

# SUNFLOWER

Herbicide	Product/A (ai/A)	Weeds	When to Apply	Remarks and Paragraphs
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Refer to page 12 for Fall or Spring Early Preplant Herbicides.

Refer to page 43 for additional herbicides to use in conventional or herbicide resistant sunflower.

## Soil-Applied Herbicides

<b>Eptam</b> (EPTC)	<b>2.5 to 3.5 pt</b> (2 to 3 lb)	Grass and some broadleaf weeds.	PPI.	No wild mustard control. PPI immediately after application. A1-2 B1 F1-2 J1
<b>Prowl</b> <b>Prowl H20</b> (pendimethalin)	<b>2.4 to 3.6 pt 3.3EC</b> <b>2.1 to 3 pt 3.8ACS</b> (1 to 1.5 lb)		PPI.	Poor wild oat and no wild mustard control. Adjust rate for soil type. Refer to label for tank-mix options. A1-2 B1 B6 E10 J1 X1 Y1 Y14. Pages: 78-80, 82-83.
	<b>3 to 3.6 pt 3.3EC</b> <b>2.7 to 3 pt 3.8ACS</b> (1.25 to 1.5 lb)		PRE - 30 days before to 1 day after seeding.	Apply PRE for no-till sunflower only.
trifluralin	<b>1 to 2 pt EC</b> <b>5 to 10 lb 10G</b> (0.5 to 1 lb)		PPI.	PPI within 24 hours after application. Poor wild oat and no wild mustard control. Adjust rate for soil type.
<b>Sonalan</b> (ethalfluralin)	<b>1.5 to 3 pt EC</b> <b>5.5 to 11.5 lb 10G</b> (0.55 to 1.15 lb)	Foxtail.	PPI. Spring. Fall: From October 1 to December 31.	Use highest rate allowed for nightshade control. A1-2 B1 B6 E10 J1 X1 Y1 Y14. Pages: 78-80, 82-83, 120-121.
	<b>7.5 to 11.5 lb 10G</b> (0.75 to 1.15 lb)		For use in reduced or conservation tillage. Incorporate twice at 2 to 3 inches deep using a V-blade under-cutter or rotary hoe. For fall applications, incorporate once in the fall and once in the spring before seeding. A1-2 B1 B6 E10 J1 X1 Y1 Y14. Pages: 78-80.	
<b>Dual Magnum</b> (S-metolachlor)	<b>1 to 2 pt</b> (0.95 to 1.9 lb)	Grass and some broadleaf weeds.	PPI or PRE.	No wild oat or wild mustard control. PPI improves consistency of control. Requires moisture for activation. A1-2 B1 E5 J1
<b>Spartan</b> (sulfentrazone)	<b>3 to 8 fl oz F</b> (1.5 to 4 oz)	Small-seeded broadleaf weeds including kochia, pigweed, lambsquarters, nightshade, and biennial wormwood.	EPP, shallow PPI, PRE or Fall.	Requires precipitation for activation. EPP applications up to 30 days prior to planting improves likelihood of activation by moisture. Adjust rate for soil type. Temporary sunflower injury may occur in coarse, low organic matter soils with pH greater than 7.8. May give 6 to 8 weeks residual weed control. A1-2 B1 E11 J1 J3 S1 S4-5 S7 Y15. Pages: 78-80.

## POST-Applied Herbicides

<b>Assert</b> (imazamethabenz)	<b>0.6 to 0.8 pt</b> (0.19 to 0.25 lb)	Wild mustard.	POST. Sunflower: Less than 8 leaves or 15 inches. Mustard species including canola: Prior to bloom.	Add NIS at 0.25% v/v. Sunflower injury may occur when applied at high temperature and humidity. A5 J1-2 S1 X1 Y2. Pages: 78-80, 120-121.
<b>Assure II / Targa</b> (quizalofop)	<b>7 to 10 fl oz</b> (0.77 to 1.1 oz)	Annual grasses and quackgrass.	POST. Sunflower: Refer to PHI.	Add oil adjuvant at 1% v/v but not less than 1 pt/A. Oil adjuvant at more than 1 qt/A is not needed. See Select Max label for detailed adjuvant recommendations.
<b>Poast</b> (sethoxydim)	<b>0.5 to 1.5 pt</b> (0.1 to 0.3 lb)	Annual grasses.	Grass: Refer to soybean section on page 26.	Refer to soybean section or label for tank-mix options, possible grass antagonism with broadleaf herbicides, and methods to avoid reduced grass control. Allow a 70 day PHI.
clethodim	<b>4 to 8 fl oz</b> (1 to 2 oz)	Annual grasses and quackgrass.		A3 A5-6 E2 J1 S2 S6 X1
<b>Select Max</b> (clethodim)	<b>9 to 32 fl oz</b> (1.125 to 4 oz)			Pages: 82-83, 120-121.

Pages 78-80 = Crop rotation restrictions, Pages 82-83 = Generic and commercial names, Pages 120-121 = Herbicides resistant weeds.

**Preharvest Herbicides**

glyphosate	Up to 0.75 lb ae <b>See Remarks.</b>	Preharvest weed control.	Backside of sunflower heads yellow and bracts turning brown at the shoulder. Seed moisture content under 35%.	Do not apply to sunflower grown for seed because reduced germination / vigor may occur. Use only registered formulations. Refer to label for adjuvant use. Add AMS fertilizer at 4 lb/100 gal, or more for hard water. Allow 7 days between application and harvest or livestock feeding. A3-7 B2 X1. Pages: 82-83, 120-121.
paraquat <b>RUP</b>	<b>1.5 to 2 pt 2SL</b> <b>1 to 1.35 pt 3SL</b> (0.375 to 0.5 lb)	Desiccant.		Use on both confectionery and oilseed varieties. Add NIS at 0.25% v/v. Most active in hot and sunny conditions. Randomly sample 10 average heads for seed moisture. Allow a 7 day PHI. B8. Pages: 82-83.
<b>Sharpen</b> (saflufenacil)  <b>Registration Pending</b>	<b>1 to 2 fl oz</b> (0.36 to 0.71 oz)			Do not apply to sunflower grown for seed because reduced germination / vigor may occur. Apply with MSO adjuvant at 1% v/v. May be tank-mixed with glyphosate. Allow a 7 day PHI.

**HERBICIDE RESISTANT SUNFLOWER**

Refer to page 42 for additional herbicides to use in conventional or herbicide resistant sunflower.

**Clearfield Sunflower**

Herbicide	Product/A (ai/A)	Weeds	When to Apply	Remarks and Paragraphs
<b>Beyond</b> (imazamox)	<b>4 fl oz</b> (0.5 oz ae)	Annual broadleaf weeds including wild mustard and black nightshade. No ALS-resistant kochia control.	EPOST. Sunflower: 2 to 8-leaf stage. Broadleaf weeds: Less than 3 inches tall. Grass weeds: Less than 4 to 5 leaves.	<b>Apply only to Clearfield sunflower varieties.</b> Add NIS at 0.25% v/v + UAN at 2.5% v/v. MSO and oil adjuvants are not prohibited but may increase activity and cause temporary crop injury. Refer to label for weeds controlled, adjuvant use, and tank-mix options. A3 A5-7 E9 J4 S3 S4 X1 Y1-2 Y17. Pages: 78-80, 120-121.

**Express Sun Sunflower**

Herbicide	Product/A (ai/A)	Weeds	When to Apply	Remarks and Paragraphs
<b>Express SG</b>	<b>0.25 to 0.5 oz SG</b> (0.125 to 0.25 oz)	Annual broadleaf weeds including wild mustard. Control or suppression of Canada thistle. No grass or ALS-resistant kochia control.	EPOST. Sunflower: 1-leaf stage but prior to bud formation.  Broadleaf weeds: Less than 3 inches tall.	<b>Apply only to Express Sun sunflower varieties.</b> MSO-type oil adjuvants at 1% v/v enhanced weed control more than NIS or petroleum oil adjuvants. Apply with a registered POST grass herbicide. Sequential applications are allowed but observe a 14 day interval between applications and do not exceed 1 oz/A. Allow a 70 day PHI. A3 A5-7 J1 J5 S3 T2 X1 Y1-2. Pages: 82-83, 120-121.

Pages 78-80 = Crop rotation restrictions, Pages 82-83 = Generic and commercial names, Pages 120-121 = Herbicides resistant weeds.

# SAFFLOWER

Herbicide	Product/A (ai/A)	Weeds	When to Apply	Remarks and Paragraphs
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Refer to page 12 for Fall or Spring Early Preplant Herbicides.

## Soil-Applied Herbicides

<b>Eptam</b> (EPTC)	<b>3.5 pt EC</b> <b>15 lb 20G</b> (3 lb)	Grass and some broadleaf weeds.	PPI.	Refer to narrative A1 for application information. Poor wild mustard control. A1-2 B1 S4
trifluralin	<b>1 to 2 pt EC</b> <b>5 to 10 lb 10G</b> (0.5 to 1 lb)		PPI. Fall or spring.	Poor wild oat and no wild mustard control. Adjust rate for soil type. Use highest rate allowed for nightshade control. A1-2 B1 B6 E10 S7 X1 Y1 Y14.
<b>Sonalan</b> (ethalfluralin)	<b>1.5 to 3 pt EC</b> <b>5.5 to 11.5 lb 10G</b> (0.55 to 1.15 lb)		PPI. Fall or Spring.	Pages: 78-80, 82-83.
metolachlor S-metolachlor	<b>1 to 2 pt</b> (0.95 to 1.9 lb)		PPI or PRE.	S-metolachlor may give greater weed control than metolachlor at equal product rates. Poor wild oat and wild mustard control. Shallow PPI gives more consistent weed control. A1-2 B1 E5 S4 Pages: 82-83.

## POST-Applied Herbicides

<b>Poast</b> (sethoxydim)	<b>0.5 to 1.5 pt</b> (0.1 to 0.3 lb)	Annual grasses.	POST. Safflower: Refer to PHI.	Add oil adjuvant at 1% v/v but not less than 1 pt/A. Oil adjuvant at more than 1 qt/A is not needed. See Select Max label for detailed adjuvant recommendations.
clethodim	<b>4 to 8 fl oz</b> (1 to 2 oz)	Annual grasses and quackgrass.	Grass weeds: Refer to soybean section on page 26.	Refer to soybean section or label for tank-mix options, possible grass antagonism with broadleaf herbicides, and methods to avoid reduced grass control. Allow a 70 day PHI. A3 A5-6 E2 S2 S6 X1 Pages: 82-83, 120-121.
<b>Select Max</b> (clethodim)	<b>9 to 16 fl oz</b> (1.125 to 2 oz)			

## Preharvest Herbicides


glyphosate	Up to 2.25 lb ae <b>See Remarks.</b>	Preharvest weed control.	When seed coat turns white, at least 20 days after end of flowering on secondary branches.	Use only registered formulations. Add AMS fertilizer at 4 lb/100 gal, or more for hard water. Refer to label for adjuvant use. Allow 7 days between application and harvest or livestock feeding. A3-7 B2 X1. Pages: 82-83, 120-121.
<b>Drexel Defol</b> (sodium chlorate)	<b>1 gal 6SL</b> (6 lb)	Desiccant.	After physiological maturity and 7 day PHI.	Contact herbicide requiring thorough coverage. Apply aerially at 5 to 10 gpa or by ground at 20 to 30 gpa. <b>Most active in hot and sunny conditions.</b>

Pages 78-80 = Crop rotation restrictions, Pages 82-83 = Generic and commercial names, Pages 120-121 = Herbicides resistant weeds.

Herbicide	Product/A (ai/A)	Weeds	When to Apply	Remarks and Paragraphs
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Refer to page 12 for Fall or Spring Early Preplant Herbicides.

**Soil-Applied Herbicides**

trifluralin	<b>1 to 2 pt</b> <b>5 to 10 lb 10G</b> (0.5 to 1 lb)	Grass and some broadleaf weeds.	PPI. Fall.	Adjust rate for soil texture. Deep incorporate within 24 hours after application. A1-2 B1 B6 E10 K1-2 S7 X1 Y14. Pages: 78-80, 82-83.
<b>Callisto</b> (mesotrione) 	<b>3 to 6 fl oz</b> (1.5 to 3 oz)	Most broadleaf weeds.	PRE.	For emerged weeds at application add petroleum oil adjuvant at 1% v/v + UAN at 2.5% v/v or AMS at 8.5 lb/100 gallons water. POST application will injure or kill flax. A3 A5-6 D7 K1 X1 Y9. Pages: 78-80.
<b>Spartan</b> (sulfentrazone)  <b>Section 18 and/or Section 3 (Fed.) Registration Pending</b>	<b>3 to 8 fl oz F</b> (1.5 to 4 oz)	Small-seeded broadleaf weeds including kochia, pigweed, lambsquarters, nightshade, and biennial wormwood.	EPP, shallow PPI, PRE or Fall.	Requires precipitation for activation. EPP applications up to 30 days prior to planting improves likelihood of activation by moisture. Adjust rate for soil type. May give 6 to 8 weeks residual weed control. Refer to label for application information. A1-2 B1 E11 K1 S1 S3-5 S7 Y5. Pages: 78-80.

**POST-Applied Herbicides**

bromoxynil	<b>1 pt</b> (0.25 lb)	Small broadleaf weeds.	POST. Flax: 2- to 8-inches tall.	Most active in hot and sunny conditions. Poor wild mustard control. Good buckwheat control. Flax injury is possible. K1
MCPA	<b>0.5 pt 4EC/SL</b> (0.25 lb ae)			Use MCPA ester on hard-to-kill weeds. Early application is less injurious to flax. K1
bromoxynil & MCPA	<b>0.9 pt 4EC</b> <b>11.4 fl oz 5EC</b> (0.23 & 0.23 lb ae)			Apply to small weeds prior to bud stage of flax. Risk of flax injury is greatest in hot and humid weather. K1. Pages: 82-83, 120-121.
clopyralid & MCPA <b>ND State 24c Registration Pending</b>	<b>1.33 to 1.75 pt</b> (1.1 to 1.5 & 6.25 to 8.25 oz ae)	Broadleaf weeds including Canada thistle and per. sowthistle.	POST. Flax: 2- to 6-inches tall. Canada thistle: 4- to 6-inches tall.	Apply after most thistle shoots have emerged. Allow a 72 day PHI. K1 C7 T2. Pages: 78-80, 82-83, 120-121.
<b>Assure II</b> <b>Targa</b> (quizalofop)	<b>8 to 10 fl oz</b> (0.88 to 1.1 oz)	Annual grasses and quackgrass.	POST. Flax: Refer to PHI.	Add oil adjuvant at 1% v/v but not less than 1 pt/A. Oil adjuvant at more than 1 qt/A is not needed. See Select Max label for detailed adjuvant recommendations. May be tank-mixed with bromoxynil or MCPA ester for broad-spectrum weed control. Refer to soybean section or label for tank-mix options, possible grass antagonism with broadleaf herbicides, and methods to avoid reduced grass control. Allow a 75 day PHI for Poast and 60 day PHI for clethodim. Refer to label for PHI of Assure II/Targa. Clethodim may injure flax when applied during bloom. A3 A5-6 E2 S2 S6 X1. Pages: 82-83, 120-121.
<b>Poast</b> (sethoxydim)	<b>0.5 to 1.5 pt</b> (0.1 to 0.3 lb)	Annual grasses.	Grass: Refer to soybean section on page 26.	
clethodim	<b>4 to 8 fl oz</b> (1 to 2 oz)	Annual grasses and quackgrass.		
<b>Select Max</b> (clethodim)	<b>9 to 16 fl oz</b> (1.125 to 2 oz)			

**Preharvest Herbicides**

glyphosate	Up to 0.75 ae <b>See Remarks.</b>	Emerged grass and broadleaf weeds including Canada thistle and perennial sowthistle.	Flax: Physiologically mature. Seed contains 30% or less moisture.	Use only registered formulations. Allow a 7 day PHI. <b>Do not apply to flax grown for seed because reduced germination / vigor may occur.</b> A3-7 B2 X1. Pages: 82-83, 120-121.
<b>Drexel Defol</b> (sodium chlorate)	<b>1 gal 6SL</b> (6 lb)	Desiccant.	70 to 80% of the bolls should be brown.	Contact herbicide requiring thorough coverage. Do not graze or feed treated straw. Allow a 7 day PHI.

Pages 78-80 = Crop rotation restrictions, Pages 82-83 = Generic and commercial names, Pages 120-121 = Herbicides resistant weeds.

# CANOLA, RAPESEED, AND CRAMBE

Herbicide	Product/A (ai/A)	Weeds	When to Apply	Remarks and Paragraphs
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Refer to page 12 for Fall or Spring Early Preplant Herbicides.

Refer to page 47 for additional herbicides to use in conventional or herbicide resistant canola.

## Soil-Applied Herbicides

trifluralin	<b>1 to 2 pt</b> <b>5 to 10 lb 10G</b> (0.5 to 1 lb)	Grass and some broadleaf weeds.	PPI. Spring or Fall.	Use only 1 to 1.5 pt/A on tame mustard varieties. Adjust rate for soil type. Use only registered formulations on crambe. A1-2 B1 B6 E10 S7 Y1 Y14. Pages: 78-80, 82-83.
<b>Sonalan</b> (ethalfluralin)	<b>1.5 to 2.5 pt</b> <b>5.5 to 9.5 lb 10G</b> (0.55 to 0.95 lb)	Grass and some broadleaf weeds. May suppress kochia.	PPI. Fall or Spring.	Adjust rate for soil type. Poor wild oat and no wild mustard control. May result in reduced crop stand or early injury. May provide greater broadleaf weed control than trifluralin. A1-2 B1 B6 E10 S7 Y1 Y14. Pages: 78-80.

## POST-Applied Herbicides

clopyralid	<b>4 to 8 fl oz</b> (1.5 to 3 oz ae)	Broadleaf weeds including Canada thistle and perennial sowthistle.	POST. Crop: 2- to 6-leaves. Annual weeds: Small. Thistle: 4 to 6 inches tall.	Apply after most thistle shoots have emerged. Allow a 7 day PHI and to graze crambe for livestock forage. Allow a 50 day PHI. Refer to label for other precautions. A3 L2 T2. Pages: 78-80, 82-83, 120-121.
<b>Assure II</b> <b>Targa</b> (quizalofop)	<b>7 to 10 fl oz</b> (0.77 to 1.1 oz)	Annual grasses and quackgrass.	POST. Crop: Refer to PHI. Clethodim: Prior to bolting.  Grass weeds: Refer to soybean section on page 26.	Add oil adjuvant at 1% v/v but not less than 1 pt/A. Oil adjuvant at more than 1 qt/A is not needed. See Select Max label for detailed adjuvant recommendations. Avoid drift to small grain and desirable grass species. Clethodim may injure canola when applied during bloom. Allow a 60 day PHI for Assure II and Poast. Allow a 70 day PHI for clethodim. A3 A5-6 E2 S2 S6 X1. Pages: 82-83, 120-121.
<b>Poast</b> (sethoxydim)	<b>1 to 1.5 pt</b> (0.2 to 0.3 lb)			
clethodim	<b>4 to 6 fl oz</b> (1 to 1.5 oz)			
<b>Select Max</b> (clethodim)	<b>9 to 16 fl oz</b> (1.125 to 2 oz)			

## TAME MUSTARD

trifluralin	<b>1.5 pt</b> <b>7 lb 10G</b> (0.5 to 1 lb)	Grass and some broadleaf weeds.	PPI. Spring or Fall.	Adjust rate according to soil type. A1-2 B1 B6 E10 S7 Y1 Y14. Pages: 78-80, 82-83.
clethodim	<b>4 to 6 fl oz</b> (1 to 1.5 oz)	Annual grasses and quackgrass.	POST. Crop: Prior to bolting. Grass weeds: Refer to soybean section.	Add oil adjuvant at 1% v/v but not less than 1 pt/A. Oil adjuvant at more than 1 qt/A is not needed. See Select Max label for detailed adjuvant recommendations. Allow a 70 day PHI. Avoid drift to small grain and desirable grass species. A3 A5-6 E2 S2 S6 X1. Pages: 82-83, 120-121.
<b>Select Max</b> (clethodim)	<b>9 to 16 fl oz</b> (1.125 to 2 oz)			

Pages 78-80 = Crop rotation restrictions, Pages 82-83 = Generic and commercial names, Pages 120-121 = Herbicides resistant weeds.

# HERBICIDE-RESISTANT CANOLA

Refer to page 46 for additional herbicides to use in conventional or herbicides resistant canola.

## Clearfield Canola

Herbicide	Product/A (ai/A)	Weeds	When to Apply	Remarks and Paragraphs
Beyond (imazamox)	4 fl oz (0.5 oz ae)	Annual grass and broadleaf weeds.	POST. Canola: Prior to bloom. Grass and broadleaf weeds: Small. Will not control ALS-resistant kochia.	<b>Apply only to Clearfield canola varieties.</b> Add NIS at 0.25% v/v + UAN at 1 to 2 qt/A. Apply with Stinger for improved Canada thistle control. Refer to label for weeds controlled and application information. Allow a 60 day PHI. A5-6 D12 X1 Y2. Pages: 78-80, 120-121.

## LibertyLink Canola

Herbicide	Product/A (ai/A)	Weeds	When to Apply	Remarks and Paragraphs																																				
Ignite 280 (glufosinate)	22 fl oz (0.4 lb)	Annual broadleaf weeds and control or suppression of grasses.	POST. Canola: Cotyledon up to early bolting stage. Broadleaf weeds: Up to 3 inches tall. Grass weeds: See Remarks.  Allow a 65 day PHI.	<b>Apply only to LibertyLink canola varieties.</b> Apply with a registered POST grass herbicide. Refer to label for tank-mix information. Add AMS fertilizer at 3 lb/A. Growth stage of grass weeds at application: <table border="1"> <thead> <tr> <th>Grass weed</th> <th># leaves</th> <th>Inches tall</th> <th># tillers</th> </tr> </thead> <tbody> <tr> <td>Green foxtail</td> <td>1 to 6</td> <td>&lt;4</td> <td>2 or less</td> </tr> <tr> <td>Yellow foxtail</td> <td>1 to 4</td> <td>&lt;2</td> <td>prior to tillering</td> </tr> <tr> <td>Wild oat*</td> <td>1 to 4</td> <td>&lt;4</td> <td>1 or less</td> </tr> <tr> <td>Barnyardgrass</td> <td>1 to 6</td> <td>&lt;3</td> <td>1 or less</td> </tr> <tr> <td>Proso millet</td> <td>1 to 6</td> <td>&lt;3</td> <td>1 or less</td> </tr> <tr> <td>Vol. wheat*</td> <td>1 to 4</td> <td>&lt;4</td> <td>1 or less</td> </tr> <tr> <td>Vol. barley*</td> <td>1 to 3</td> <td>&lt;3</td> <td>---</td> </tr> <tr> <td>Vol. corn</td> <td>1 to 4</td> <td>&lt;6</td> <td>—</td> </tr> </tbody> </table> * = A second application may be required. Non-residual, contact herbicide requiring thorough coverage. Most active in hot, sunny conditions. A3 A5-7 D13 S7 X1. Pages: 120-121.	Grass weed	# leaves	Inches tall	# tillers	Green foxtail	1 to 6	<4	2 or less	Yellow foxtail	1 to 4	<2	prior to tillering	Wild oat*	1 to 4	<4	1 or less	Barnyardgrass	1 to 6	<3	1 or less	Proso millet	1 to 6	<3	1 or less	Vol. wheat*	1 to 4	<4	1 or less	Vol. barley*	1 to 3	<3	---	Vol. corn	1 to 4	<6	—
Grass weed	# leaves	Inches tall	# tillers																																					
Green foxtail	1 to 6	<4	2 or less																																					
Yellow foxtail	1 to 4	<2	prior to tillering																																					
Wild oat*	1 to 4	<4	1 or less																																					
Barnyardgrass	1 to 6	<3	1 or less																																					
Proso millet	1 to 6	<3	1 or less																																					
Vol. wheat*	1 to 4	<4	1 or less																																					
Vol. barley*	1 to 3	<3	---																																					
Vol. corn	1 to 4	<6	—																																					

## Roundup Ready Canola

Herbicide	Product/A (ai/A)	Weeds	When to Apply	Remarks and Paragraphs																				
glyphosate	<b>Maximum single application =</b> 0.56 lb ae  <b>Maximum in-crop =</b> 0.75 lb ae <b>See Remarks.</b>	Annual and perennial grass and broadleaf weeds.	Canola: Emergence to bolting - (5- to 6-leaf). Do not apply after the 6-leaf stage or once bolting begins because canola injury may occur.  Apply once or twice as needed.	<b>Apply only to Roundup Ready canola varieties.</b> <table border="1"> <thead> <tr> <th>lb ae/gal</th> <th>lb ai/gal</th> <th>Maximum - single appl.</th> <th>Maximum - season</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>4</td> <td>= 1.5 pt</td> <td>2 pt</td> </tr> <tr> <td>4/4.17</td> <td>5.4/5.1</td> <td>= 1.12 pt</td> <td>1.5 pt</td> </tr> <tr> <td>4.5</td> <td>5.5</td> <td>= 1 pt</td> <td>1.33 pt</td> </tr> <tr> <td>5</td> <td>6.1</td> <td>= 15 fl oz</td> <td>1.25 pt</td> </tr> </tbody> </table> Add AMS fertilizer at 4 lb/100 gal, or more for hard water. Sprayer overlap may result in yellowing, delayed flowering, and growth reduction. Allow a minimum interval of 10 days between applications. Allow an 8 week PHI. Avoid drift. Refer to label for additional application information and page 74 for control of volunteer RUR canola. A4-7 D14 X1. Pages: 82-83, 120-121.	lb ae/gal	lb ai/gal	Maximum - single appl.	Maximum - season	3	4	= 1.5 pt	2 pt	4/4.17	5.4/5.1	= 1.12 pt	1.5 pt	4.5	5.5	= 1 pt	1.33 pt	5	6.1	= 15 fl oz	1.25 pt
lb ae/gal	lb ai/gal	Maximum - single appl.	Maximum - season																					
3	4	= 1.5 pt	2 pt																					
4/4.17	5.4/5.1	= 1.12 pt	1.5 pt																					
4.5	5.5	= 1 pt	1.33 pt																					
5	6.1	= 15 fl oz	1.25 pt																					

Refer to page 74 for control of volunteer Roundup Ready canola, corn and soybean.

Pages 78-80 = Crop rotation restrictions, Pages 82-83 = Generic and commercial names, Pages 120-121 = Herbicides resistant weeds.