

2015 Corn Herbicide Evaluation  
Average across locations

Herbicide	Rate	Grass	Corw	Pre	Amar sp	Colq	Final					Yield	Returns
		3	1	Girw	3	3	3	Corw	Girw	Amar sp	Colq		
<u>Preemergence</u>	(product/A)	% Control										Bu/A	\$/A
1 Acuron	3 pt (1/2 label rate)	90	94	93	98	97	66	99	92	99	99	183	607
<u>Preemergence/POST III (4" weeds)</u>													
2 Harness / Diflexx + Roundup PowerMax + Destiny HC + AMS	1.25 pt / 10 oz + 28 oz + 0.5% + 2 qt	94	71	24	97	95	91	99	92	99	97	187	555
3 Corvus / Liberty + atrazine + AMS	5.6 oz / 22 oz + 16 oz + 2 qt	91	95	93	98	98	96	99	98	99	99	190	561
4 Harness / Diflexx Duo + Roundup PowerMax + Destiny HC + AMS	1.25 pt / 32 oz + 28 oz + 0.5% + 2 qt	95	80	29	97	93	94	99	97	99	99	188	n/a
5 Breakfree / Realm Q + Abundit Extra+ NIS + AMS	2 pt / 4 oz + 32 oz + 0.25%+ 3qt	95	86	39	98	96	94	96	96	99	99	197	592
6 Breakfree NXT Lite / Instigate + Abundit Extra+ NIS + AMS	1.75 qt / 6 oz + 32 oz + 3qt	95	93	95	98	98	90	99	98	99	99	193	587
7 Harness / Roundup PowerMax + Status + AMS	2.25 pt / 32 oz + 5 oz + 3 qt	96	94	48	98	93	94	99	95	99	98	194	563
8 TripleFlex II / Impact + Roundup PowerMax + Destiny HC + AMS	2 pt / 0.75 oz + 32 oz + 0.5 % + 3 qt	96	95	90	98	97	92	99	95	99	99	204	607
9 Dual II Magnum / Halex GT + Northstar + NIS + AMS	2 pt / 3.6 pt + 3 oz + 0.25% + 3 qt	94	79	18	98	85	98	99	98	99	99	199	578
10 Resicore / Durango + AMS	3 qt / 32 oz + 3 qt	96	95	97	98	98	93	99	99	99	99	192	n/a
11 Resicore / Resicore + Durango + AMS	1.5 qt / 1.25 qt + 32 oz + 3 qt	95	95	93	98	98	98	99	99	99	99	186	n/a
12 SureStart II / Durango + AMS	2 pt / 32 oz + 3 qt	94	94	90	98	96	91	98	94	99	99	191	598
13 SureStart II / Durango + AMS	2.5 pt / 32 oz + 3 qt	96	95	94	98	98	91	99	92	99	99	182	554
14 Verdict / Armezon + Outlook + Roundup PowerMax + NIS + AMS	18 oz / 0.5 oz + 12 oz + 22 oz + 0.25% + 3 qt	94	95	97	98	97	99	99	98	99	99	190	548
15 Verdict / Roundup PowerMax + Status + NIS + AMS	16 oz / 32 oz + 5 oz + 0.25% + 3 qt	94	95	95	98	97	93	99	98	99	98	185	537
16 Anthem / Roundup PowerMax + Solstice + AMS	8 oz / 32 oz + 3 oz + 3 qt	92	80	18	98	94	95	99	97	99	99	191	554
17 Harness / Impact + Roundup PowerMax + Destiny HC + AMS	2.25 pt / 0.75 oz + 32 oz + 0.5% + 3 qt	96	90	41	98	94	94	99	94	99	99	199	577
<u>POST I (1" weeds) / POST III (4" weeds)</u>													
18 Capreno + atrazine + Superb HC + AMS / Liberty + AMS	3 oz + 16 oz +0.5% + 2 qt / 22 oz + 2 qt	0	0	0	0	0	94	99	98	99	99	189	577
<u>POST II (2" weeds)</u>			0										
19 Acuron + Touchdown Total + AMS	3 pt + 30 oz + 3 qt	0	0	0	0	0	89	99	99	99	99	193	596
20 Solstice + Anthem + Roundup PowerMax + NIS + AMS	2.5 oz + 4.25 oz + 32 oz + 0.25% + 3 qt	0	0	0	0	0	88	97	98	99	99	188	575
21 SureStart + Durango + AMS	2 pt + 32 oz + 3 qt	0	0	0	0	0	87	99	94	99	99	194	602
22 Realm Q + Abundit Extra + NIS + AMS	4 oz + 32 oz + 0.25% + 3 qt	0	0	0	0	0	72	95	95	99	99	190	591
<u>Checks</u>													
23 Weedy Check	-	0	0	0	0	0	0	0	0	0	0	79	266
24 Weed-Free Check	-	100	100	100	100	100	100	100	100	100	100	197	679
	LSD (0.10)	2	7	5	1	3	4	2	4	1	1	12	39

2015 Corn Herbicide Evaluation  
Lamberton

Herbicide	Rate	Yeft	Pre Tahw	Colq	Yeft	Final Tahw	Colq	Yield	Returns
<u>Preemergence</u>	(product/A)			% Control				Bu/A	\$/A
1 Acuron	3 pt (1/2 label rate)	81	99	96	18	99	99	229	737
<u>Preemergence/POST III (4" weeds)</u>									
2 Harness / Diflexx + Roundup PowerMax + Destiny HC + AMS	1.25 pt / 10 oz + 28 oz + 0.5% + 2 qt	90	97	92	81	99	99	225	682
3 Corvus / Liberty + atrazine + AMS	5.6 oz / 22 oz + 16 oz + 2 qt	78	99	99	96	99	99	220	668
4 Harness / Diflexx Duo + Roundup PowerMax + Destiny HC + AMS	1.25 pt / 32 oz + 28 oz + 0.5% + 2 qt	91	98	88	88	99	99	225	
5 Breakfree / Realm Q + Abundit Extra+ NIS + AMS	2 pt / 4 oz + 32 oz + 0.25%+ 3qt	91	99	93	88	99	99	232	710
6 Breakfree NXT Lite / Instigate + Abundit Extra+ NIS + AMS	1.75 qt / 6 oz + 32 oz + 3qt	95	99	99	76	99	99	230	712
7 Harness / Roundup PowerMax + Status + AMS	2.25 pt / 32 oz + 5 oz + 3 qt	94	99	84	86	99	99	228	678
8 TripleFlex II / Impact + Roundup PowerMax + Destiny HC + AMS	2 pt / 0.75 oz + 32 oz + 0.5 % + 3 qt	93	99	96	80	99	99	232	701
9 Dual II Magnum / Halex GT + Northstar + NIS + AMS	2 pt / 3.6 pt + 3 oz + 0.25% + 3 qt	88	99	75	96	99	99	236	703
10 Resicore / Durango + AMS	3 qt / 32 oz + 3 qt	95	99	99	83	99	99	226	
11 Resicore / Resicore + Durango + AMS	1.5 qt / 1.25 qt + 32 oz + 3 qt	92	99	99	97	99	99	228	
12 SureStart II / Durango + AMS	2 pt / 32 oz + 3 qt	91	99	96	83	99	99	239	743
13 SureStart II / Durango + AMS	2.5 pt / 32 oz + 3 qt	94	99	99	80	99	98	234	721
14 Verdict / Armezon + Outlook + Roundup PowerMax + NIS + AMS	18 oz / 0.5 oz + 12 oz + 22 oz + 0.25% + 3 qt	89	99	97	98	99	99	235	700
15 Verdict / Roundup PowerMax + Status + NIS + AMS	16 oz / 32 oz + 5 oz + 0.25% + 3 qt	88	99	98	85	99	99	234	701
16 Anthem / Roundup PowerMax + Solstice + AMS	8 oz / 32 oz + 3 oz + 3 qt	83	99	92	91	99	99	235	714
17 Harness / Impact + Roundup PowerMax + Destiny HC + AMS	2.25 pt / 0.75 oz + 32 oz + 0.5% + 3 qt	93	99	88	86	99	99	243	725
<u>POST I (1" weeds) / POST III (4" weeds)</u>									
18 Capreno + atrazine + Superb HC + AMS / Liberty + AMS	3 oz + 16 oz +0.5% + 2 qt / 22 oz + 2 qt	0	0	0	97	99	98	234	729
<u>POST II (2" weeds)</u>									
19 Acuron + Touchdown Total + AMS	3 pt + 30 oz + 3 qt	0	0	0	73	99	99	226	706
20 Solstice + Anthem + Roundup PowerMax + NIS + AMS	2.5 oz + 4.25 oz + 32 oz + 0.25% + 3 qt	0	0	0	71	99	99	236	737
21 SureStart + Durango + AMS	2 pt + 32 oz + 3 qt	0	0	0	73	99	99	228	713
22 Realm Q + Abundit Extra + NIS + AMS	4 oz + 32 oz + 0.25% + 3 qt	0	0	0	39	99	99	217	681
<u>Checks</u>									
23 Weedy Check	-	0	0	0	0	0	0	128	432
24 Weed-Free Check	-	100	100	100	100	100	100	229	771
	LSD (0.10)	5	1	8	12	1	1	14	46

2015 Corn Herbicide Evaluation  
Rochester

Herbicide	Rate	Grs	Pre			Final				Yield	Returns
			Girw	Colq	Tawh	Grs	Girw	Colq	Tawh		
<u>Preemergence</u>	(product/A)										
						% Control				Bu/A	\$/A
1 Acuron	3 pt (1/2 label rate)	99	93	99	99	97	92	99	99	174	560
<u>Preemergence/POST III (4" weeds)</u>											
2 Harness / Diflexx + Roundup PowerMax + Destiny HC + AMS	1.25 pt / 10 oz + 28 oz + 0.5% + 2 qt	99	24	99	99	93	92	94	99	191	571
3 Corvus / Liberty + atrazine + AMS	5.6 oz / 22 oz + 16 oz + 2 qt	99	93	99	99	94	98	99	99	193	583
4 Harness / Diflexx Duo + Roundup PowerMax + Destiny HC + AMS	1.25 pt / 32 oz + 28 oz + 0.5% + 2 qt	99	29	98	99	95	97	98	99	194	
5 Breakfree / Realm Q + Abundit Extra+ NIS + AMS	2 pt / 4 oz + 32 oz + 0.25%+ 3qt	99	39	99	99	95	96	99	99	190	573
6 Breakfree NXT Lite / Instigate + Abundit Extra+ NIS + AMS	1.75 qt / 6 oz + 32 oz + 3qt	99	95	99	99	97	98	99	99	190	581
7 Harness / Roundup PowerMax + Status + AMS	2.25 pt / 32 oz + 5 oz + 3 qt	99	48	99	99	96	95	96	99	179	519
8 TripleFlex II / Impact + Roundup PowerMax + Destiny HC + AMS	2 pt / 0.75 oz + 32 oz + 0.5 % + 3 qt	99	90	99	99	96	95	98	99	208	628
9 Dual II Magnum / Halex GT + Northstar + NIS + AMS	2 pt / 3.6 pt + 3 oz + 0.25% + 3 qt	99	18	96	99	99	98	99	99	194	569
10 Resicore / Durango + AMS	3 qt / 32 oz + 3 qt	99	97	99	99	97	99	99	99	180	
11 Resicore / Resicore + Durango + AMS	1.5 qt / 1.25 qt + 32 oz + 3 qt	99	93	99	99	99	99	99	99	175	
12 SureStart II / Durango + AMS	2 pt / 32 oz + 3 qt	99	90	99	99	93	94	98	99	191	589
13 SureStart II / Durango + AMS	2.5 pt / 32 oz + 3 qt	99	94	99	99	94	92	99	99	153	457
14 Verdict / Armezon + Outlook + Roundup PowerMax + NIS + AMS	18 oz / 0.5 oz + 12 oz + 22 oz + 0.25% + 3 qt	99	97	99	99	99	98	99	99	166	473
15 Verdict / Roundup PowerMax + Status + NIS + AMS	16 oz / 32 oz + 5 oz + 0.25% + 3 qt	99	95	99	99	95	98	97	99	159	456
16 Anthem / Roundup PowerMax + Solstice + AMS	8 oz / 32 oz + 3 oz + 3 qt	98	18	98	99	97	97	99	99	174	516
17 Harness / Impact + Roundup PowerMax + Destiny HC + AMS	2.25 pt / 0.75 oz + 32 oz + 0.5% + 3 qt	99	41	99	99	97	94	99	99	181	522
<u>POST I (1" weeds) / POST III (4" weeds)</u>											
18 Capreno + atrazine + Superb HC + AMS / Liberty + AMS	3 oz + 16 oz +0.5% + 2 qt / 22 oz + 2 qt	0	0	0	0	88	98	99	99	170	519
<u>POST II (2" weeds)</u>											
19 Acuron + Touchdown Total + AMS	3 pt + 30 oz + 3 qt	0	0	0	0	96	99	99	99	179	551
20 Solstice + Anthem + Roundup PowerMax + NIS + AMS	2.5 oz + 4.25 oz + 32 oz + 0.25% + 3 qt	0	0	0	0	95	98	99	99	164	503
21 SureStart + Durango + AMS	2 pt + 32 oz + 3 qt	0	0	0	0	90	94	98	99	182	566
22 Realm Q + Abundit Extra + NIS + AMS	4 oz + 32 oz + 0.25% + 3 qt	0	0	0	0	84	95	99	99	172	533
<u>Checks</u>											
23 Weedy Check	-	0	0	0	0	0	0	0	0	6	19
24 Weed-Free Check	-	100	100	100	100	100	100	100	100	187	635
	LSD (0.10)	1	5	1	1	4	4	1	1	19	67

2015 Corn Herbicide Evaluation  
Common Ragweed Site

Herbicide	Rate	Gift	Corw	Pre Colq	Vele	Rrpw	Gift	Corw	Final Colq	Vele	Rrpw	Yield	Returns
<u>Preemergence</u>	(product/A)					% Control						Bu/A	\$/A
1 Acuron	3 pt (1/2 label rate)	89	94	95	92	95	83	99	99	99	99	145	448
<u>Preemergence/POST III (4" weeds)</u>													
2 Harness / Diflexx + Roundup PowerMax + Destiny HC + AMS	1.25 pt / 10 oz + 28 oz + 0.5% + 2 qt	94	71	95	68	95	98	99	99	99	99	146	413
3 Corvus / Liberty + atrazine + AMS	5.6 oz / 22 oz + 16 oz + 2 qt	95	95	95	95	95	99	99	99	99	99	158	453
4 Harness / Diflexx Duo + Roundup PowerMax + Destiny HC + AMS	1.25 pt / 32 oz + 28 oz + 0.5% + 2 qt	95	80	91	76	95	99	99	99	99	99	144	n/a
5 Breakfree / Realm Q + Abundit Extra+ NIS + AMS	2 pt / 4 oz + 32 oz + 0.25%+ 3qt	95	86	95	69	95	99	96	99	99	99	170	493
6 Breakfree NXT Lite / Instigate + Abundit Extra+ NIS + AMS	1.75 qt / 6 oz + 32 oz + 3qt	92	93	95	91	95	98	99	99	99	99	159	467
7 Harness / Roundup PowerMax + Status + AMS	2.25 pt / 32 oz + 5 oz + 3 qt	95	94	95	90	95	99	99	99	98	99	174	492
8 TripleFlex II / Impact + Roundup PowerMax + Destiny HC + AMS	2 pt / 0.75 oz + 32 oz + 0.5 % + 3 qt	94	95	95	86	95	99	99	99	99	99	172	494
9 Dual II Magnum / Halex GT + Northstar + NIS + AMS	2 pt / 3.6 pt + 3 oz + 0.25% + 3 qt	94	79	85	76	95	99	99	99	99	99	166	461
10 Resicore / Durango + AMS	3 qt / 32 oz + 3 qt	95	95	95	95	95	99	99	99	99	99	171	n/a
11 Resicore / Resicore + Durango + AMS	1.5 qt / 1.25 qt + 32 oz + 3 qt	93	95	95	93	95	99	99	99	99	99	155	n/a
12 SureStart II / Durango + AMS	2 pt / 32 oz + 3 qt	92	94	94	94	95	99	98	99	99	99	143	417
13 SureStart II / Durango + AMS	2.5 pt / 32 oz + 3 qt	94	95	95	89	95	99	99	99	99	99	158	460
14 Verdict / Armezon + Outlook + Roundup PowerMax + NIS + AMS	18 oz / 0.5 oz + 12 oz + 22 oz + 0.25% + 3 qt	95	95	95	95	95	99	99	99	99	99	169	473
15 Verdict / Roundup PowerMax + Status + NIS + AMS	16 oz / 32 oz + 5 oz + 0.25% + 3 qt	94	95	95	95	95	99	99	99	99	99	163	456
16 Anthem / Roundup PowerMax + Solstice + AMS	8 oz / 32 oz + 3 oz + 3 qt	95	80	91	90	95	99	99	99	99	99	163	468
17 Harness / Impact + Roundup PowerMax + Destiny HC + AMS	2.25 pt / 0.75 oz + 32 oz + 0.5% + 3 qt	95	90	95	75	95	99	99	99	99	99	173	484
<u>POST I (1" weeds) / POST III (4" weeds)</u>													
18 Capreno + atrazine + Superb HC + AMS / Liberty + AMS	3 oz + 16 oz +0.5% + 2 qt / 22 oz + 2 qt	0	0	0	0	0	98	99	99	99	99	163	483
<u>POST II (2" weeds)</u>													
19 Acuron + Touchdown Total + AMS	3 pt + 30 oz + 3 qt	0	0	0	0	0	98	99	99	99	99	176	532
20 Solstice + Anthem + Roundup PowerMax + NIS + AMS	2.5 oz + 4.25 oz + 32 oz + 0.25% + 3 qt	0	0	0	0	0	98	97	99	99	99	163	487
21 SureStart + Durango + AMS	2 pt + 32 oz + 3 qt	0	0	0	0	0	99	99	99	99	99	174	527
22 Realm Q + Abundit Extra + NIS + AMS	4 oz + 32 oz + 0.25% + 3 qt	0	0	0	0	0	93	95	99	99	99	183	559
<u>Checks</u>													
23 Weedy Check	-	0	0	0	0	0	0	0	0	0	0	104	347
24 Weed-Free Check	-	100	100	100	100	100	100	100	100	100	100	173	585
	LSD (0.10)	2	7	4	9	1	2	2	1	1	1	28	87