

2011 Corn Herbicide Evaluation - Waseca
Common Cocklebur Site

Herbicide	Rate	Gift	cocb	Corw	Colq	Vele	Rrpw	Yield	Returns
<u>Preemergence/POST II (2" - 4" weeds)</u>	(product/A)								
Dual II Magnum / Halex GT + NIS + AMS	1 pt / 3.6 pt + 0.25% + 3 qt	99	99	99	99	99	99	168	770
<u>Preemergence/POST III (V4 corn)</u>									
Harness / Laudis + Destiny HC + AMS	1.75 pt / 3 oz + 0.5% + 2 qt	99	99	99	99	99	99	175	813
Capreno / Laudis + Roundup PowerMax + Destiny HC + AMS	3 oz / 3 oz + 22 oz + 0.5% + 2 qt	91	99	99	99	99	99	174	798
Harness / Ignite + atrazine + AMS	1.75 pt / 22 oz + 16 oz + 3 qt	98	95	99	99	99	99	169	578
Breakfree / Realm Q + Abundit S + AMS	1.25 pt / 4 oz + 32 oz + 3qt	98	99	99	99	99	99	170	791
Breakfree / Realm Q + atrazine + COC + AMS	2 pt / 4 oz + 16 oz + 1% + 3qt	98	99	99	99	99	99	175	815
Breakfree ATZ Lite / Realm Q + Abundit S + AMS	4 pt / 4 oz + 32 oz + 3qt	99	99	99	99	99	99	172	783
Harness / Roundup WeatherMax + AMS	1.25 pt / 22 oz + 3 qt	98	89	97	83	99	99	168	788
SYN-A17227A / Touchdown Total + AMS	3 pt / 24 oz + 3 qt	99	99	99	99	99	99	183	853
SureStart / Durango + AMS	1.75 pt / 24 oz + 3 qt	84	70	79	87	85	98	165	759
SureStart / Durango + AMS	2.5 pt / 24 oz + 3 qt	99	99	99	99	99	99	182	850
SureStart + atrazine / Durango DMA + AMS	1.75 pt + 1.5 pt / 24 oz + 3 qt	78	83	74	99	76	99	163	764
Verdict / Roundup PowerMax + NIS + AMS	18 oz / 22 oz + 0.25% + 3 qt	99	99	99	99	99	99	178	828
Verdict / Roundup PowerMax + Status + NIS + AMS	16 oz / 22 oz + 2.5 oz + 0.25% + 3 qt	99	99	99	99	99	99	179	829
Anthem / Roundup PowerMax + AMS	10 oz / 22 oz + 3 qt	99	99	99	99	99	99	184	
Harness / Impact + atrazine + MSO + AMS	1.75 pt / 0.75 oz + 16 oz + 1% + 3 qt	93	99	93	93	99	99	177	829
<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	99	99	174	826
<u>POST II (2" - 4" weeds) / Post III (V4 corn)</u>									
Capreno + RoundupPowerMax + AMS / Laudis + Destiny HC + AMS	3 oz + 18 oz + 3 qt / 3 oz + 0.5% + 3 qt	99	99	99	99	99	99	164	747
<u>POST II (2" - 4" weeds)</u>									
Anthem + Roundup PowerMax + NIS + AMS	8 oz + 22 oz + 0.25% + 3 qt	97	88	84	88	99	99	172	
Halex GT + atrazine + NIS + AMS	3.6 pt + 16 oz + 0.25% + 3 qt	94	94	99	99	99	99	173	822
SureStart + Durango + AMS	1.75 pt + 24 oz + 3 qt	99	99	99	99	99	99	175	834
Realm Q + Abundit S + AMS	4 oz + 32 oz + 3 qt	64	74	74	74	74	65	173	824
<u>Checks</u>									
Weedy Check	-	0	0	0	0	0	0	161	814
Weed-Free Check	-	100	100	100	100	100	100	178	905
	LSD (0.10)	11	15	13	14	14	11	ns	ns

Corn Hybrid: Pioneer Brand 9512XR

Planting date: May 27

Pre application: May 27

1" weeds applied 9-Jun

2 to 4" weeds applied 24-Jun

V4 applied: 27-Jun