

## 2007 Corn Herbicide Evaluation - Lambertson

Herbicide	Rate	Yellow foxtail	Common lambsquarters	Tall waterhemp	H2O (%)	Yield (bu/A)	Cost (\$/A)	Returns (\$/A)
<u>Preemergence</u>	(product/A)		(% control)					
1 Keystone LA + Hornet WDG	2.2 qt + 4oz	91	97	98	17.1	193	44.80	664
<u>Preemergence/POST IV (V4 corn)</u>								
2 Breakfree / Stout + Impact + atrazine + COC + AMS	1 pt / 0.5 oz + 0.5 oz + 16 oz + 1% + 3 qt	93	98	98	16.8	186	47.29	640
3 Outlook / Status + NIS + AMS	21 oz / 5 oz + 0.25% + 3 qt	93	98	98	17.0	196	51.52	670
4 Define SC/ Liberty + atrazine + AMS	12 oz / 32 oz + 16 oz + 3.5 qt	93	95	97	16.7	191	46.71	658
5 Define SC/ Option + Distinct + MSO + 28%	12 oz / 1.5 oz + 2 oz + 1.5 pt + 1.5 qt	90	98	96	17.0	194	49.43	664
6 Define SC/ Laudis + MSO + 28%	12 oz / 3 oz + 1.5 pt + 3 pt	91	98	96	16.9	187		
7 Breakfree / New Resolve + Roundup Original Max + NIS + AMS	1 pt / 1.25 oz + 22 oz + 0.25% + 3 qt	93	98	98	17.3	195	51.00	665
8 Dual II Magnum/ Callisto + atrazine + COC + 28%N	1 qt / 3 oz + 16 oz + 1% + 2.5%	97	98	98	16.6	189	59.02	641
9 Harness / Roundup Weather Max + AMS	1.25 pt / 22 oz + 3 qt	95	95	97	17.6	194	47.83	662
10 Lumax / Touchdown Total + AMS	3 pt / 24 oz + 3 qt	96	98	98	16.5	190	52.76	651
11 Lumax / Liberty + AMS	3 pt / 24 oz + 3 qt	92	98	98	17.4	195	48.36	666
12 Surestart / Durango + AMS	1.75 pt / 24 oz + 3 qt	94	98	98	17.0	188	45.64	647
13 Outlook / Roundup Weather Max + Status + AMS	12 oz / 22 oz + 2.5 oz + 3 qt	97	98	98	16.9	192	53.17	655
14 Resolve + Atrazine / Roundup Original Max + NIS + AMS	1 oz + 24 oz / 22 oz + 0.25% + 3 qt	89	97	95	17.2	197	41.75	683
15 Breakfree / Impact + atrazine + MSO + 28%N	2 pt / 0.5 oz + 16 oz + 1% + 2.5%	94	98	98	17.3	188	48.52	642
16 Harness / Impact + atrazine + Roundup Weather Max + AMS	1.25 pt / 0.5 oz + 16 oz + 22 oz + 3 qt	96	98	98	16.9	201	58.24	684
<u>POST I (1" Weeds) / POST IV (4" weeds)</u>								
17 Roundup Weather Max + AMS / Roundup Weather Max + AMS	22 oz + 3 qt / 22 oz + 3 qt	95	98	98	16.7	187	45.24	646
<u>POST I (V2 corn)</u>								
18 SureStart + Durango + AMS	1.75 pt + 24 oz + 3 qt	93	98	98	16.6	189	38.64	663
19 Hallex GT + atrazine + NIS + AMS	4 pt + 16 oz + 0.25% + 3 qt	92	98	98	16.9	191	43.16	661
<u>POST III (V3 corn)</u>								
20 Steadfast + Impact + atrazine + MSO + AMS	0.75 oz + 0.5 oz + 16 oz + 1% + 3 qt	87	97	95	16.4	200	39.62	702
21 Steadfast + Status + atrazine + MSO + AMS	0.75 oz + 2.5 oz + 16 oz + 1% + 3 qt	85	97	93	16.5	191	35.20	673
22 New Resolve + atrazine + Roundup Original Max + NIS + AMS	1.25 oz + 16 oz + 22 oz + 0.25% + 3 qt	86	95	93	17.0	197	35.77	692