

## 2006 Corn Herbicide Evaluation - Lambertton

Herbicide	Rate	Yellow foxtail	Tall waterhemp	Common lambsquarters	H2O	Yield	Cost	Returns
<u>Preemergence</u>	(product/A)		(% control)		(%)	(bu/A)		(\$/A)
1 Keystone LA + Hornet WDG	2.2 qt + 4oz	85	96	98	18.3	218	42.65	496
<b><u>Preemergence/POST III (V4 corn)</u></b>								
2 Surpass / Hornet + Callisto + atrazine + COC + AMS	2.75 pt / 3 oz + 0.75 oz + 8 oz + 1% + 3 qt	88	98	98	18.6	211	50.16	468
3 Outlook / Status + atrazine + NIS + AMS	21 oz / 5 oz + 16 oz + 0.25% + 2.5 lb	83	96	97	18.5	221	53.69	491
4 Define SC/ Liberty+atrazine+AMS	12 oz / 32 oz + 16 oz + 3.5 qt	91	92	97	18.6	220	47.69	493
5 Define SC/ Option+Distinct+MSO+28%	12 oz / 1.5 oz + 2 oz + 1.5 pt + 3 pt	91	95	97	18.9	219	49.90	485
6 Define SC/ Laudis+MSO+28%	12 oz / 3 oz + 1.5 pt + 3 pt	93	94	98	19.2	218		
7 Cinch/ Steadfast+Callisto+atrazine+COC+AMS	1 pt / 0.75 oz + 2 oz + 16 oz +1% + 3 qt	94	96	98	18.9	223	58.35	486
8 Dual II Magnum/ Callisto+atrazine+COC+28%N	1 pt / 3 oz + 16 oz + 1% + 2.5%	84	98	98	18.5	216	60.07	471
9 Outlook / Aim+atrazine+Clarity+NIS	21 oz / 0.5 oz + 16 oz + 3 oz + 0.25%	83	97	98	18.6	206	44.28	461
10 Harness / Roundup WeatherMax+AMS	1.25 pt / 22 oz + 3 qt	93	96	98	18.5	211	50.75	469
11 Lumax / Touchdown Total+AMS	3 pt / 24 oz + 3 qt	95	98	98	18.3	212	54.89	468
12 Lumax / Liberty+AMS	3 pt / 24 oz + 3 qt	89	97	98	18.0	216	45.72	491
13 Keystone LA/ GlyphomaxXRT+AMS	1.1 qt / 24 oz + 3 qt	93	97	98	18.2	214	48.95	481
14 Outlook / Roundup WeatherMax+Status+AMS	12 oz / 14 oz+2.5 oz +3 qt	91	92	98	18.4	216	46.95	486
15 Dual II Magnum / Touchdown Total + Callisto + AMS	1 pt / 24 oz + 3 oz + 3 qt	93	96	98	18.4	212	63.32	458
16 Resolve / Atrazine + Roundup OriginalMax + NIS + AMS	1 oz / 16 oz + 22 oz + 0.25% + 3qt	90	90	97	19.1	207	44.31	460
17 GF 1834 / Glyphomax XRT + AMS	1.75 pt / 24 oz + 3 qt	94	97	98	18.7	210		
<b><u>Checks</u></b>								
18 Weedy Check	-	0	0	0	19.3	152	0.00	369
19 Weed-Free Check	-	100	100	100	18.7	216	0.00	529
<b><u>POST I (V2 corn)</u></b>								
20 Stout + Lumax + NIS	0.5 oz + 2 pt + 0.25%	89	95	98	18.9	206	29.42	474
21 Lumax + Touchdown Total + AMS	3 pt + 24oz + 3 qt	92	98	98	18.1	221	47.89	499
22 Lumax + Liberty + AMS	3 pt + 20oz + 3 qt	92	98	98	18.7	215	38.72	488
<b><u>POST III (V4 corn)</u></b>								
23 Steadfast+Callisto+atrazine+COC+AMS	0.75 oz + 2 oz + 16 oz +1% + 3 qt	84	94	97	18.9	220	37.40	499
24 Resolve + atrazine + Roundup OriginalMax + NIS + AMS	1 oz + 16 oz + 22 oz + 0.25% + 3 qt	84	86	96	18.7	218	37.31	497
<b>LSD (P=0.10)</b>		<b>5</b>	<b>4</b>	<b>1</b>	<b>0.7</b>	<b>12</b>		<b>31</b>