

Publication 75, Guide to Weed Control 2008-2009

Ontario Ministry of Agriculture, Food and Rural Affairs

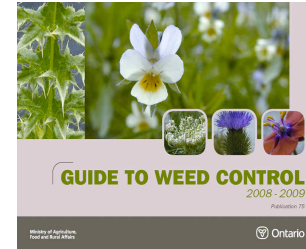


TABLE 11-1. SOYBEAN HERBICIDE WEED CONTROL RATINGS

TRADE NAME	GRASSES								ANNUAL BROADLEAVES										PERENNIALS					CROP TOLERANCE			
	barnyard grass	crabgrass	fall panicum	foxtail, giant	foxtail, green	foxtail, yellow	witch grass	proso millet	buckwheat, wild	cocklebur	fleabane, Canada	lady's thumb	lamb's-quarters ^a	mustards ^a	nightsades, annual ^b	pigweeds ^{a,b}	ragweed, common ^{a,b}	ragweed, giant	velvetleaf	bindweed, field	horsetail	milkweed	nutsedge		quackgrass	sow-thistle	thistle, Canada
Preplant Burndown Herbicides – Refer to Table 6-2, page 77 for a list of herbicides and weed control ratings.																											
Soil Applied Grass Herbicides																											
DUAL II MAGNUM	9	9	8	8	9	9	9	4	2	2	0	2	7	2	8	8	4	3	2	0	0	0	8 ^c	0	0	0	G
FRONTIER	9	9	8	8	9	9	9	4	2	2	0	2	7	2	8	8	4	3	2	0	0	0	8 ^c	0	0	0	G
TREFLAN, BONANZA, RIVAL	9	9	8	9	9	9	9	6	5	2	0	2	8	2	2	8	2	1	2	2	2	2	2	2	2	2	G
Soil Applied Broadleaf Herbicides																											
FIRSTRATE	0	0	0	0	0	0	0	0	?	9	9	?	9	?	2	9	9	9	9	?	2	?	?	2	6	?	E
LOROX	5	5	5	5	5	5	5	5	8	5	5	9	9	9	7	9	8	6	6	2	2	2	2	2	2	2	G
SENCOR	7	6	7	5	5	5	8	3	7	7	5	9	9	9	3	9	8	7	7	2	2	2	2	2	2	2	G

TRADE NAME	GRASSES								ANNUAL BROADLEAVES									PERENNIALS						CROP TOLERANCE			
	barnyard grass	crabgrass	fall panicum	foxtail, giant	foxtail, green	foxtail, yellow	witch grass	proso millet	buckwheat, wild	cocklebur	fleabane, Canada	lady's thumb	lamb's-quarters ^a	mustards ^a	nightshades, annual ^b	pigweeds ^{a,b}	ragweed, common ^{a,b}	ragweed, giant	velvetleaf	bindweed, field	horsetail	milkweed	nutsedge		quackgrass	sow-thistle	thistle, Canada
Soil Applied Grass and Broadleaf Herbicides																											
BOUNDARY	9	9	8	8	9	9	9	5	7	7	5	9	9	9	8	9	7	7	7	2	2	2	7	2	2	2	G
BROADSTRIKE DUAL MAGNUM	9	9	8	8	9	9	9	6	7	7	9	9	9	9	9	8	7	9	2	8	?	8 ^c	0	3	4	E	
COMMAND 360 ME	9	9	?	?	9	9	?	?	?	?	?	9	?	9	6	8/9	?	9	?	?	?	?	?	?	?	E	
CONQUEST ¹	8	7	7	9	9	9	8	7	8	8	2	9	9	9	9	9	6	9	2	2	2	7	6	2	2	G	
PURSUIT	8	7	7	9	9	9	8	7	8	7	2	9	9	9	9	8	6	9	2	2	2	7	6	2	2	E	
VALOR	9	9	9	9	9	9	9	8	8	7	2	9	9	9	9	8	6	9	2	2	2	7	6	2	2	E	
Soil Applied Tank-Mixes																											
COMMAND 360 ME + SENCOR	9	9	?	?	9	9	?	?	?	?	?	9	?	9	9	9	?	9	?	?	?	?	?	?	?	G	
COMMAND 360 ME + LOROX	9	9	?	?	9	9	?	?	?	?	?	9	?	9	9	9	?	9	?	?	?	?	?	?	?	G	
COMMAND 360 ME + PURSUIT	9	9	7	9	9	9	8	7	8	7	?	9	9	9	9	8/9	6	9	?	?	?	7	?	?	?	E	
COMMAND 360 ME + DUAL II MAGNUM	9	9	8	9	9	9	9	4	?	?	?	9	?	9	8/9	8/9	?	9	?	?	?	8	?	?	?	E	
DUAL + LOROX + SENCOR	9	9	8	8	9	9	9	5	8	7	5	9	9	9	8	9	8	7	7	2	2	2	7	2	2	G	
DUAL II MAGNUM + LOROX	9	9	8	8	9	9	9	5	8	5	5	9	9	9	8	9	8	6	6	2	2	2	7	2	2	G	
DUAL II MAGNUM + SENCOR	9	9	8	8	9	9	9	5	7	7	5	9	9	9	8	9	8	7	7	2	2	2	8 ^c	2	2	2	G

TRADE NAME	GRASSES								ANNUAL BROADLEAVES										PERENNIALS					CROP TOLERANCE			
	barnyard grass	crabgrass	fall panicum	foxtail, giant	foxtail, green	foxtail, yellow	witch grass	proso millet	buckwheat, wild	cocklebur	fleabane, Canada	lady's thumb	lamb's-quarters ^a	mustards ^a	nightshades, annual ^b	pigweeds ^{a,b}	ragweed, common ^{a,b}	ragweed, giant	velvetleaf	bindweed, field	horsetail	milkweed	nutsedge		quackgrass	sow-thistle	thistle, Canada
DUAL II MAGNUM+ PURSUIT	9	9	8	8	9	9	9	7	8	7	?	9	9	9	9	8	6	9	2	2	2	7	6	2	2	G	
FRONTIER + LOROX	9	9	8	8	9	9	9	5	8	5	5	9	9	9	8	9	8	6	6	2	2	2	7	2	2	2	G
FRONTIER + SENCOR	9	9	8	8	9	9	9	5	7	7	5	9	9	9	8	9	8	7	7	2	2	2	8 ^c	2	2	2	G
FRONTIER + LOROX + SENCOR	9	9	8	8	9	9	9	5	8	7	5	9	9	9	8	9	8	7	7	2	2	2	7	2	2	2	G
FRONTIER + PURSUIT	9	9	8	9	9	9	9	7	8	7	?	9	9	9	9	9	8	6	9	2	2	2	7	6	2	2	G
PURSUIT + FIRSTRATE	8	7	7	9	9	9	8	7	8	9	9	9	9	9	9	9	9	9	9	2	2	2	7	6	2	2	E
PURSUIT + LOROX	8	7	7	9	9	9	8	7	8	7	5	9	9	9	9	9	8	6	9	2	2	2	7	6	2	2	G
PURSUIT + SENCOR	8	7	7	9	9	9	8	5	8	7	5	9	9	9	9	9	8	7	9	2	2	2	7	6	2	2	G
PURSUIT + TREFLAN, BONANZA, RIVAL	9	9	8	9	9	9	9	7	8	7	?	9	9	9	9	9	8	6	9	2	2	2	7	6	2	2	G
TREFLAN, BONANZA, RIVAL + SENCOR	9	9	8	9	9	9	9	6	7	7	5	9	9	9	3	9	8	7	8	2	2	2	2	2	2	2	G
Postemergence Grass Herbicides																											
ASSURE II	9	8	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	E
EXCEL SUPER	9	8	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	E
POAST ULTRA	9	8	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	E
SELECT	9	8	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	E

TRADE NAME	GRASSES								ANNUAL BROADLEAVES								PERENNIALS						CROP TOLERANCE				
	barnyard grass	crabgrass	fall panicum	foxtail, giant	foxtail, green	foxtail, yellow	witch grass	proso millet	buckwheat, wild	cocklebur	fleabane, Canada	lady's thumb	lamb's-quarters ^a	mustards ^a	nightshades, annual ^b	pigweeds ^{a,b}	ragweed, common ^{a,b}	ragweed, giant	velvetleaf	bindweed, field	horsetail	milkweed		nutsedge	quackgrass	sow-thistle	thistle, Canada
VENTURE L	9	8	9	8	8	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	E	
Postemergent Broadleaf Herbicides																											
BASAGRAN, BASAGRAN FORTÉ	0	0	0	0	0	0	0	0	7	9	5	9	7	9	7	7	8	6	9	5	2	2	8	0	5	7	G
BLAZER	0	0	0	0	0	0	0	0	7	6	2	8	7	9	8	9	9	7	7	7	6	5	2	2	6	6	F
CLASSIC	0	0	0	0	0	0	0	0	4	9	8	8	3	9	3	9	8	8	8	2	2	8	8	2	8	4	G
FIRSTRATE	0	0	0	0	0	0	0	0	7	9	9	?	2	9	2	2	9	9	9	?	2	?	?	2	7	7	E
PINNACLE	0	0	0	0	0	0	0	0	?	5	2	8	9	8	3	9	5	2	8	2	2	2	2	2	2	2	G
REFLEX	0	0	0	0	0	0	0	0	8	7	2	8	6	9	8	9	9	7	6	3	6	2	?	0	5	3	G
Postemergence Grass and Broadleaf Herbicides																											
CLEAN SWEEP ¹	9	8	6	9	9	9	9	7	8	9	5	9	8	9	9	9	8	6	9	5	2	2	8	2	5	7	G
MERIDIAN PLUS ¹	8	6	8	9	9	8	9	?	7	7	5	9	8	9	9	9	8	6	9	?	?	?	8	5	5	?	G
PURSUIT	9	8	6	9	9	9	9	7	8	8	2	9	8	9	9	9	8	6	9	2	2	2	7	2	2	2	G
VIPER ¹	8	6	8	8	8	8	9	?	9	7	4	9	8	9	9	9	9	7	8	?	5	?	?	5	8	?	G
Postemergence Grass and Broadleaf Herbicides, and Tank-Mixes – “Roundup Ready” (glyphosate tolerant) varieties only																											
GUARDIAN ^{1,2}	9	9	9	9	9	9	9	9	8	9	8	8	9	9	9	9	9	8	9	7/8	5	8	8	9	8	9	G ²
glyphosate ²	9	9	9	9	9	9	9	9	8	9	8	8	9	9	9	9	9	8	9	7/8	5	8	8	9	8	9	E ²

TRADE NAME	GRASSES								ANNUAL BROADLEAVES									PERENNIALS						CROP TOLERANCE			
	barnyard grass	crabgrass	fall panicum	foxtail, giant	foxtail, green	foxtail, yellow	witch grass	proso millet	buckwheat, wild	cocklebur	fleabane, Canada	lady's thumb	lamb's-quarters ^a	mustards ^a	nightshades, annual ^b	pigweeds ^{a,b}	ragweed, common ^{a,b}	ragweed, giant	velvetleaf	bindweed, field	horsetail	milkweed	nutsedge		quackgrass	sow-thistle	thistle, Canada
glyphosate ² + FIRSTRATE	9	9	9	9	9	9	9	9	8	9	8	8	9	9	9	9	9	8	9	7/8	5	8	8	9	8	9	E ²
glyphosate ² + PURSUIT	9	9	9	9	9	9	9	9	8	9	8	8	9	9	9	9	9	8	9	7/8	5	8	8	9	8	9	E ²
Postemergence Tank-Mixes																											
ASSURE II + BASAGRAN FORTÉ + PINNACLE	9	8	9	9	9	9	9	9	7	9	5	9	9	9	7	9	8	6	9	6	2	2	8	9	5	7	G
ASSURE II + PINNACLE	9	8	9	9	9	9	9	9	?	5	2	8	9	8	3	9	5	2	8	2	2	2	2	9	2	2	G
ASSURE II + CLASSIC	9	8	9	9	9	9	9	9	4	9	8	8	3	9	3	9	8	8	8	2	2	8	8	9	8	4	
BLAZER + BASAGRAN FORTÉ	0	0	0	0	0	0	0	0	7	9	5	9	8	9	8	9	9	6	9	7	6	5	8	2	6	7	F
EXCEL SUPER + BASAGRAN FORTÉ	9	8	9	9	9	9	9	9	7	9	5	9	8	9	7	7	8	6	9	6	2	2	8	4	5	7	G
EXCEL SUPER + BASAGRAN FORTÉ + PINNACLE	9	8	9	9	9	9	9	9	7	9	5	9	9	9	7	9	8	6	9	6	2	2	8	4	5	7	G
EXCEL SUPER + PINNACLE	9	8	9	9	9	9	9	9	?	5	2	8	9	8	3	9	5	2	8	2	2	2	2	4	2	2	G
PINNACLE + BASAGRAN FORTÉ	0	0	0	0	0	0	0	0	7	9	5	9	8	9	7	7	8	6	9	6	2	2	8	1	5	7	G
PINNACLE + REFLEX	0	0	0	0	0	0	0	0	8	7	2	8	9	9	8	9	9	7	8	?	?	?	?	?	?	?	G
PURSUIT + FIRSTRATE	9	8	6	9	9	9	9	7	8	9	9	9	8	9	9	9	9	9	9	2	2	?	7	2	7	7	G
PURSUIT + REFLEX	9	8	6	9	9	9	9	7	8	8	2	9	8	9	9	9	8	7	9	2	2	2	7	2	2	2	G

TRADE NAME	GRASSES								ANNUAL BROADLEAVES								PERENNIALS					CROP TOLERANCE					
	barnyard grass	crabgrass	fall panicum	foxtail, giant	foxtail, green	foxtail, yellow	witch grass	proso millet	buckwheat, wild	cocklebur	fleabane, Canada	lady's thumb	lamb's-quarters ^a	mustards ^a	nightshades, annual ^b	pigweeds ^{a,b}	ragweed, common ^{a,b}	ragweed, giant	velvetleaf	bindweed, field	horsetail		milkweed	nutsedge	quackgrass	sow-thistle	thistle, Canada
VENTURE L + BASAGRAN	9	8	9	8	8	8	9	8	7	9	5	9	7	9	7	7	8	6	9	6	2	2	8	9	5	7	G

* The high rate or a sequential application will be needed to achieve this level of control.
^a Group 5 (triazine) resistant biotypes exist. ^b Group 2 resistant biotypes exist. ^c PPI timing is required to achieve this level of control.
? Insufficient information available to make a rating. ¹ Indicates herbicides sold as a co-pack under this trade name.
² Use only on certified soybean seed designated as "Roundup Ready" Soybean. See Table 4-2, page 59, for a complete list registered products.
BOLD numbers indicate the weed is listed on the product label for control or suppression.

To order copies of Publication 75, Agdex 640, Price \$15.00 + GST:

- Visit ServiceOntario Publications website at www.ServiceOntario.ca/publications
- Contact ServiceOntario Publications Contact Centre at:
1-800-668-9938
416-326-5300
TTY 1-800-268-7095