

Company
several

Trade Name
2,4-D, others

Common Name
2,4-D

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
2,4-D LV Ester	4 E	12	1-2	Yes	--	--
2,4-D Ester	4 E	48	1-2	Yes	--	--
2,4-D Amine	4 S	48	6-8	Yes	--	--

RestrictedUse

No

<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
0.125	2

Forage, Feed, and Grazing Restrictions:

Do not forage or feed corn or sorghum fodder or graze animals on treated pasture areas for 7 days after application. Do not cut forage for hay within 30 days of application. Do not permit dairy animals or meat animals being finished for slaughter to forage treated forage grass fields within 3 days of slaughter or treated grain fields within 2 weeks of slaughter. Do not feed treated straw to livestock if a preharvest treatment or emergency treatment is applied. Do not feed treated hay, forage, or fodder or graze treated soybeans to livestock. Do not feed or graze treated cover crops to livestock. Refer to the label for other information.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Barley	after fully tillered	prior to jointing	none
Companion Seeded Forage Legume			
Corn	none	8 inches	7
Durum Wheat	after fully tillered	prior to jointing	none
Oats	after fully tillered	prior to jointing	none
Rye	after fully tillered	prior to jointing	none
Spring Wheat	after fully tillered	prior to jointing	none
Winter Wheat	after fully tillered	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
Amine	NCS	NCS	NCS	0	NCS	0	NCS	NCS	NCS	NCS	NCS	NCS	NCS	14 days*	0	NCS	NCS	NCS	0							
Ester	NCS	NCS	NCS	0	NCS	0	NCS	NCS	NCS	NCS	NCS	NCS	NCS	7 days**	0	NCS	NCS	NCS	0							

* 30 days if greater than 0.5 lb ae/A applied; ** 30 days if greater than 0.33 lb ae/A applied.

Company
Syngenta

Trade Name
Aatrex

Common Name
 atrazine

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Aatrex	90 DF	12	1-2	Yes	--	--
	4 F	12	1-2	Yes	--	--

RestrictedUse Yes	Low Rate (lb ai/A)	High Rate (lb ai/A)
	1.2	2

Forage, Feed, and Grazing Restrictions:

Do not graze or feed forage from treated corn for 60 days after application, or illegal residues may result. Do not graze or feed forage from treated sweet corn for 45 days after application, or illegal residues may result. Do not graze or feed forage from treated sorghum for 60 days after a preemergence application or 45 days after a postemergence application, or illegal residues may result.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	none	12 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	0	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS	0	NCS*	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS

* 2CS if applied after June 10 or if rate was 1-2 lb ai/A.

Company

DuPont

Trade Name

Accent

Common Name

nicosulfuron

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
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Accent	75 DF	4	4-6	Yes	--	--
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RestrictedUse

No

Low Rate (lb ai/A)

0.031

High Rate (lb ai/A)

0.062

Forage, Feed, and Grazing Restrictions:

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

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
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Corn	none	20 inches or 6 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
Maximum rate 0.67 oz/A and any pH	10	-	10	-	-	-	-	-	-	-	10	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-
Maximum rate 1.33 oz/A	10*	8	10	0	10	8	10	10	8	10	18	8	10	0.5	8	18	11#	10**	4	18	18	18	18	18	10	18
Soil pH >6.5	-	-	18	-	-	-	18	-	-	-	18##	-	-	-	-	18##	-	-	-	18	18	18	18	18	10	18
Soil pH >7.5	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	18	-	-	-	-	-	-	-	-	-

* 12 months in the Red River Valley; ** 15 months for varieties 'Merit', 'Carnival', 'Sweet Success'; # More than 14 inches of precipitation is required prior to rotation; ## Minimum 28 inches of precipitation required prior to rotation.

Company DuPont	Trade Name Accent Gold WDG	Common Name clopyralid & flumetsulam & nicosulfuron & rimsulfuron
	Package Mix: Yes	51.4% & 15.9% & 5.4% & 5.4%

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Accent Gold	78.1 WDG	48	6	Yes	--	--

Restricted Use	Low Rate (lb ai/A)	High Rate (lb ai/A)
No	0.171	

Forage, Feed, and Grazing Restrictions:

Do not harvest corn or graze or feed forage, hay or straw from treated areas to livestock within 85 days of Accent Gold 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	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	10.5*	8	26**	0#	10.5	8	26**	26**	8	10.5	18	8	12	10.5	8	26**	18	18##	4	26**	26**	26*	26*	26*	26*	26*
Rainfall <15" and Soil OM <2%	-	-	-	-	18	-	-	-	-	18	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-	-

* 12 months where soil pH >8; ** Successful field bioassay needed; # Seed corn and popcorn have a 10.5 month restriction; ## 10.5 months for sweet corn varieties listed on the label.

Company
several

Trade Name
alachlor, others

Common Name
alachlor

Package Mix: No

RestrictedUse

Yes

Low Rate (lb ai/A)

2.4

High Rate (lb ai/A)

3.9

Forage, Feed, and Grazing Restrictions:

Do not graze or harvest grain sorghum forage for 70 days following application. Do not feed forage, feed, or straw from treated soybeans. Do not ensile treated soybeans. Do not feed forage or hay from treated drybeans.

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	0	NCS	NCS	NCS	NCS	NCS	NCS	NCS	NCS	0*	0	NCS	NCS	NCS	0	NCS							

* Use Screen treated seed.

Company
United Phosphorus Inc.

Trade Name
Alphanex
 Package Mix: No

Common Name
 desmedipham

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Alphanex	1.3 E	24	6	Yes	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
No	0.08	1.22

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)
Sugarbeet	cotyledon	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	-	2	-	-	-	2	-	-	2	-	-	2	-	-	2	-	-	-	2							

Company

Makhteshim-Agan of North America,

Trade Name

Arrow

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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Arrow	2 EC	24	1	Yes	--	--
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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	75
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
Micro Flo

Trade Name
Assert
Package Mix: No

Common Name
imazamethabenz

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Assert	2.5 E	48	3	Yes	--	--

RestrictedUse	Low Rate (lb ai/A)	High Rate (lb ai/A)
No	0.19	0.38

Forage, Feed, and Grazing Restrictions:

Do not graze treated fields or cut treated forage for silage or hay. Wheat and barley straw may be fed or used for bedding.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Barley	2-leaf	prior to jointing	none
Durum Wheat	2-leaf	prior to jointing	none
Spring Wheat	2-leaf	prior to jointing	none
Sunflower	2-leaf	6 leaf	none
Winter Wheat	2-leaf	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.

Restriction Type	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	15	NCS	15	NCS	NCS	NCS	15	15	15	15	15	15	15	NCS	NCS	20	NCS	15	NCS	15	15	15	15	15	15	15

Company
several

Trade Name
atrazine, others

Common Name
atrazine

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
atrazine	90 DF	12	1-2	Yes	--	--
	4 F	12	1-2	Yes	--	--

RestrictedUse
Yes

Low Rate (lb ai/A)	High Rate (lb ai/A)
1.2	2

Forage, Feed, and Grazing Restrictions:

Do not graze or feed forage from treated corn for 60 days after application, or illegal residues may result. Do not graze or feed forage from treated sweet corn for 45 days after application, or illegal residues may result. Do not graze or feed forage from treated sorghum for 60 days after a preemergence application or 45 days after a postemergence application, or illegal residues may result.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	none	12 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	0	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS	0	NCS*	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS

* 2CS if applied after June 10 or if rate was 1-2 lb ai/A.

Company
Syngenta

Trade Name
Axial

Common Name
 oxaden

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Axial	0.83 E	48	0.5	Yes	--	--

RestrictedUse
 No

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

Forage, Feed, and Grazing Restrictions:

Do not graze livestock or harvest forage for hay from treated areas for a minimum of 50 days following application.

Crop Stage and Harvest Restrictions

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Barley	2 leaf	prior to boot stage	60
Durum Wheat	2 leaf	prior to boot stage	60
Spring Wheat	2 leaf	prior to boot stage	60
Winter Wheat	2 leaf	prior to boot stage	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	4	0	4	4	4	0	4	4	4	4	4	4	4	4	0	1	4	4	0	4	1	1	4	4	4	4