

Company

**BASF**

Trade Name

**Raptor**

Common Name

imazamox

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Raptor	1 S	4	1	Yes	--	--
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RestrictedUse

No

Low Rate (lb ai/A)

0.03

High Rate (lb ai/A)

0.04

Forage, Feed, and Grazing Restrictions:

Do not graze or feed treated soybean forage, hay or straw to livestock. No waiting period between application of Raptor and cutting or feeding alfalfa forage or hay.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Direct Seeded Forage Legumes	second trifoliolate	before bud stage	0
Dry Edible Beans	one expanded trifoliolate	before bloom	60
Established Forage Legumes	none	before regrowth exceeds 3 inches	0
Soybean	none	prior to bloom	85

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	3	4	18	8.5	0	3	18	9	9	0	9	4	9	0	3	18	9	8.5	3							
pH < 6.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-							



**Company**  
**Dow AgroSciences**

**Trade Name**  
**Redeem**  
 Package Mix: Yes

**Common Name**  
 triclopyr & clopyralid  
 2.25 lb/gal & 0.75 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Redeem R&P	3 S	48	2	Yes	--	--

**Restricted Use**  
 No

<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
0.56	1.5

**Forage, Feed, and Grazing Restrictions:**

GRAZING or HARVESTING GREEN FORAGE: For lactating dairy animals, do not graze or harvest green forage from treated area for 14 days after treatment. For other livestock, there are no grazing restrictions. HARVESTING DRY FORAGE: For lactating dairy animals, do not harvest hay until the next growing season. For other livestock, do not harvest hay for 7 days after treatment. SLAUGHTER RESTRICTIONS: Withdraw livestock from grazing treated grass or consumption of treated hay at least 3 days before slaughter. This restriction applies to grazing during the season of treatment or hay harvested during the season of treatment.

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

\* Labeled for permanent grass pastures. Do not plant broadleaf crops in treated areas until an adequately sensitive bioassay shows that clopyralid is no longer detectable in the soil.

**Company**  
**Syngenta**

**Trade Name**  
**Reflex**

**Common Name**  
 fomesafen

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Reflex	2 LC	24	1	Yes	--	--

Restricted Use	Low Rate (lb ai/A)	High Rate (lb ai/A)
No	0.188	0.25

**Forage, Feed, and Grazing Restrictions:**

Do not graze treated areas or harvest for forage or hay. Do not graze rotated small grain crops or harvest forage or straw for livestock.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Dry Edible Beans	n.a.	n.a.	30
Soybean	none	prior to bloom	none

**Crop Replant and Rotational Restrictions**

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General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	18	4	18	10	10	4	18	10	4	10	18	4	18	0	4	18	18	10*	4	18	18	18	18	18	10	18

\* 18 months before rotation for all areas north of I-94 and south of Highway 2. Popcorn rotation 12 months if more than 1 pt/A applied.

**Company**  
**Dow AgroSciences**

**Trade Name**  
**Remedy**  
 Package Mix: No

**Common Name**  
 triclopyr

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Remedy	4 E			Yes	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
No	1	4

**Forage, Feed, and Grazing Restrictions:**

GRAZING of HARVESTING GREEN FORAGE: For lactating dairy animals, do not graze or harvest green forage for 14 days (if 2 quarts/acre or less is applied) or until the next season (greater than 2 up to 6 quarts/acre product applied). For other livestock, no grazing restrictions (if 2 quarts/acre or less is applied or less than 25% of the grazing area is treated at a rate greater than 2 quarts/acre), otherwise do not graze or harvest green forage for 14 days after treatment (greater than 2 up to 6 quarts/acre product applied). HARVESTING DRY FORAGE: Do not harvest hay for lactating dairy animals until the next year. For other animals, do not harvest for hay until 7 days after treatment (2 quarts/acre or less is applied) or 14 days after treatment (greater than 2 up to 4 quarts/acre product applied). If greater than 4 quarts/acre is applied, do not harvest for hay until the next growing season. SLAUGHTER RESTRICTIONS: Withdraw livestock from grazing treated grass or consumption of treated hay at least 3 days before slaughter. This restriction applies to grazing during the season following treatment or hay harvested during the season following treatment.

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

\* Labeled for permanent grass pastures only.

**Company**  
**DuPont**

**Trade Name**  
**Resolve**

**Common Name**  
rimsulfuron

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Resolve	25 DF	4	4	Yes	--	--

**Restricted Use**  
No

Low Rate (lb ai/A)	High Rate (lb ai/A)
0.008	0.031

**Forage, Feed, and Grazing Restrictions:**

Do not graze, feed forage, grain or fodder (stover) from treated areas to livestock within 30 days of application.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	none	12 inches or 5 collars	30

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
1 oz/A maximum rate	10*	9	10*	0	10	9	18	18	9	18	0	18	10*	10	9	10*	10	10	4	18	18	18	18	18	10	1
2 oz/A maximum rate	18	9	18	0	10	9	18	18	9	18	0	18	18-	10	9	18	10	10	4	18	18	18	18	18	10	1

\* 18 months if drought conditions prevail after application and before the rotational crop is planted (unless >15 inches irrigation water applied).

Company

Valent

Trade Name

Resource

Common Name

flumiclorac

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Resource	0.86 L	12	1	--	--	--
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RestrictedUse

No

Low Rate (lb ai/A)

0.027

High Rate (lb ai/A)

0.054

Forage, Feed, and Grazing Restrictions:

Do not graze animals on green corn forage or use for seed less than 28 days after application. Do not graze treated soybean fields or harvest for forage or hay.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
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Corn	2 collar	10 collar	28
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Soybean	none	none	60
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**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	1	3	1	0	1	3	1	1	3	1	1	3	1	0	3	1	1	1	3	1	1	1	1	1	1	1

Company

**BASF**

Trade Name

**Rezult**

Common Name

sethoxydim + bentazon

Package Mix: Yes

1 lb/gal + 5 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Rezult	1E + 5S	48	1	Yes	--	--
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RestrictedUse

No

Low Rate (lb ai/A)

High Rate (lb ai/A)

**Forage, Feed, and Grazing Restrictions:**

Do not graze treated soybean fields and do not feed treated soybean forage (green succulent) or ensilage to livestock. Do not cut treated soybean fields for forage or hay for at least 30 days after treatment. Do not graze treated Poast Protected corn for at least 12 days after treatment.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
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Dry Edible Beans	none	none	30
Soybean	none	none	75

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							



**Company**  
**Bayer CropScience**

**Trade Name**  
**Rimfire**  
 Package Mix: Yes

**Common Name**  
 mesosulfuron & propocarbazone & safener  
 2.03% & 8.14%

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Rimfire	10.17 DF	12	4	Yes	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
No	0.011	0.014

**Forage, Feed, and Grazing Restrictions:**

Forage = 30 days PHI, Grain and Straw = 71 days PHI.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Durum Wheat	emergence	flag leaf emergence	71
Spring Wheat	emergence	flag leaf emergence	71
Winter Wheat	emergence	flag leaf emergence	71

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
general	10	10	10	12	10	0	10	10	10	10	12	10	10	10	0	12	10	12	0	-	-	-	-	-	-	-



Company  
**Monsanto**

Trade Name  
**Roundup**

Common Name  
 glyphosate

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Roundup Custom	4 S	4	6	Yes	--	--
Roundup Original	3 S	4	6	Yes	--	--

RestrictedUse  
 No

<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
0.25	3

**Forage, Feed, and Grazing Restrictions:**

Do not graze or feed corn forage or fodder following applications through hooded sprayers. Do not feed or graze treated milo fodder or ensile treated milo. Do not graze or harvest treated soybeans within 25 days of the last preharvest application. Do not feed or graze sunflower following application. For any other broadcast postemergence treatment, do not harvest or feed treated vegetation for 8 weeks following application.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Dry Edible Beans	spot treatment, none	spot treatment, none	14
RR Corn	none	8 collar or 30 inches	7 days for preharvest applications

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							

Company  
**Monsanto**

Trade Name  
**Roundup Original MAX**

Common Name  
 glyphosate

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Roundup Original MAX	4.5 S	4	1-2	Yes	--	--

RestrictedUse

No

Low Rate (lb ai/A)

High Rate (lb ai/A)

Forage, Feed, and Grazing Restrictions:

Do not graze or feed corn forage or fodder following applications through hooded sprayers. Do not feed or graze treated milo fodder or ensile treated milo. Do not graze or harvest treated soybeans within 25 days of the last preharvest application. Do not feed or graze sunflower following application. For any other broadcast postemergence treatment, do not harvest or feed treated vegetation for 8 weeks following application.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
RR Alfalfa	none	none	5
RR Canola	emergence	6 leaf	60
RR Corn	none	8 collar or 30 inches	7 days for preharvest applications
RR Soybean	none	prior to R3 stage	7

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							

Company  
**Monsanto**

Trade Name  
**Roundup UltraMAX II**

Common Name  
 glyphosate

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Roundup UltraMax II	4.5 S	4	1-2	Yes	--	--

RestrictedUse  
 No

<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
0.25	3

**Forage, Feed, and Grazing Restrictions:**

Do not graze or feed corn forage or fodder following applications through hooded sprayers. Do not feed or graze treated milo fodder or ensile treated milo. Do not graze or harvest treated soybeans within 25 days of the last preharvest application. Do not feed or graze sunflower following application. For any other broadcast postemergence treatment, do not harvest or feed treated vegetation for 8 weeks following application.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
RR Alfalfa	none	none	5
RR Corn	none	8 collar or 30 inches	7 days for preharvest applications

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							

Company  
**Monsanto**

Trade Name  
**Roundup WeatherMAX**

Common Name  
 glyphosate

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Roundup WeatherMAX	4.5 S	4	0.5	Yes	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
No	0.25	3

**Forage, Feed, and Grazing Restrictions:**

For preharvest applications in corn, allow at least 7 days between application and feeding of stover or grain. Do not feed or graze treated grain sorghum fodder or ensile treated grain sorghum. Do not graze or harvest treated soybeans within 25 days of the last preharvest application. If the preharvest application rate in soybeans is less than 22oz/A the grazing restriction is reduced to 14 days. Do not feed or graze sunflower following application. For any other broadcast postemergence treatment, do not harvest or feed treated vegetation for 8 weeks following application.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
RR Alfalfa	none	none	5
RR Canola	emergence	6 leaf	60
RR Corn	none	8 collar or 30 inches	7 days for preharvest applications
RR Soybean	none	prior to R3 stage	7

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							

**Company**  
**United Agri Products**

**Trade Name**  
**Saber**  
 Package Mix: No

**Common Name**  
 2,4-D

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Saber	3.8 SL	48	1	Yes	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
No	0.12	1.4

**Forage, Feed, and Grazing Restrictions:**

Do not permit dairy animals or meat animals being finished for slaughter to forage or graze treated grain fields within 2 weeks after treatment. Do not feed treated straw to livestock if an emergency and/or preharvest treatment is applied.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Barley	3 leaf and tillering	before boot	none
Corn	spike	8 inches	none
Durum Wheat	3 leaf and tillering	before boot	none
Oats	fully tillered	before boot	none
Rye	3 leaf and tillering	before boot	none
Spring Wheat	3 leaf and tillering	before boot	none
Winter Wheat	3 leaf and tillering	before boot	none

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	1*	29 days	1*	29 days	1*	29 days	1*	1*	29 days	1*	1*	29 days	29 days	NCS	29 days	1*	1*	29 days	29 days							

\* Risk of injury may still exist after 30 days when soil conditions are cool, excessively wet or dry, and when higher rates are used.

Company  
**United Agri Products**

Trade Name  
**Salvo**  
 Package Mix: No

Common Name  
 2,4-D

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Salvo	5 EC	12	1	Yes	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
No	0.125	1

**Forage, Feed, and Grazing Restrictions:**

Do not permit dairy animals or meat animals being finished for slaughter to forage or graze treated grain fields within 2 weeks after treatment. Do not feed treated straw to livestock if an emergency and/or preharvest treatment is applied. Do not forage or feed corn fodder for 7 days following application.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Barley	3 leaf and tillering	before boot	none
Corn	spike	8 inches	none
Durum Wheat	3 leaf and tillering	before boot	none
Oats	fully tillered	before boot	none
Spring Wheat	3 leaf and tillering	before boot	none
Winter Wheat	3 leaf and tillering	before boot	none

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	1*	29 days	1*	29 days	1**	29 days	1*	1*	29 days	1*	1*	29 days	29 days	29 days	29 days	1*	1*	29 days	29 days							

\* Risk of injury may still exist after 30 days when soil conditions are cool, excessively wet or dry, and when higher rates are used.



Company  
**Agrilience**

Trade Name  
**Section**

Common Name  
clethodim

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Section	2 EC	24	1	Yes	--	--

Restricted Use

No

Low Rate (lb ai/A)

0.063

High Rate (lb ai/A)

0.25

**Forage, Feed, and Grazing Restrictions:**

Do not graze treated soybean fields or feed treated forage or hay to livestock. Do not apply within 15 days of grazing, feeding, or harvesting alfalfa for forage or hay.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Canola	cotyledon	Prior to bolting	70
Direct Seeded Forage Legumes	none	none	15
Dry Edible Beans	none	none	30
Established Forage Legumes	none	none	15
Flax	none	Prior to bloom	60
Soybean	none	none	60
Sugarbeet	none	none	40
Sunflower	none	none	70

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	0	1	0	1	0	1	0	1	1	1	0	1	1	0	1	0	0	1	1	0	0	0	0	0	1	0

Company

Valent

Trade Name

Select

Common Name

clethodim

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Select	2 EC	24	1	Yes	--	--

RestrictedUse

No

Low Rate (lb ai/A)

0.063

High Rate (lb ai/A)

0.25

Forage, Feed, and Grazing Restrictions:

Do not graze treated soybean fields or feed treated forage or hay to livestock. Do not apply within 15 days of grazing, feeding, or harvesting alfalfa for forage or hay.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Canola	cotyledon	Prior to bolting	70
Direct Seeded Forage Legumes	none	none	15
Dry Edible Beans	none	none	30
Established Forage Legumes	none	none	15
Flax	none	Prior to bloom	60
Soybean	none	none	60
Sugarbeet	none	none	40
Sunflower	none	none	70

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	0	1	0	1	0	1	0	1	1	1	0	1	1	0	1	0	0	1	1	0	0	0	0	0	1	0

Company

**Valent**

Trade Name

**Select Max**

Common Name

clethodim

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Select Max	0.97 EC	24	1	Yes	--	--
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RestrictedUse

No

Low Rate (lb ai/A)

0.045

High Rate (lb ai/A)

0.18

Forage, Feed, and Grazing Restrictions:

Do not graze treated soybean fields or feed treated forage or hay to livestock. Do not apply within 15 days of grazing, feeding, or harvesting alfalfa for forage or hay.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Canola	cotelydon	Prior to bolting	70
Dry Edible Beans	none	none	30
Flax	none	Prior to bloom	60
Soybean	none	none	60
Sugarbeet	none	none	40
Sunflower	none	none	70

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	0	1	0	1	0	1	0	1	1	1	0	1	1	0	1	0	0	1	1	0	0	0	0	0	1	0

**Company**  
**Bayer CropScience**

**Trade Name**  
**Sencor**  
 Package Mix: No

**Common Name**  
 metribuzin

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Sencor Solupak	75 DF	12	2	Yes	Yes	--
Sencor	75 DF	12	2	Yes	Yes	--

RestrictedUse	Low Rate (lb ai/A)	High Rate (lb ai/A)
No	0.25	0.88

**Forage, Feed, and Grazing Restrictions:**

Treated soybean vines may be fed to livestock 40 days after application. Field corn treated with Sencor may be grazed or harvested for silage or grain 60 days after treatment. Do not graze or harvest alfalfa within 28 days after application.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	emergence	30 inches	60
Established Forage Legumes	n.a.	n.a.	28
Soybean	n.a.	n.a.	none

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	4	8*	12	4	12	8*	12	12	12	8	12	12	12	4	8*	18	12	4	8*	12	12	18	12	12	12	4

\* 4 months following peas, lentils, or soybeans.

**Company**  
**United Agri Products**

**Trade Name**  
**Shotgun**  
 Package Mix: Yes

**Common Name**  
 atrazine & 2,4-D  
 2.25 lb/gal & 1 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Shotgun	3.25 F	12	1-2	Yes	--	--

Restricted Use	Low Rate (lb ai/A)	High Rate (lb ai/A)
Yes	0.81	1.22

**Forage, Feed, and Grazing Restrictions:**

Do not graze or feed forage from treated areas for 21 days following application.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	spike	4 leaf or 8 inches	21

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General*	NCS	NCS	NCS	21 days	NCS	NCS	NCS	NCS	NCS	NCS	NCS	NCS	21 days	NCS**	NCS	NCS	NCS	NCS	NCS							

\* Contact your local Agricultural Extension Service regarding potential for carryover injury for your soil types and environmental conditions; \*\* Injury may occur the year following application in soils having a calcareous surface layer.

**Company**  
**Bayer CropScience**

**Trade Name**  
**Silverado**  
 Package Mix: No

**Common Name**  
 mesosulfuron

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Silverado	2 WDG	24	4	Yes	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
No	0.00219	0.00281

**Forage, Feed, and Grazing Restrictions:**

Do not apply Silverado within 30 days of harvesting wheat forage, 50 days for hay, and 55 days for grain or straw.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Durum Wheat	emergence	55 days prior to harvest	55
Spring Wheat	emergence	55 days prior to harvest	55
Winter Wheat	emergence	55 days prior to harvest	55

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
	10	1	10	12	3	7 days	10	10	10	3	10	10	10	3	7 days	10	1	12	7 days	10	10	10	10	10	10	10



Company

several

Trade Name

sodium chlorate, others

Common Name

sodium chlorate

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
sodium chlorate, others				--	--	--

RestrictedUse

No

Low Rate (lb ai/A)

High Rate (lb ai/A)

Forage, Feed, and Grazing Restrictions:

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Dry Edible Beans	7-10 days preharvest	--	7
Soybean	n.a.	n.a.	7 to 10
Sunflower	n.a.	n.a.	7 to 10

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
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**Company**  
**Dow AgroSciences**

**Trade Name**  
**Spike**  
 Package Mix: No

**Common Name**  
 tebuthiuron

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Spike	80 DF		n.a.	--	--	--
	20 P		n.a.	--	--	--
<b>RestrictedUse</b>		<b>Low Rate (lb ai/A)</b>	<b>High Rate (lb ai/A)</b>			
No		0.75	4			

**Forage, Feed, and Grazing Restrictions:**  
 No restrictions on the label.

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

\* Permanent grass pastures only. If renovating, grass seed may be broadcast seeded without any soil disturbance in the fall or spring following application. Do not reseed otherwise for at least two growing seasons.

**Company**  
**Rohm and Haas**

**Trade Name**  
**Stampede**

**Common Name**  
 propanil

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Stampede	81 DF	24	4	--	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
No	1	1.13

**Forage, Feed, and Grazing Restrictions:**

Do not graze treated crop or cut for green chop feed.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Barley	2 leaf	4 leaf	none
Durum Wheat	2 leaf	4 leaf	none
Oats	2 leaf	4 leaf	none
Spring Wheat	2 leaf	5 leaf	none

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							

Company  
**United Agri Products**

Trade Name  
**Starane**

Common Name  
 fluroxypyr

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Starane	1.5 EC	12	6	Yes	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
No	0.094	0.25

**Forage, Feed, and Grazing Restrictions:**

Do not allow livestock to graze treated areas or harvest treated forage within 47 days of application in corn, 40 days in grain sorghum, or 7 days in oats, barley or wheat. Do not apply less than 90 days before harvest of grain or stover in corn, 70 days in grain sorghum, or 40 days in oats, barley or wheat.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Barley	2 leaf	flag leaf	40
Corn	none	through 5 collars	90
Durum Wheat	2 leaf	flag leaf	40
Oats	2 leaf	flag leaf	40
Spring Wheat	2 leaf	flag leaf	40
Winter Wheat	2 leaf	flag leaf	40

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	4	0	4	0	4	0	4	4	0	4	4	4	0	4	0	4	4	0	0	4	4	4	4	4	4	4





**Company**  
**Dow AgroSciences**

**Trade Name**  
**Starane + Sword**

**Common Name**  
 fluroxypyr & MCPA

Package Mix: Yes

0.71 lb/gal & 2.84 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Starane + Sword	3.55 E	12	6	Yes	--	--

**RestrictedUse**

No

**Low Rate (lb ai/A)**

**High Rate (lb ai/A)**

**Forage, Feed, and Grazing Restrictions:**

Do not allow livestock to graze treated areas or harvest treated forage within 7 days in oats, barley or wheat. Do not apply closer than 40 days before cutting of hay or harvesting of straw.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Barley	3 leaf	flag leaf emergence	40
Durum Wheat	3 leaf	flag leaf emergence	40
Oats	3 leaf	flag leaf emergence	40
Spring Wheat	3 leaf	flag leaf emergence	40
Winter Wheat	3 leaf	flag leaf emergence	40

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	4	0	4	4	4	0	4	4	0	4	4	0	4-	4	0	4	4	4	0	4	4	4	4	4	4	4



Company

DuPont

Trade Name

Steadfast

Common Name

nicosulfuron & rimsulfuron

Package Mix: Yes

50% & 25%

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Steadfast	75 WDG	4	4	Yes	--	--
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RestrictedUse

No

Low Rate (lb ai/A)

0.035

High Rate (lb ai/A)

Forage, Feed, and Grazing Restrictions:

Do not graze or feed forage, hay or straw from treated areas to livestock within 30 days of application.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
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Corn	none	up to 20 inches or up to and including 6 collars (12 inches or up to 5 collars on 77 to 88 day corn)	30
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**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	10*	8	10*	0	10	8	-	10	8	10	10*	8	-	15 days	8	-	10*	10**	4	-	-	-	-	-	-	-
pH < 6.5	-	-	-	-	-	-	10	-	-	-	-	-	10	-	-	10#	-	-	-	10	10	10	10	10	10	10
pH >7.5	-	-	-	-	-	-	18	-	-	-	-	-	18	-	-	18#	-	-	-	18	18	18	18	18	18	18
pH 6.5 to 7.5	-	-	-	-	-	-	18	-	-	-	-	-	10	-	18	18	-	-	-	18	18	18	18	18	18	18

\* 18 months if driught conditions prevail after application and before rotational crop is planted; \*\* Including popcorn and seed corn. 15 months for sweet corn varieties 'Merit', 'Carnival', and 'Sweet Success'; # In northwest Minnesota, rainfall must exceed 28" prior to rotation; ## East and south of the Red River Valley where rainfall plus irrigation exceeds 25" prior to planting beets.

Company

DuPont

Trade Name

Steadfast ATZ

Common Name

nicosulfuron & rimsulfuron & atrazine

Package Mix: Yes

2.7% & 1.3% & 85.3%

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Steadfast ATZ	89.3 WDG	12	4	Yes	--	--
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RestrictedUse

Yes

Low Rate (lb ai/A)

0.035

High Rate (lb ai/A)

Forage, Feed, and Grazing Restrictions:

Do not graze or feed forage, hay or straw from treated areas to livestock within 30 days of application.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
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Corn	none	up to 12 inches or up to and including 6 collars (do not apply if 7 or more collars are visible)	30
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**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General*	10	18	18	0	18	18	18	18	18	18	18	18	10	18	18	18	18	10**	10	18	18	18	18	18	18	18

\* If applied after July 1, do not rotate with crops other than corn or sorghum the next year. \*\* Including popcorn and seed corn.

**Company**  
**Agrilience**

**Trade Name**  
**Sterling**

**Common Name**  
dicamba

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Sterling	4 S	12	2-4	Yes	--	--

**Restricted Use**

No

Low Rate (lb ai/A)	High Rate (lb ai/A)
0.06	2

**Forage, Feed, and Grazing Restrictions:**

CORN: May be harvested or grazed for feed once the crop has reached the ensilage (milk) stage or later in maturity. SORGHUM: Do not graze or feed treated sorghum forage or silage prior to mature grain stage. PASTURES and SMALL GRAINS/SORGHUM (if used for pasture or hay): Animals cannot be removed from treated area for slaughter prior to 30 days after last application; There is no waiting period between treatment and grazing for non-lactating animals; For lactating dairy animals, grazing and hay harvest restrictions are rate dependent. Up to 0.5 lb ai/A, allow 7 days before grazing and 37 days before hay harvest. Up to 1.0 lb ai/A, allow 21 days before grazing and 51 days before hay harvest. Up to 2.0 lb ai/A, allow 40 days before grazing and 70 days before hay harvest.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Barley	none	4 leaf	none
Corn	none	8 inches or 5 leaf (see label)	none
Durum Wheat	1 leaf	5 leaf	none
Oats	1 leaf	5 leaf	none
Spring Wheat	none	5 leaf	none
Winter Wheat	spring application only	prior to jointing	none

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	+	NCS	+	NCS	+	NCS	+	+	NCS	+	+	NCS	NCS	NCS*	NCS	+	+	NCS	+							

\* Interval depends on rate, rainfall, and location. See Label.

**Company**  
Agrilience

**Trade Name**  
Sterling Plus

**Common Name**  
dicamba & atrazine

Package Mix: Yes

1.1 lb/gal & 2.1 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Sterling Plus	3.2 F	48	4	Yes	--	--

**RestrictedUse**  
Yes

<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
0.8	1.4

**Forage, Feed, and Grazing Restrictions:**

Corn can be harvested or grazed for feed once the crop has reached the ensilage (milk stage) or later in maturity. Sorghum may be harvested or grazed for feed once the crop has reached the mature grain stage.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	none	12 inches	none

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	2CS	2CS	2CS	0	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS	0	NCS*	2CS	2CS	2CS	2CS	2CS							

\* Injury may occur in areas with a calcareous soil layer.

**Company**  
Dow AgroSciences

**Trade Name**  
Stinger  
Package Mix: No

**Common Name**  
clopyralid

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Stinger	3 S	12	2	Yes	--	--

Restricted Use	Low Rate (lb ai/A)	High Rate (lb ai/A)
No	0.09	0.5

**Forage, Feed, and Grazing Restrictions:**

Do not permit lactating dairy animals or meat animals being finished for slaughter to forage or graze treated grain fields within 1 week from treatment. Do not harvest hay from treated grain fields. Do not allow livestock to graze treated corn or harvest treated corn silage as feed within 40 days after last treatment. No restrictions on grazing or hay harvesting in rangeland or grass pasture situations. Do not feed or graze canola fields. Do not cut canola for forage. Do not graze sweet corn or popcorn fields for forage within 30 days of last treatment nor harvest for stover within 60 days of last treatment.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Barley	3 leaf	early boot	none
Canola	2	6	50
Corn	emergence	24 inches	40
Durum Wheat	3 leaf	early boot	none
Oats	3 leaf	early boot	none
Spring Wheat	3 leaf	early boot	none
Sugarbeet	cotelydon	8 leaf	45
Winter Wheat	3 leaf	early boot	none

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General and Specific Restrictions	10.5	0	0	0	10.5*	0	0	10.5*	0	18**	18**	0	10.5	10.5*	0	0	10.5*	10.5	0	10.5	18**	18**	18**	18**	18**	18**

\* 18 months if <2% organic matter and <15 inches rainfall during the 12 months after application; \*\*If <2% organic matter and <15 inches rainfall during the 12 months after application, a bioassay is recommended. Refer to label for details.

**Company**  
**United Phosphorus Inc.**

**Trade Name**  
**Storm**

**Common Name**  
 bentazon & acifluorfen

Package Mix: Yes

2.67 lb/gal & 1.33 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Storm	4 S	48	4	Yes	--	--

**Restricted Use**  
 No

Low Rate (lb ai/A)	High Rate (lb ai/A)
0.75	

**Forage, Feed, and Grazing Restrictions:**

Do not use treated plants for feed or forage.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Soybean	none	none	50

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	NCS	NCS	NCS	NCS	NCS	NCS	NCS	NCS	NCS	NCS	18	NCS	NCS	0	NCS	18	NCS	NCS	NCS	NCS	18	18	NCS	NCS	NCS	NCS

**Company****DuPont****Trade Name****Stout****Common Name**

nicosulfuron &amp; thifensulfuron

Package Mix: Yes

67.5% &amp; 5%

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Stout	72.5 DG	4	4	Yes	--	--
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**Restricted Use**

No

**Low Rate (lb ai/A)**

0.036

**High Rate (lb ai/A)**

0.054

**Forage, Feed, and Grazing Restrictions:**

Do not graze or feed forage, hay or straw from treated areas to livestock within 30 days of Stout application.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
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Corn	none	16" inches or 5 collars	30
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**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	10*	8	10*	0	10	8	18	18	8	10	10*	8	10	0.5	8	10	10*	10**	4	18	18	18	18	18	10	18
Soil pH >6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18#	-	-	-	-	-	-	-	-	-	-
Soil pH >7.5	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-

\* 12 months if drought conditions prevail unless sprinkler irrigation of greater than 15" applied during growing season; \*\* 15 months for varieties 'Merit', 'Carnival', 'Sweet Success'; # Minimum 28 inches of precipitation required prior to rotation.





Company  
**United Agri Products**

Trade Name  
**Sword**  
 Package Mix: No

Common Name  
 MCPA

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Sword	5.2 SC	12	1	Yes	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
No	0.12	1.3

**Forage, Feed, and Grazing Restrictions:**

Do not forage or graze dairy and meat animals on treated areas within seven days of slaughter.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Barley	fully tillered	before boot	none
Durum Wheat	fully tillered	before boot	none
Flax	2 inches	before bud	none
Oats	fully tillered	before boot	none
Rye	fully tillered	before boot	none
Spring Wheat	fully tillered	before boot	none
Winter Wheat	fully tillered	before boot	none

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							

Company

DuPont

Trade Name

Synchrony XP

Common Name

chlorimuron & thifensulfuron

Package Mix: Yes

21.5% & 6.9%

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Synchrony XP	28.4 DF	12	1	Yes	--	Yes

RestrictedUse

No

Low Rate (lb ai/A)

0.007

High Rate (lb ai/A)

Forage, Feed, and Grazing Restrictions:

Do not graze treated fields or harvest for forage or hay.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Soybean	after first trifoliolate is open	none	60
STS Soybean	after first trifoliolate is open	none	60

**Crop Replant and Rotational Restrictions**

Data listed in months unless otherwise noted; NCS = Next Cropping Season; 2CS = Second Cropping Season; 3CS = Third cropping Season; BIO = Bioassay required; Restrictions may change, always refer to the herbicide label as a final authority on pesticide use.

General and Specific Restrictions	Alfalfa	Barley	Canola	Corn	Dry Edible Beans	Durum Wheat	Flax	Lupines	Oats	Peas	Potatoes	Rye	Sorghum	Soybean	Spring Wheat	Sugarbeet	Sunflower	Sweet Corn	Winter Wheat	Cabbage	Carrot	Onion	Pepper	Pumpkin	Snap Bean	Tomato
General	9	3	18	9	9	3	18	9	3	9	30	3	9	0	3	30	18	9*	3							

\* Processing varieties only, 18 months for all other varieties.