

2013 Corn Herbicide Evaluation
 Combined data from Lamberton, Rochester and Waseca, MN

Herbicide	Rate	Pre Rating just before POST treatment							Final late summer/fall rating							Yield	Cost	3 Returns	S.E Returns	
		3 Foxtails	1 Corw	2 Tawh	3 Colq	1 Girw	1 Vele	1 Rrpw	3 Gift	1 Corw	3 Colq	1 Girw	1 Vele	2 Tawh	1 Rrpw					
<u>Preemergence/POST III (V4 corn)</u>		(product/A)							% Control							Bu/A	\$/A			
1	Zemax / Halex GT + NIS + AMS	1 qt / 3.6 pt + 0.25% + 3 qt	86	84	100	94	66	93	95	99	98	99	99	99	100	99	176	71.51	764	38.6
2	Harness / Laudis + Destiny HC + AMS	1.75 pt / 3 oz + 0.5% + 2 qt	83	74	100	88	60	68	94	97	99	99	99	100	99	183	61.30	811	38.6	
3	Corvus / Laudis + Roundup PowerMax + Destiny HC + AMS*	5.6 oz / 3 oz + 32 oz + 0.5% + 2 qt	87	79	100	94	86	83	95	98	99	99	99	100	99	182*	89.77	775	33.6	
4	Breakfree / Realm Q + Abundit Extra+ NIS + AMS	1.5 pt / 4 oz + 32 oz + 0.25%+ 3qt	96	69	99	87	61	88	94	98	99	99	98	99	100	99	178	66.43	780	42.5
5	Breakfree / Realm Q + Abundit Extra+ NIS + AMS	2.5 pt / 4 oz + 32 oz + 0.25%+ 3qt	92	83	100	85	66	88	94	99	99	99	97	99	100	99	175	73.13	757	41.2
6	Instigate + Breakfree ATZ Lite / Abundit Extra + AMS	5.25 oz +1.5 qt / 32 oz + 3qt	87	94	87	89	92	91	95	98	99	99	98	99	100	99	177	64.25	777	36.8
7	Harness / Roundup WeatherMax + AMS	1.25 pt / 32 oz + 3 qt	90	85	100	94	61	93	95	96	99	98	95	99	99	99	175	54.90	776	42.9
8	Zemax / Touchdown Total + AMS	1.6 qt / 28 oz + 3 qt	92	88	100	95	79	88	95	99	99	99	94	99	99	99	180	63.03	795	35.9
9	SureStart / Durango + AMS	2 pt / 24 oz + 3 qt	92	90	100	98	78	94	95	97	99	99	97	97	99	99	183	56.65	814	49.0
10	SureStart / Durango + AMS	2.5 pt / 24 oz + 3 qt	90	89	99	94	87	94	95	96	99	99	96	99	99	99	175	62.03	771	42.4
11	SureStart / SureStart + Durango + AMS	2 pt / 1.5 pt + 24 oz + 3 qt	92	84	100	96	75	93	95	99	99	99	97	99	100	99	176	72.79	763	42.7
12	Verdict / Roundup PowerMax + NIS + AMS	18 oz / 32 oz + 0.25% + 3 qt	90	91	87	90	75	95	95	97	99	98	95	99	99	99	178	66.47	782	38.0
13	Verdict / Roundup PowerMax + Status + NIS + AMS	16 oz / 32 oz + 2.5 oz + 0.25% + 3 qt	86	68	100	89	74	86	95	98	99	97	98	99	100	99	175	73.04	763	40.5
14	Anthem + F9387 / Roundup PowerMax + AMS**	10 oz + 3 oz / 32 oz + 3 qt	90	78	100	95	85	91	95	98	99	98	96	99	99	99	174**	-	-	-
15	Harness / Impact + Roundup PowerMax + Destiny HC + AMS	1.25 pt / 0.75 oz + 32 oz + 0.5% + 3 qt	78	59	97	82	55	84	95	98	99	99	99	99	100	99	180	73.72	786	46.4
<u>POST I (1" Weeds) / POST IV (4" weeds)</u>																				
16	Roundup WeatherMax + AMS / Roundup WeatherMax + AMS	22 oz + 3 qt / 22 oz + 3 qt	32	95	0	32	0	95	95	96	99	99	97	99	99	99	181	54.03	803	38.8
<u>POST II (2" - 4" weeds) / Post III (V4 corn)</u>																				
17	Capreno + RoundupPowerMax + AMS / Laudis + Destiny HC + AMS	3 oz + 18 oz + 2 qt / 3 oz + 0.5% + 3 qt	0	0	0	0	0	0	0	98	99	99	99	99	100	99	179	75.07	780	33.1
<u>POST II (2" - 4" weeds)</u>																				
18	Warrant + Impact + Roundup PowerMax + Destiny HC + AMS	3 pt +0.75 oz 32 oz + 0.5% + 3 qt	0	0	0	0	0	0	0	99	99	99	96	99	100	99	172	62.89	753	30.7
19	F9387 + Roundup PowerMax + NIS + AMS**	3 oz + 32 oz + 0.25% + 3 qt	0	0	0	0	0	0	0	94	96	99	99	99	100	99	176**	-	-	-
20	Halex GT + atrazine + NIS + AMS	3.6 pt + 16 oz + 0.25% + 3 qt	0	0	0	0	0	0	0	99	99	99	99	99	100	99	179	49.52	806	42.4
21	SureStart + Durango + AMS	2 pt + 24 oz + 3 qt	0	0	0	0	0	0	0	99	99	99	96	99	99	99	174	49.65	778	41.4
22	Realm Q + Abundit Extra + NIS + AMS	4 oz + 32 oz + 0.25% + 3 qt	0	0	0	0	0	0	0	97	99	99	98	99	100	99	179	49.39	799	31.7
<u>Checks</u>																				
23	Weedy Check	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133	0.00	626	55.2
24	Weed-Free Check	-	100	99	100	100	100	99	99	100	99	100	100	97	100	97	172	0.00	816	40.6
LSD (0.10)			6	6	8	9	13	5	1	1	1	1	3	2	1	1	10		49	

*Corvus is not labeled in MN, WI or MI as of 1/2/2014
 **F9387 is not labeled

Grey = Not Equivalent to Weed Free Controls
 Treatment costs per acre included herbicide, adjuvant, application and technology fees (when applicable)
 Costs ranged from \$49.39 - \$89.77 with average cost of \$64.48

Returns vs SE Returns for corn Treatments 2013

