6 corn)</u>							
18 Capreno + RoundupPowerMax + AMS / Laudis + Destiny HC + AMS	3 oz + 18 oz + 2 qt / 3 oz + 0.5% + 3 qt	0	0	0	99	99	99
<u>POST II (2" - 4" weeds)</u>							
19 Harness Extra + Impact + Roundup PowerMax + Destiny HC + AMS	2.4 pt + 0.75 oz + 32 oz + 0.5% + 3 qt	0	0	0	99	99	99
20 Solstice + Roundup PowerMax + NIS + AMS	3 oz + 32 oz + 0.25% + 3 qt	0	0	0	99	99	99
21 SureStart + Durango + AMS	2 pt + 32 oz + 3 qt	0	0	0	99	99	99
22 Realm Q + Abundit Extra + NIS + AMS	4 oz + 32 oz + 0.25% + 3 qt	0	0	0	99	99	99
<u>Checks</u>							
23 Weedy Check	-	0	0	0	0	0	0
24 Weed-Free Check	-	99	99	99	99	99	99
	LSD (0.10)	6	11	13	1	1	1

**2014 Corn Herbicide Evaluation  
Rochester**

Herbicide	Rate	PRE				FINAL			
		Fxt. Spp.	Tawh	Colq	Girw	Fxt. Spp.	Tawh	Colq	Girw
<u>Preemergence</u>	(product/A)	% Control							
1 Keystone LA NXT + Hornet	2 qt / 3 oz	99	99	99	91	99	99	99	86
<u>Preemergence/POST III (V4 corn)</u>									
2 Harness / Laudis + Clarity + Destiny HC + AMS	1.7 pt / 3 oz + 8 oz + 0.5% + 2 qt	99	99	99	13	99	99	99	89
3 Zemax / Halex GT + atarazine + NIS + AMS	1.5 qt / 3.6 pt + 1 pt + 0.25% + 3 qt	99	99	99	68	99	99	99	95
4 Corvus / Laudis + + Clarity + Roundup PowerMax + Destiny HC + AMS	5.6 oz / 3 oz + 32 oz + 0.5% + 2 qt	99	99	99	85	99	99	99	93
5 Breakfree / Realm Q + Abundit Extra+ NIS + AMS	1.5 pt / 4 oz + 32 oz + 0.25%+ 3qt	99	99	99	13	99	99	99	85
6 Breakfree / Realm Q + Abundit Extra+ NIS + AMS	2.5 pt / 4 oz + 32 oz + 0.25%+ 3qt	99	99	99	30	99	99	99	88
7 Breakfree ATZ Lite + Instigate / Abundit Extra + AMS	2 qt + 6 oz / 32 oz + 3qt	99	99	99	87	99	99	99	93
8 Harness / Roundup WeatherMax + AMS	1.25 pt / 32 oz + 3 qt	99	99	99	9	99	96	94	79
9 Zemax / Callisto GT + atrazine + NIS + AMS	1.5 qt / 2 pt + 1 pt + 0.25% + 3 qt	99	99	99	72	99	99	99	94
10 Dual II Magnum / Halex GT + Northstar + NIS + AMS	2 pt / 3.6 pt + 2.5 oz + 0.25% + 3 qt	99	98	95	0	99	99	99	90
11 SureStart / Durango + AMS	2 pt / 32 oz + 3 qt	99	99	99	87	99	99	98	86
12 SureStart / Durango + AMS	2.5 pt / 32 oz + 3 qt	99	99	99	86	99	99	99	88
13 Verdict / Armezon + Outlook +Roundup PowerMax + NIS + AMS	18 oz / 0.5 oz + 12 oz + 22 oz + 0.25% + 3 qt	99	99	99	92	99	99	99	95
14 Verdict / Roundup PowerMax + Status + NIS + AMS	16 oz / 32 oz + 2.5 oz + 0.25% + 3 qt	99	99	99	86	99	99	99	93
15 Anthem + Stanza / Roundup PowerMax + AMS	10 oz + 5 oz / 32 oz + 3 qt	99	99	99	90	99	99	99	91
16 Harness / Impact + Roundup PowerMax + Destiny HC + AMS	1.75 pt / 0.75 oz + 32 oz + 0.5% + 3 qt	99	99	99	25	99	96	96	84
<u>POST I (V1 corn) / POST IV (V6 corn)</u>									
17 Roundup WeatherMax + AMS / Roundup WeatherMax + AMS	22 oz + 3 qt / 22 oz + 3 qt	75	75	75	91	98	94	92	91
<u>POST II (V3 corn) / Post III (V6 corn)</u>									
18 Capreno + RoundupPowerMax + AMS / Laudis + Destiny HC + AMS	3 oz + 18 oz + 2 qt / 3 oz + 0.5% + 3 qt	0	0	0	0	93	99	99	93
<u>POST II (2" - 4" weeds)</u>									
19 Harness Extra + Impact + Roundup PowerMax + Destiny HC + AMS	2.4 pt + 0.75 oz + 32 oz + 0.5% + 3 qt	0	0	0	0	96	99	99	84
20 Solstice + Roundup PowerMax + NIS + AMS	3 oz + 32 oz + 0.25% + 3 qt	0	0	0	0	87	98	97	83
21 SureStart + Durango + AMS	2 pt + 32 oz + 3 qt	0	0	0	0	98	99	98	79
22 Realm Q + Abundit Extra + NIS + AMS	4 oz + 32 oz + 0.25% + 3 qt	0	0	0	0	90	97	94	80
<u>Checks</u>									
23 Weedy Check	-	0	0	0	0	0	0	0	0
24 Weed-Free Check	-	100	100	100	100	100	100	100	100
	LSD (0.10)	1	1	1	6	3	2	3	4

**2014 Corn Herbicide Evaluation  
Common Ragweed Site - Waseca**

Herbicide	Rate	PRE					FINAL				
		Gift	Corw	Colq	Vele	Amaranth	Gift	Corw	Colq	Vele	Amaranth
<u>Preemergence</u>	(product/A)						% Control				
1 Keystone LA NXT + Hornet <u>Preemergence/POST III (V4 corn)</u>	2 qt / 3 oz	99	86	98	99	99	95	74	88	81	95
2 Harness / Laudis + Clarity + Destiny HC + AMS	1.7 pt / 3 oz + 8 oz + 0.5% + 2 qt	99	85	99	99	99	95	95	95	95	95
3 Zemax / Halex GT + atarazine + NIS + AMS	1.5 qt / 3.6 pt + 1 pt + 0.25% + 3 qt	99	91	99	99	99	95	95	95	95	95
4 Corvus / Laudis + + Clarity + Roundup PowerMax + Destiny HC + AMS	5.6 oz / 3 oz + 32 oz + 0.5% + 2 qt	99	97	99	99	99	95	95	95	95	95
5 Breakfree / Realm Q + Abundit Extra+ NIS + AMS	1.5 pt / 4 oz + 32 oz + 0.25%+ 3qt	99	93	99	99	99	95	95	93	95	95
6 Breakfree / Realm Q + Abundit Extra+ NIS + AMS	2.5 pt / 4 oz + 32 oz + 0.25%+ 3qt	99	80	99	99	99	95	95	95	95	95
7 Breakfree ATZ Lite + Instigate / Abundit Extra + AMS	2 qt + 6 oz / 32 oz + 3qt	99	98	99	99	99	95	95	95	95	95
8 Harness / Roundup WeatherMax + AMS	1.25 pt / 32 oz + 3 qt	99	94	99	99	99	95	78	95	95	95
9 Zemax / Callisto GT + atrazine + NIS + AMS	1.5 qt / 2 pt + 1 pt + 0.25% + 3 qt	99	86	99	99	99	95	95	95	95	95
10 Dual II Magnum / Halex GT + Northstar + NIS + AMS	2 pt / 3.6 pt + 2.5 oz + 0.25% + 3 qt	99	45	99	99	99	95	95	95	95	95
11 SureStart / Durango + AMS	2 pt / 32 oz + 3 qt	99	84	99	94	99	95	95	95	95	95
12 SureStart / Durango + AMS	2.5 pt / 32 oz + 3 qt	99	89	99	99	99	95	95	95	95	95
13 Verdict / Armezon + Outlook +Roundup PowerMax + NIS + AMS	18 oz / 0.5 oz + 12 oz + 22 oz + 0.25% + 3 qt	99	96	99	99	99	95	95	95	95	95
14 Verdict / Roundup PowerMax + Status + NIS + AMS	16 oz / 32 oz + 2.5 oz + 0.25% + 3 qt	99	95	99	99	99	95	95	95	95	95
15 Anthem + Stanza / Roundup PowerMax + AMS	10 oz + 5 oz / 32 oz + 3 qt	91	81	93	93	93	95	95	95	95	95
16 Harness / Impact + Roundup PowerMax + Destiny HC + AMS <u>POST I (V1 corn) / POST IV (V6 corn)</u>	1.75 pt / 0.75 oz + 32 oz + 0.5% + 3 qt	99	84	93	99	99	95	95	95	95	95
17 Roundup WeatherMax + AMS / Roundup WeatherMax + AMS <u>POST II (V3 corn) / Post III (V6 corn)</u>	22 oz + 3 qt / 22 oz + 3 qt	94	91	96	96	97	95	95	88	95	95
18 Capreno + RoundupPowerMax + AMS / Laudis + Destiny HC + AMS <u>POST II (2" - 4" weeds)</u>	3 oz + 18 oz + 2 qt / 3 oz + 0.5% + 3 qt	0	0	0	0	0	95	95	95	95	95
19 Harness Extra + Impact + Roundup PowerMax + Destiny HC + AMS	2.4 pt + 0.75 oz + 32 oz + 0.5% + 3 qt	0	0	0	0	0	95	95	95	95	95
20 Solstice + Roundup PowerMax + NIS + AMS	3 oz + 32 oz + 0.25% + 3 qt	0	0	0	0	0	93	95	95	95	95
21 SureStart + Durango + AMS	2 pt + 32 oz + 3 qt	0	0	0	0	0	95	91	95	95	95
22 Realm Q + Abundit Extra + NIS + AMS <u>Checks</u>	4 oz + 32 oz + 0.25% + 3 qt	0	0	0	0	0	85	95	95	95	95
23 Weedy Check	-	0	0	0	0	0	0	0	0	0	0
24 Weed-Free Check	-	100	100	100	100	100	100	100	100	100	100
	LSD (0.10)	3	15	4	4	2	3	9	5	7	1