

2007 Corn Herbicide Evaluation - Combined across all six locations

Pioneer RR/LL Hybrid; Based on \$3.80/bu Corn

Herbicide	Rate	Giant	Yellow	Common	Common	Giant	Common	Tall	Number of locations						S.E Returns
		foxtail	foxtail	lambsquarters	ragweed	ragweed	cocklebur	waterhemp	Velvetleaf	H2O	Yield	Cost	Returns		
		5	1	3	2	1	1	3	1	6	6	6	6	6	
	(product/A)	(% control)													
<u>Preemergence</u>															
1 Keystone LA + Hornet WDG	2.2 qt + 4oz	65	91	97	82	92	97	98	86	17.3	146	44.80	496	48.8	
<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	83	93	99	82	94	77	99	87	17.6	169	47.29	572	37.0	
3 Outlook / Status + NIS + AMS	21 oz / 5 oz + 0.25% + 3 qt	82	93	99	99	83	97	99	91	17.6	166	51.52	559	41.2	
4 Define SC/ Liberty + atrazine + AMS	12 oz / 32 oz + 16 oz + 3.5 qt	89	93	97	96	96	92	97	84	17.6	165	46.71	561	32.0	
5 Define SC/ Option + Distinct + MSO + 28%	12 oz / 1.5 oz + 2 oz + 1.5 pt + 1.5 qt	89	90	98	99	93	95	98	89	17.6	160	49.43	536	37.4	
6 Define SC/ Laudis + MSO + 28%	12 oz / 3 oz + 1.5 pt + 3 pt	83	91	99	88	85	92	95	88	17.5	162				
7 Breakfree / Resolve Q + Roundup Original Max + NIS + AMS	1 pt / 1.25 oz + 22 oz + 0.25% + 3 qt	96	93	98	96	99	86	97	85	17.8	174	51.00	585	37.0	
8 Dual II Magnum/ Callisto + atrazine + COC + 28%N	1 qt / 3 oz + 16 oz + 1% + 2.5%	73	97	99	99	80	99	99	99	17.5	158	59.02	521	41.4	
9 Harness / Roundup Weather Max + AMS	1.25 pt / 22 oz + 3 qt	95	95	92	94	99	91	96	84	17.7	171	47.83	581	35.2	
10 Lumax / Touchdown Total + AMS	3 pt / 24 oz + 3 qt	97	96	99	99	98	86	98	97	17.1	176	52.76	596	36.0	
11 Lumax / Liberty + AMS	3 pt / 24 oz + 3 qt	90	92	99	96	99	85	99	98	17.4	173	48.36	588	40.2	
12 Surestart / Durango + AMS	1.75 pt / 24 oz + 3 qt	92	94	98	95	98	94	96	91	17.3	177	45.64	607	33.2	
13 Outlook / Roundup Weather Max + Status + AMS	12 oz / 22 oz + 2.5 oz + 3 qt	96	97	98	99	97	88	96	90	17.5	176	53.17	595	40.6	
14 Resolve + Atrazine / Roundup Original Max + NIS + AMS	1 oz + 24 oz / 22 oz + 0.25% + 3 qt	94	89	98	93	98	88	92	87	17.7	174	41.75	597	38.7	
15 Breakfree / Impact + atrazine + MSO + 28%N	2 pt / 0.5 oz + 16 oz + 1% + 2.5%	90	94	98	93	99	87	98	90	17.6	168	48.52	568	40.2	
16 Harness / Impact + atrazine + Roundup Weather Max + AMS	1.25 pt / 0.5 oz + 16 oz + 22 oz + 3 qt	98	96	98	99	99	93	99	96	17.5	173	58.24	581	42.9	
<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	97	95	96	99	99	98	98	95	17.4	180	45.24	617	36.6	
<u>POST I (V2 corn)</u>															
18 SureStart + Durango + AMS	1.75 pt + 24 oz + 3 qt	85	93	98	93	93	84	90	94	17.2	167	38.64	580	43.3	
19 Halex GT + atrazine + NIS + AMS	4 pt + 16 oz + 0.25% + 3 qt	86	92	99	98	91	87	99	98	17.1	165	43.16	568	44.5	
<u>POST III (V3 corn)</u>															
20 Steadfast + Impact + atrazine + MSO + AMS	0.75 oz + 0.5 oz + 16 oz + 1% + 3 qt	90	87	98	91	93	77	96	89	17.3	171	39.62	593	43.3	
21 Steadfast + Status + atrazine + MSO + AMS	0.75 oz + 2.5 oz + 16 oz + 1% + 3 qt	83	85	98	96	97	88	95	88	17.4	172	35.20	601	45.1	
22 Resolve Q + atrazine + Roundup Original Max + NIS + AMS	1.25 oz + 16 oz + 22 oz + 0.25% + 3 qt	85	86	98	92	95	88	95	84	17.3	174	35.77	606	45.7	
<u>Checks</u>															
23 Weedy Check	-	0	0	0	0	0	0	0	0	17.4	52	0.00	190	43.7	
24 Weed-Free Check	-	100	100	100	100	100	100	100	100	17.4	184	0.00	677	42.3	
	LSD (0.10)	5	3	1	8	6	7	5	6	0.4	9		32		