

**Table 1. Prowl, Domain and Boundary followed by postemergence Extreme, Roundup UltraMAX and others for weed control in soybean.**

Treatment <sup>a</sup>	Rate Product/Acre	Appl time	Soybean injury						Gift 5/29	Colq 5/29	Pesw 5/29
			5/17	5/29	6/8	6/21	7/5	8/9			
Control	-	-	0	0	0	0	0	0	0	0	
Prowl 3.3EC + (Pursuit 2SL + Ultra Blazer 2SL + COC + AMS)	1.5 qt (4.0 oz + 0.75pt + 1.0 % + 2.5 lb)	PRE + (POST1)	0	0	28	15	12	0	70	99	96
Prowl 3.3EC (Raptor 1AS Ultra Blazer 2SL + COC+AMS)	1.5 qt (4.0 oz + 0.75 pt + 1.0 % + 2.5 lb)	PRE + (POST1)	0	0	28	18	12	0	58	99	99
Extreme 2.17SL + NIS + AMS	1.5 qt + 0.125 % + 8.5 lb/100 gal	POST1	0	0	17	10	7	0	0	0	0
Prowl 3.3EC + (Extreme 2.17SL + NIS + AMS)	1.5 qt + 1.5 qt + 0.125 % + 8.5 lb/100 gal)	PRE + (POST2)	0	0	0	0	3	0	77	96	99
Domain 60DF + (Roundup UltraMAX 5SL + AMS)	10.0 oz + (26.0 oz + 8.5 lb/100 gal)	PRE + (POST2)	0	0	0	0	0	0	60	96	99
Boundary 7.8EC + (Roundup UltraMAX 5SL + AMS)	1.25 pt + (26.0 oz + 8.5 lb/100 gal)	PRE + (POST2)	0	0	0	0	0	0	95	99	99
Sencor DF 75WG + (Roundup UltraMAX 5SL + AMS)	0.5 lb + (26.0 oz + 8.5 lb/100 gal)	PRE + (POST2)	0	0	0	0	2	3	60	96	99
Domain 60DF + (Pursuit 2SL + MSO + 28%N)	16.0 oz + (4.0 oz + 1.5 pt + 1.0 qt)	PRE + (POST1)	0	0	17	12	3	2	80	99	99
Domain 60DF + (Fusion 2.66EC + Flexstar 1.88SL + COC)	16.0 oz + (0.5 pt + 1.25 pt + 1.0%)	PRE + (POST1)	0	2	28	8	8	0	80	99	99
Roundup UltraMAX 5SL + AMS	26.0 oz + 8.5 lb/100 gal	POST2	0	0	0	0	0	5	0	0	0
Roundup UltraMAX 5SL + AMS + (Roundup UltraMAX 5SL + AMS)	20.0 oz + 8.5 lb/100 gal + (26.0 oz + 8.5 lb/100 gal)	POST1+ (POST3)	0	0	8	0	0	0	0	0	0
Canopy XL 56.3WG + (Roundup UltraMAX 5SL + AMS)	2.5 oz + (26.0 oz + 8.5 lb/100 gal)	PRE + (POST2)	0	0	0	0	0	0	63	99	99
Authority 75WG + (Synchrony STS 42DG + Flexstar 1.88SL + Assure II 0.88EC COC + 28%N)	0.25 lb + (0.23 oz + 0.5 pt + 7.0 oz + 1.0 % + 2.0 qt)	PRE + (POST1)	0	12	28	17	10	0	77	99	96
LSD (0.05)			0	2	7	5	5	2	13	4	3

<sup>a</sup> COC = Herbimax, an oil-surfactant, NIS = Activator 90, a non-ionic surfactant penetrant, and MSO = Methylated seed oil, all from Loveland Industries; 28%N = mixture of urea and ammonium nitrate.

<sup>b</sup> Percent weed control: Gift = giant foxtail, Colq = common lambsquarters, Cowh = common waterhemp, Girw = giant ragweed, Pesw = Pennsylvania smartweed and Vele = velvetleaf.

**Table 2. Prowl, Domain and Boundary followed by postemergence Extreme, Roundup UltraMAX and others for weed control in soybean.**

Treatment <sup>a</sup>	Rate Product/Acre	Appl time	Gift	Colq	Cowh	Pesw	Vele	Gift	Colq	Cowh	Girw	Pesw	Vele
			6/21	6/21	6/21	6/21	6/21	7/5	7/5	7/5	7/5	7/5	7/5
			----- (% weed control <sup>b</sup> ) -----										
Control	-	-	0	0	0	0	0	0	0	0	0	0	0
Prowl 3.3EC + (Pursuit 2SL + Ultra Blazer 2SL + COC + AMS)	1.5 qt (4.0 oz + 0.75pt + 1.0 % + 2.5 lb)	PRE + (POST1)	98	99	99	99	99	90	99	98	99	99	99
Prowl 3.3EC (Raptor 1AS Ultra Blazer 2SL + COC+AMS)	1.5 qt (4.0 oz + 0.75 pt + 1.0 % + 2.5 lb)	PRE + (POST1)	96	99	99	99	99	83	99	99	98	99	99
Extreme 2.17SL + NIS + AMS	1.5 qt + 0.125 % + 8.5 lb/100 gal	POST1	99	99	99	99	99	90	99	99	99	99	99
Prowl 3.3EC + (Extreme 2.17SL + NIS + AMS)	1.5 qt + 1.5 qt + 0.125 % + 8.5 lb/100 gal)	PRE + (POST2)	70	99	83	99	99	99	99	83	99	99	99
Domain 60DF + (Roundup UltraMAX 5SL + AMS)	10.0 oz + (26.0 oz + 8.5 lb/100 gal)	PRE + (POST2)	50	93	99	99	99	99	93	99	95	99	99
Boundary 7.8EC + (Roundup UltraMAX 5SL + AMS)	1.25 pt + (26.0 oz + 8.5 lb/100 gal)	PRE + (POST2)	92	99	99	99	99	99	99	99	99	99	99
Sencor DF 75WG + (Roundup UltraMAX 5SL + AMS)	0.5 lb + (26.0 oz + 8.5 lb/100 gal)	PRE + (POST2)	27	99	99	99	99	99	99	99	99	99	99
Domain 60DF + (Pursuit 2SL + MSO + 28%N)	16.0 oz + (4.0 oz + 1.5 pt + 1.0 qt)	PRE + (POST1)	99	99	99	99	99	92	99	99	99	99	99
Domain 60DF + (Fusion 2.66EC + Flexstar 1.88SL + COC)	16.0 oz + (0.5 pt + 1.25 pt + 1.0%)	PRE + (POST1)	99	99	99	99	99	85	99	99	99	99	98
Roundup UltraMAX 5SL + AMS	26.0 oz + 8.5 lb/100 gal	POST2	0	0	0	0	0	99	99	99	98	99	99
Roundup UltraMAX 5SL + AMS + (Roundup UltraMAX 5SL + AMS)	20.0 oz + 8.5 lb/100 gal + (26.0 oz + 8.5 lb/100 gal)	POST1+ (POST3)	96	99	99	99	99	75	75	95	99	95	98
Canopy XL 56.3WG + (Roundup UltraMAX 5SL + AMS)	2.5 oz + (26.0 oz + 8.5 lb/100 gal)	PRE + (POST2)	47	99	99	99	99	99	99	99	99	99	99
Authority 75WG + (Synchrony STS 42DG + Flexstar 1.88SL + Assure II 0.88EC COC + 28%N)	0.25 lb + (0.23 oz + 0.5 pt + 7.0 oz + 1.0 % + 2.0 qt)	PRE + (POST1)	99	99	99	99	99	83	98	99	99	99	98
<b>LSD (0.05)</b>			13	5	13	0	0	4	7	13	2	2	2

<sup>a</sup> COC = Herbimax, an oil-surfactant, NIS = Activator 90, a non-ionic surfactant penetrant, and MSO = Methylated seed oil, all from Loveland Industries; 28%N = mixture of urea and ammonium nitrate.

<sup>b</sup> Percent weed control: Gift = giant foxtail, Colq = common lambsquarters, Cowh = common waterhemp, Girw = giant ragweed, Pesw = Pennsylvania smartweed and Vele = velvetleaf.

**Table 3. Prowl, Domain and Boundary followed by postemergence Extreme, Roundup UltraMAX and others for weed control in soybean.**

Treatment <sup>a</sup>	Rate Product/Acre	Appl time	Gift	Colq	Cowh	Girw	Pesw	Vele	Yield
			8/9	8/9	8/9	8/9	8/9	8/9	10/19
			----- (% weed control <sup>b</sup> ) -----						Bushels/Acre
Control	-	-	0	0	0	0	0	0	5
Prowl 3.3EC + (Pursuit 2SL + Ultra Blazer 2SL + COC + AMS)	1.5 qt (4.0 oz + 0.75pt + 1.0 % + 2.5 lb)	PRE + (POST1)	85	95	98	96	99	99	50
Prowl 3.3EC (Raptor 1AS Ultra Blazer 2SL + COC+AMS)	1.5 qt (4.0 oz + 0.75 pt + 1.0 % + 2.5 lb)	PRE + (POST1)	70	99	99	99	99	98	44
Extreme 2.17SL + NIS + AMS	1.5 qt + 0.125 % + 8.5 lb/100 gal	POST1	78	99	99	98	99	99	49
Prowl 3.3EC + (Extreme 2.17SL + NIS + AMS)	1.5 qt + 1.5 qt + 0.125 % + 8.5 lb/100 gal)	PRE + (POST2)	93	99	99	98	99	99	45
Domain 60DF + (Roundup UltraMAX 5SL + AMS)	10.0 oz + (26.0 oz + 8.5 lb/100 gal)	PRE + (POST2)	90	98	99	93	99	99	51
Boundary 7.8EC + (Roundup UltraMAX 5SL + AMS)	1.25 pt + (26.0 oz + 8.5 lb/100 gal)	PRE + (POST2)	92	99	99	98	99	99	48
Sencor DF 75WG + (Roundup UltraMAX 5SL + AMS)	0.5 lb + (26.0 oz + 8.5 lb/100 gal)	PRE + (POST2)	85	94	99	99	99	99	48
Domain 60DF + (Pursuit 2SL + MSO + 28%N)	16.0 oz + (4.0 oz + 1.5 pt + 1.0 qt)	PRE + (POST1)	80	99	98	96	99	99	49
Domain 60DF + (Fusion 2.66EC + Flexstar 1.88SL + COC)	16.0 oz + (0.5 pt + 1.25 pt + 1.0%)	PRE + (POST1)	70	96	99	99	99	96	47
Roundup UltraMAX 5SL + AMS	26.0 oz + 8.5 lb/100 gal	POST2	93	98	99	96	99	99	47
Roundup UltraMAX 5SL + AMS + (Roundup UltraMAX 5SL + AMS)	20.0 oz + 8.5 lb/100 gal + (26.0 oz + 8.5 lb/100 gal)	POST1+ (POST3)	99	99	99	99	99	99	50
Canopy XL 56.3WG + (Roundup UltraMAX 5SL + AMS)	2.5 oz + (26.0 oz + 8.5 lb/100 gal)	PRE + (POST2)	91	99	99	99	99	99	52
Authority 75WG + (Synchrony STS 42DG + Flexstar 1.88SL + Assure II 0.88EC COC + 28%N)	0.25 lb + (0.23 oz + 0.5 pt + 7.0 oz + 1.0 % + 2.0 qt)	PRE + (POST1)	67	96	99	96	99	95	43
<b>LSD (0.05)</b>			<b>8</b>	<b>6</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>8</b>

<sup>a</sup> COC = Herbimax, an oil-surfactant, NIS = Activator 90, a non-ionic surfactant penetrant, and MSO = Methylated seed oil, all from Loveland Industries; 28%N = mixture of urea and ammonium nitrate.

<sup>b</sup> Percent weed control: Gift = giant foxtail, Colq = common lambsquarters, Cowh = common waterhemp, Girw = giant ragweed, Pesw = Pennsylvania smartweed and Vele = velvetleaf.