

**Table 1. Weed management strategies in corn.**

Treatment <sup>a</sup>	Rate Product/A	Appl time	Corn stand <sup>b</sup>	Injury 6/15	Setfa 6/15	Abuth 6/15	Amata 6/15	Cheal 6/15	Polpy 6/15
				- (%) - -----(%)-----					
Untreated	-		34	0	0	0	0	0	0
G-Max Lite	3.5 pt	PRE	32	0	99	72	99	99	99
G-Max Lite + Balance Pro	3.5 pt + 1.5 fl oz	PRE	33	0	99	99	99	99	99
G-Max Lite + Hornet WDG	3.5 pt + 4.0 oz wt	PRE	33	0	99	98	99	99	99
Lexar	3.5 qt	PRE	32	0	99	99	99	99	99
Lumax	3.0 qt	PRE	33	0	99	99	99	99	99
Outlook + (Marksman)	21.0 fl oz + (3.5 pt)	PRE + (POST1)	33	0	99	35	99	96	80
G-Max Lite + (Distinct + NIS + AMS)	3.5 pt + (4.0 oz wt + 0.25 % + 5.0 lb/100 gal)	PRE + (POST2)	33	0	99	68	99	99	99
Balance Pro + (Option + Callisto + Atrazine + MSO + AMS)	1.5 fl oz + (1.5 oz wt + 1.5 fl oz + 1.0 pt + 1.5 pt + 1.5 lb)	PRE + (POST2)	33	0	90	99	99	99	99
Keystone + (Hornet WDG + Callisto + Atrazine + COC + 28 % UAN)	2.65 qt + (3.0 oz wt + 0.75 fl oz + 0.28 lb + 1.0 % + 2.5 %)	PRE + (POST1)	33	0	99	78	99	99	99
Keystone + (Glyphomax XRT + AMS)	1.5 qt + (1.5 pt + 2.5 lb)	PRE + (POST2)	34	0	99	72	99	99	99
Glyphomax XRT AMS	1.5 pt + 2.5 lb	POST2	33	0	0	0	0	0	0
Cinch ATZ + (Steadfast + Callisto + Atrazine + Agridex + AMS)	2.5 pt + (0.75 oz wt + 2.0 fl oz + 4.44 oz wt + 1.0 % + 2.0 lb)	PRE + (POST2)	34	0	96	55	99	99	99
Steadfast + Callisto + Atrazine + Agridex + AMS	0.75oz wt + 2.0 fl oz + 26.7 oz wt + 1.0 % + 2.0 lb	POST1	32	0	0	0	0	0	0
Harness Xtra 6 SC + (Roundup WeatherMAX + AMS)	1.2 qt + (21.3 fl oz + 17.0 lb/100 gal)	PRE + (POST2)	34	0	98	48	99	99	99
Roundup WeatherMAX + AMS + (Roundup WeatherMAX + AMS)	21.3 fl oz + 17.0 lb/100 gal + (21.3 fl oz + 17.0 lb/100 gal)	POST2 + (DPOST)	33	0	0	0	0	0	0
Roundup WeatherMAX + AMS	21.3 fl oz + 17.0 lb/100 gal	POST2	32	0	0	0	0	0	0
Lumax + (Touchdown Total + AMS)	2.0 qt + (24.0 fl oz + 2.5 lb)	PRE + (POST2)	33	0	99	99	99	99	99
LSD (P=0.05)			2	0	1	9	0	1	0

<sup>a</sup> NIS = Activator 90 a non ionic surfactant from UAP - Loveland Industries; AMS = ammonium sulfate fertilizer from Agrilience, LLC; MSO = methylated seed oil plus surfactant from UAP - Loveland Industries; COC = Herbimax crop oil concentrate from UAP - Loveland Industries; 28% UAN = mixture of urea and ammonium sulfate from United Suppliers; Agridex = crop oil concentrate from Helena Chemical Co.

<sup>b</sup> Corn stand per 17' 5" row feet on August 1.

<sup>c</sup> % weed control = Setfa = giant foxtail, Abuth = velvetleaf, Amata = common waterhemp, Cheal = common

**Table 2. Weed management strategies in corn.**

Treatment <sup>a</sup>	Rate Product/A	Appl time	Injury			Setfa	Abuth	Amata	Cheal	Polpy
			6/20	6/28	7/12	7/12	7/12	7/12	7/12	7/12
			----- (%) -----			-----(% <sup>b</sup> )-----				
Untreated	-		0	0	0	0	0	0	0	0
G-Max Lite	3.5 pt	PRE	0	0	0	96	50	99	99	99
G-Max Lite + Balance Pro	3.5 pt + 1.5 fl oz	PRE	0	0	0	98	99	99	99	99
G-Max Lite + Hornet WDG	3.5 pt + 4.0 oz wt	PRE	0	0	0	98	95	99	99	99
Lexar	3.5 qt	PRE	0	0	0	95	99	99	99	99
Lumax	3.0 qt	PRE	0	0	0	95	99	99	99	99
Outlook + (Marksman)	21.0 fl oz + (3.5 pt)	PRE + (POST1)	12	10	7	98	96	99	99	99
G-Max Lite + (Distinct + NIS + AMS)	3.5 pt + (4.0 oz wt + 0.25 % + 5.0 lb/100 gal)	PRE + (POST2)	0	5	0	99	96	99	99	99
Balance Pro + (Option + Callisto + Atrazine + MSO + AMS)	1.5 fl oz + (1.5 oz wt + 1.5 fl oz + 1.0 pt + 1.5 pt + 1.5 lb)	PRE + (POST2)	0	10	2	95	99	99	99	99
Keystone + (Hornet WDG + Callisto + Atrazine + COC + 28 % UAN)	2.65 qt + (3.0 oz wt + 0.75 fl oz + 0.28 lb + 1.0 % + 2.5 %)	PRE + (POST1)	15	3	0	99	99	99	99	99
Keystone + (Glyphomax XRT + AMS)	1.5 qt + (1.5 pt + 2.5 lb)	PRE + (POST2)	0	0	0	99	98	99	99	99
Glyphomax XRT AMS	1.5 pt + 2.5 lb	POST2	0	0	0	99	95	96	96	93
Cinch ATZ + (Steadfast + Callisto + Atrazine + Agridex + AMS)	2.5 pt + (0.75 oz wt + 2.0 fl oz + 4.44 oz wt + 1.0 % + 2.0 lb)	PRE + (POST2)	0	10	0	99	99	99	99	99
Steadfast + Callisto + Atrazine + Agridex + AMS	0.75oz wt + 2.0 fl oz + 26.7 oz wt + 1.0 % + 2.0 lb	POST1	17	10	2	95	99	99	99	99
Harness Xtra 6 SC + (Roundup WeatherMAX + AMS)	1.2 qt + (21.3 fl oz + 17.0 lb/100 gal)	PRE + (POST2)	0	0	0	99	96	99	99	99
Roundup WeatherMAX + AMS + (Roundup WeatherMAX + AMS)	21.3 fl oz + 17.0 lb/100 gal + (21.3 fl oz + 17.0 lb/100 gal)	POST2 + (DPOST)	0	0	0	99	95	98	96	93
Roundup WeatherMAX + AMS	21.3 fl oz + 17.0 lb/100 gal	POST2	0	0	0	99	95	96	96	93
Lumax + (Touchdown Total + AMS)	2.0 qt + (24.0 fl oz + 2.5 lb)	PRE + (POST2)	0	0	0	99	99	99	99	99
<b>LSD (P=0.05)</b>			<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>2</b>

<sup>a</sup> NIS = Activator 90 a non ionic surfactant from UAP - Loveland Industries; AMS = ammonium sulfate fertilizer from Agrilience, LLC; MSO = methylated seed oil plus surfactant from UAP - Loveland Industries; COC = Herbimax crop oil concentrate from UAP - Loveland Industries; 28% UAN = mixture of urea and ammonium sulfate from United Suppliers; Agridex = crop oil concentrate from Helena Chemical Co.

<sup>b</sup> % weed control = Setfa = giant foxtail, Abuth = velvetleaf, Amata = common waterhemp, Cheal = common lambsquarters, Polpy = Pennsylvania smartweed.

**Table 3. Weed management strategies in corn.**

Treatment <sup>a</sup>	Rate Product/A	Appl time	Setfa	Abuth	Amata	Cheal	Polpy
			8/24	8/24	8/24	8/24	8/24
Untreated	-		0	0	0	0	0
G-Max Lite	3.5 pt	PRE	95	47	99	96	99
G-Max Lite + Balance Pro	3.5 pt + 1.5 fl oz	PRE	99	99	99	98	99
G-Max Lite + Hornet WDG	3.5 pt + 4.0 oz wt	PRE	96	93	99	99	99
Lexar	3.5 qt	PRE	92	99	99	99	99
Lumax	3.0 qt	PRE	95	99	99	99	99
Outlook + (Marksman)	21.0 fl oz + (3.5 pt)	PRE + (POST1)	98	96	99	99	99
G-Max Lite + (Distinct + NIS + AMS)	3.5 pt + (4.0 oz wt + 0.25 % + 5.0 lb/100 gal)	PRE + (POST2)	99	98	99	98	99
Balance Pro + (Option + Callisto + Atrazine + MSO + AMS)	1.5 fl oz + (1.5 oz wt + 1.5 fl oz + 1.0 pt + 1.5 pt + 1.5 lb)	PRE + (POST2)	90	99	99	99	99
Keystone + (Hornet WDG + Callisto + Atrazine + COC + 28 % UAN)	2.65 qt + (3.0 oz wt + 0.75 fl oz + 0.28 lb + 1.0 % + 2.5 %)	PRE + (POST1)	99	99	99	99	99
Keystone + (Glyphomax XRT + AMS)	1.5 qt + (1.5 pt + 2.5 lb)	PRE + (POST2)	98	98	99	98	98
Glyphomax XRT AMS	1.5 pt + 2.5 lb	POST2	95	92	93	90	92
Cinch ATZ + (Steadfast + Callisto + Atrazine + Agridex + AMS)	2.5 pt + (0.75 oz wt + 2.0 fl oz + 4.44 oz wt + 1.0 % + 2.0 lb)	PRE + (POST2)	99	99	99	99	99
Steadfast + Callisto + Atrazine + Agridex + AMS	0.75oz wt + 2.0 fl oz + 26.7 oz wt + 1.0 % + 2.0 lb	POST1	88	99	99	99	99
Harness Xtra 6 SC + (Roundup WeatherMAX + AMS)	1.2 qt + (21.3 fl oz + 17.0 lb/100 gal)	PRE + (POST2)	98	95	99	96	98
Roundup WeatherMAX + AMS + (Roundup WeatherMAX + AMS)	21.3 fl oz + 17.0 lb/100 gal + (21.3 fl oz + 17.0 lb/100 gal)	POST2 + (DPOST)	99	99	99	99	99
Roundup WeatherMAX + AMS	21.3 fl oz + 17.0 lb/100 gal	POST2	92	88	90	88	92
Lumax + (Touchdown Total + AMS)	2.0 qt + (24.0 fl oz + 2.5 lb)	PRE + (POST2)	98	99	99	99	99
LSD (P=0.05)			3	5	2	2	2

<sup>a</sup> NIS = Activator 90 a non ionic surfactant from UAP - Loveland Industries; AMS = ammonium sulfate fertilizer from Agrilience, LLC; MSO = methylated seed oil plus surfactant from UAP - Loveland Industries; COC = Herbimax crop oil concentrate from UAP - Loveland Industries; 28% UAN = mixture of urea and ammonium sulfate from United Suppliers; Agridex = crop oil concentrate from Helena Chemical Co.

<sup>b</sup> % weed control = Setfa = giant foxtail, Abuth = velvetleaf, Amata = common waterhemp, Cheal = common lambsquarters, Polpy = Pennsylvania smartweed.