

Company
Syngenta

Trade Name
Callisto

Common Name
mesotrione

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Callisto	4 SC	12	1	--	--	--

Restricted Use
No

Low Rate (lb ai/A)	High Rate (lb ai/A)
0.094	0.24

Forage, Feed, and Grazing Restrictions:

Do not graze or feed treated plants for 45 days after treatment.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	none	30 inches or 8 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	NCS*	4	NCS	0	18	4	NCS*	18	4	18	NCS	4	NCS	NCS	4	18	NCS	0	4	18	18	18	18	18	18	18

* But not less than 10 months after the last Callisto application.

Company
Syngenta

Trade Name
Camix

Common Name
s-metolachlor & mesotrione

Package Mix: Yes

3.34 lb/gal & 0.33 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Camix	3.67 E	24	n.a.	--	--	--

Restricted Use
No

<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
1.84	2.2

Forage, Feed, and Grazing Restrictions:

Do not graze or feed forage from treated areas for 45 days following application. Do not harvest forage or stover for 45 days following application.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	n.a.	30 inches or 8 leaf	45

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	18	NCS*	18	0	18	4.5*	18	18	NCS*	18	NCS*	NCS*	NCS	NCS*	4.5*	18	18	NCS	4.5*	18	18	18	18	18	18	18

* Rotate only to corn or sorghum if applied after June 1.

Company

BASF

Trade Name

Celebrity Plus

Common Name

dicamba & diflufenzopyr & nicosulfuron

Package Mix: Yes

46.6% & 18.1% & 10.6%

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Celebrity Plus	75.3 DF	12	4	--	--	--
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RestrictedUse

No

Low Rate (lb ai/A)

0.22

High Rate (lb ai/A)

Forage, Feed, and Grazing Restrictions:

Do not apply within 32 days of forage harvest or 72 days of stover harvest.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
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Corn	4 inch	24 inch	72
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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	-	7 days	10	8	-	10	8	10	-	8	-	4	8	-	-	10**	4							
pH >6.5	-	-	18	-	-	-	18	-	-	-	18##	-	-	-	-	18##	-	-	-							
pH >7.5	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	18	-	-							
pH 6.5 or less	-	-	10	-	-	-	10	-	-	-	10	-	-	-	-	10	-	-	-							
pH 7.5 or less	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	11#	-	-							

* 12 months in the Red River Valley; ** Including popcorn and seed corn. 15 months for sweet corn varieties 'Merit', 'Carnival', and 'Sweet Success'; # Rainfall must exceed 14 inches during this period; ## In northwest Minnesota, rainfall must exceed 28" prior to rotation.

Company
Agrilience

Trade Name
Charger MAX

Common Name
s-metolachlor & benoxacor

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Charger MAX	7.64 E	24	n.a.	Yes	Yes	Yes

RestrictedUse
No

<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
0.96	1.91

Forage, Feed, and Grazing Restrictions:

Do not graze or feed forage from treated corn for 30 days following application. Do not cut pod crops (drybeans, lupines, or peas) for hay within 120 days following application.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	n.a.	40 inches	30
Dry Edible Beans	n.a.	n.a.	none
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*	4.5	NCS	0	0	4.5	NCS	0	4.5	0	0	4.5	0**	0	4.5	NCS	NCS	NCS	4.5							

* To avoid injury to rotational alfalfa or clover, do not apply more than 1.9 lbs ai/A; ** Only use seed treated with Concep or Screen.

Company
Agrilience

Trade Name
Charger MAX ATZ

Common Name
atrazine & s-metolachlor

Package Mix: Yes

3.1 lb/gal & 2.4 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Charger MAX ATZ	5.5 F	24	4	Yes	--	--

Restricted Use
Yes

Low Rate (lb ai/A)	High Rate (lb ai/A)
1.8	3.6

Forage, Feed, and Grazing Restrictions:

Do not graze treated or feed forage from treated areas for 30 days following application.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	n.a.	5 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	2CS	2CS	2CS	NCS**	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS	NCS**	NCS****	2CS	2CS	2CS	2CS	2CS							

* Immediately if seed has been treated with Concep or Screen. ** Injury may occur if soil has calcareous surface layer. 18 months in western MN if an application rate of 2 lbs ai/A atrazine was used.

Company
Agrilience

Trade Name
Charger MAX ATZ Lite

Common Name
atrazine & s-metolachlor

Package Mix: Yes

2.67 lb/gal & 3.33 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Charger MAX ATZ Lite	6 F	24	4	Yes	--	--

Restricted Use
Yes

Low Rate (lb ai/A)	High Rate (lb ai/A)
1.35	3.3

Forage, Feed, and Grazing Restrictions:

Do not graze treated or feed forage from treated areas for 30 days following application.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	n.a.	5 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	2CS	2CS	15*	NCS**	2CS	2CS	15*	2CS	2CS	2CS	2CS	2CS	NCS*	NCS#	2CS	2CS	15*	2CS	15*							

* 2CS months if applied after June 10. ** Immediately if seed has been treated with Concep or Screen. # Injury may occur if soil has calcareous surface layer. 18 months in western MN if an application rate of 2 lbs ai/A atrazine was used.

Company
DuPont

Trade Name
Cimarron

Common Name
metsulfuron-methyl

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Cimarron	60 DF	4	4	Yes	--	Yes

Restricted Use

No

Low Rate (lb ai/A)

0.004

High Rate (lb ai/A)

0.019

Forage, Feed, and Grazing Restrictions:

No grazing or haying restrictions.

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
pH <7.9*	BIO**	10	BIO**	BIO**	BIO**	10	BIO**	BIO**	10	BIO**	BIO**	BIO**	BIO**	BIO**	1	BIO**	BIO**	BIO**	1	BIO**	BIO**	BIO**	BIO**	BIO**	BIO**	BIO**

* Do not apply Cimarron if pH is 7.9 or more. Refer to the label for renovation and overseeding intervals of pasture grass species; ** Cimarron could remain in the soil for 34 months or more depending on rainfall, temperatures, and pH. A bioassay must be completed before rotating to any crop or grass species not listed on the label.

Company
DuPont

Trade Name
Cimarron Max

Common Name
metsulfuron-methyl + dicamba & 2,4-D

Package Mix: Yes

60% + 1 lb/gal & 2.87 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Cimarron Max	60DF + 3.87L	48	4	Yes	--	Yes

Restricted Use

No

Low Rate (lb ai/A)	High Rate (lb ai/A)
0.489	1.972

Forage, Feed, and Grazing Restrictions:

Non-lactating animals: Remove meat animals from treated areas 30 days prior to slaughter. There is no waiting period between treatment and grazing for non-lactating animals.
Lactating animals: Do not graze lactating dairy animals within 7 days of treatment. Treated grasses may be harvested for dry hay but do not harvest within 37 days 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
pH <7.9*	BIO**	10	BIO**	BIO**	BIO**	10	BIO**	BIO**	10	BIO**	BIO**	BIO**	BIO**	BIO**	1	BIO**	BIO**	BIO**	1	BIO**	BIO**	BIO**	BIO**	BIO**	BIO**	BIO**

* Do not apply Cimarron if pH is 7.9 or more. Refer to the label for renovation and overseeding intervals of pasture grass species; ** Cimarron could remain in the soil for 34 months or more depending on rainfall, temperatures, and pH. A bioassay must be completed before rotating to any crop or grass species not listed on the label.

Company

DuPont

Trade Name

Cinch

Common Name

s-metolachlor & benoxacor

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Cinch	7.64 E	24	n.a.	Yes	Yes	Yes
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RestrictedUse

No

Low Rate (lb ai/A)

0.96

High Rate (lb ai/A)

1.91

Forage, Feed, and Grazing Restrictions:

Do not graze or feed forage from treated corn for 30 days following application. Do not cut pod crops (drybeans, lupines, or peas) for hay within 120 days following application.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
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Corn	n.a.	n.a.	none
Dry Edible Beans	n.a.	n.a.	none
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*	4.5	NCS	0	0	4.5	NCS	0	4.5	0	0	4.5	0**	0	4.5	NCS	NCS	NCS	4.5							

* To avoid injury to rotational alfalfa or clover, do not apply more than 1.9 lbs ai/A. ** Only use seed treated with Concep or Screen.

Company

DuPont

Trade Name

Cinch ATZ

Common Name

atrazine & s-metolachlor

Package Mix: Yes

3.1 lb/gal & 2.4 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Cinch ATZ	5.5 F	24	4	Yes	--	--
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Restricted Use

Yes

Low Rate (lb ai/A)

1.8

High Rate (lb ai/A)

3.6

Forage, Feed, and Grazing Restrictions:

Do not graze treated or feed forage from treated areas for 30 days following application.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
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Corn	n.a.	5 inches	21
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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	2CS	2CS	2CS	NCS**	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS	NCS**	NCS****	2CS	2CS	2CS	2CS	2CS							

* Immediately if seed has been treated with Concep or Screen. ** Injury may occur if soil has calcareous surface layer. 18 months in western MN if an application rate of 2 lbs ai/A atrazine was used.

Company

DuPont

Trade Name

Cinch ATZ Lite

Common Name

atrazine & s-metolachlor

Package Mix: Yes

2.67 lb/gal & 3.33 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Cinch ATZ Lite	6 F	24	4	Yes	--	--
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Restricted Use

Yes

Low Rate (lb ai/A)

1.35

High Rate (lb ai/A)

3.3

Forage, Feed, and Grazing Restrictions:

Do not graze treated or feed forage from treated areas for 30 days following application.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
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Corn	n.a.	5 inches	21
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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	2CS	2CS	15*	NCS**	2CS	2CS	15*	2CS	2CS	2CS	2CS	2CS	NCS*	NCS#	2CS	2CS	15*	2CS	15*							

* 2CS months if applied after June 10. ** Immediately if seed has been treated with Concep or Screen. # Injury may occur if soil has calcareous surface layer. 18 months in western MN if an application rate of 2 lbs ai/A atrazine was used.

Company**BASF****Trade Name****Clarity****Common Name**

dicamba

Package Mix: No

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

No

Low Rate (lb ai/A)

0.06

High Rate (lb ai/A)

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. SOYBEANS: Do not feed soybean fodder or hay following a preharvest application.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Barley	2 leaf	4 leaf	none
Corn	emergence	30 inches or V8 stage	none
Durum Wheat	1 leaf	5 leaf	none
Oats	1 leaf	5 leaf	none
Spring Wheat	2 leaf	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	2CS	NCS	2CS	NCS	2CS	NCS	2CS	2CS	NCS	2CS	2CS	NCS	NCS	NCS	NCS	2CS	2CS	NCS	*							

* Allow 30 days for each 0.5 lb ai/A applied.

Company

DuPont

Trade Name

Classic

Common Name

chlorimuron

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Classic	25 DF	12	1	Yes	--	--
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RestrictedUse

No

Low Rate (lb ai/A)

0.004

High Rate (lb ai/A)

0.01

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)
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Soybean	after first trifoliolate	none	60
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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	9	3	18	9*	9	3	18	9	3	9	30	3	15	0	3	30	9	9	3	18	30	30	30	18	9	30

* IR field corn 8 months.

Company
United Phosphorus Inc.

Trade Name
Clopyr AG

Common Name
 clopyralid

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Clopyr AG	3 S	12	6	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
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

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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	10.5	0	0	0	10.5*	0	0	10.5*	0	18**	18**	0	10.5	10.5*	0	0	10.5*	0	0	0	BIO	10.5	BIO	BIO	BIO	BIO

* 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

Valent

Trade Name

Cobra

Common Name

lactofen

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Cobra	2 E	12	0.5	Yes	--	--
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RestrictedUse

No

Low Rate (lb ai/A)

0.09

High Rate (lb ai/A)

0.2

Forage, Feed, and Grazing Restrictions:

Do not graze animals on green forage or stubble. Do not feed treated soybean silage to cattle. Do not utilize hay or straw for animal feed or bedding.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
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Soybean	none	R6 (full seed) growth stage	45
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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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							

Company

FMC

Trade Name

Command

Common Name

clomazone

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Command	3 ME	12	n.a.	--	--	--

Restricted Use

No

Low Rate (lb ai/A)

0.5

High Rate (lb ai/A)

1

Forage, Feed, and Grazing Restrictions:

Do not graze or harvest for food or feed cover crops planted less than 9 months after treatment.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
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
0.5 lb ai/A applied	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	0	0	-	-	
0.75 to 1 lb ai/A applied	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	0	9	-	-	
1.25 lb ai/A applied	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	9	9	-	-	
All rates	12	12	12	9	9	12	12	12	12	-	9	12	9	0	12	9	12	-	12	9*	12	12	-	-	9	12*

Company
Agrilience

Trade Name
Confidence
Package Mix: No

Common Name
acetochlor

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Confidence	7 E	12	n.a.	--	--	Yes

RestrictedUse
Yes

<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
1.1	3

Forage, Feed, and Grazing Restrictions:

No restrictions.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	none	11 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	NCS	2CS	2CS	2CS	2CS	2CS	2CS	NCS	NCS	NCS	2CS	2CS	NCS	NCS							

Company
Agrilience

Trade Name
Confidence Xtra

Common Name
acetochlor & atrazine

Package Mix: Yes

4.3 lb/gal & 1.7 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Confidence Xtra	6 L	12	n.a.	--	--	--

Restricted Use
Yes

Low Rate (lb ai/A)	High Rate (lb ai/A)
2.7	4.1

Forage, Feed, and Grazing Restrictions:

No restrictions on the label.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	none	11 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	NCS	NCS*	NCS*	2CS	2CS	NCS	2CS							

* Possibility of crop injury from atrazine carryover.

Company
Agrilience

Trade Name
Confidence Xtra 5.6L

Common Name
acetochlor & atrazine

Package Mix: Yes

3.1 lb/gal & 2.5 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Confidence Xtra 5.6L	5.6 L	12	n.a.	--	--	--

Restricted Use
Yes

Low Rate (lb ai/A)	High Rate (lb ai/A)
1.96	4.2

Forage, Feed, and Grazing Restrictions:

No restrictions on the label.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	none	11 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	NCS	NCS*	NCS*	2CS	2CS	NCS	2CS							

* Possibility of crop injury from atrazine carryover.

Company
Dow AgroSciences

Trade Name
Crossbow

Common Name
 triclopyr & 2,4-D

Package Mix: Yes

2 lb/gal & 1 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Crossbow	3 E	12	6	--	--	--

Restricted Use
 No

<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
0.75	4.5

Forage, Feed, and Grazing Restrictions:

Except for lactating dairy animals, there are no grazing restrictions following application. Lactating dairy animals: Do not allow lactating dairy animals to graze treated areas until the next growing season following application of this product. Do not harvest hay for 14 days after application. Grazed areas of non-crop land and forestry sites may be spot treated if they comprise no more than 10% of the total grazable area. Slaughter restrictions: During the season of application, withdraw livestock from grazing treated grass at least 3 days before slaughter.

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*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Not labeled for crop or vegetable applications. Do not reseed pastures for 21 days after treatment.

Company
Dow AgroSciences

Trade Name
Curtail
 Package Mix: Yes

Common Name
 clopyralid & 2,4-D
 0.38 lb/gal & 2 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Curtail	2.38 L	48	2	--	--	--

RestrictedUse	Low Rate (lb ai/A)	High Rate (lb ai/A)
No	0.59	1.78

Forage, Feed, and Grazing Restrictions:

Do not graze lactating dairy cattle in treated pasture areas for 14 days after application. Remove meat animals from freshly treated areas 7 days before slaughter. Withdrawal is not needed if 2 weeks or more have elapsed since application. Do not cut treated grass for hay within 30 days after application. Do not permit 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.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Barley	4 leaf and tillering	up to jointing	none
Durum Wheat	4 leaf and tillering	up to jointing	none
Spring Wheat	4 leaf and tillering	up to jointing	none
Winter Wheat	4 leaf and tillering	up 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	10.5*	1	5	1	10.5*	1	5	10.5*	1	18	18	1	10.5	10.5*	1	5	10.5*	1	1	10.5	18**	18**	18**	18**	18**	18**

* 18 months if soil organic matter is <2% and rainfall is <15 inches in the 10.5 months following treatment; ** If soil organic matter is <2% and rainfall is <15 inches in the 12 months following application, a bioassay is recommended.

Company
Dow AgroSciences

Trade Name
Curtail M

Common Name
 clopyralid & MCPA

Package Mix: Yes

0.42 lb/gal & 2.35 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Curtail M	2.77 E	48	2	--	--	--
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Restricted Use

No

Low Rate (lb ai/A)	High Rate (lb ai/A)
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0.61

2

Forage, Feed, and Grazing Restrictions:

Do not forage or graze meat animals on treated areas within 7 days of slaughter. Do not forage or graze dairy animals on treated areas within 7 days after treatment. Do not harvest hay from treated grain fields.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Barley	3 leaf and tillering	up to jointing	none
Durum Wheat	3 leaf	up to jointing	none
Flax	2 inches tall	up to 6 inches, before bolting	72
Oats	3 leaf	up to jointing	none
Spring Wheat	3 leaf	up to jointing	none
Winter Wheat	3 leaf	up 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	10.5*	1	5	1	10.5*	1	5	10.5*	1	18	18	1	10.5	10.5*	1	5	10.5*	1	1	10.5	18**	18**	18**	18**	18**	18**

* 18 months if soil organic matter is <2% and rainfall is <15 inches in the 10.5 months following treatment; ** If soil organic matter is <2% and rainfall is <15 inches in the 12 months following application, a bioassay is recommended.