

**Company**  
**Dow AgroSciences**

**Trade Name**  
**Garlon**  
 Package Mix: No

**Common Name**  
 triclopyr

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Garlon 4	4 E		6	Yes	--	--

<u>Restricted Use</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
No	1	8

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

Grazing or harvesting green forage: Following application of two quarts per acre or less: there are no restrictions for general livestock but do not graze or harvest green forage from treated area for 14 days after treatment for lactating dairy animals. Following applications of greater than two to six quarts per acre: do not graze or harvest green forage from treated area for 14 days after treatment for general livestock (unless total treated area is less than 25% of grazed area - in which case there is no grazing restriction) but do not graze or harvest green forage until the next season for lactating dairy animals.

Haying Restrictions: Do not harvest hay to feed lactating dairy animals until the next growing season. For other livestock: Do not harvest hay for 7 days following application of two quarts per acre or less. Do not harvest hay for 14 days following application of greater than two up to 4 quarts per acre. Do not harvest for hay until next growing season for applications greater than 4 quarts per acre.

Slaughter Restrictions: During the year following application, withdraw livestock from grazing treated grass or consumption of treated hay 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*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

\* Labeled for non-crop areas only.





Company

**BASF**

Trade Name

**G-Max Lite**

Common Name

dimethenamid & atrazine

Package Mix: Yes

2.25 lb/gal & 2.75 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
G-Max Lite	5 EC	12	n.a.	Yes	Yes	--

Restricted Use

Yes

Low Rate (lb ai/A)

1.26

High Rate (lb ai/A)

2.18

Forage, Feed, and Grazing Restrictions:

Corn may be grazed or fed to livestock 40 or more days after application. Sorghum forage may be grazed or fed to livestock 60 or more days after application. Sorghum grain and fodder may be harvested and fed 80 or more days after application.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	none	12	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	24	24	24	0	24	24	24	24	24	24	24	24	0	NCS*	24	24	24	24	24							

\* Injury may occur in soils with a calcareous surface layer.



**Company**  
**Dow AgroSciences**

**Trade Name**  
**Grazon P+D**  
 Package Mix: Yes

**Common Name**  
 picloram & 2,4-D  
 0.54 lb/gal & 2 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Grazon P+D	2.54 S	12	6-8	Yes	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
Yes	0.31	1.25

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

Do not allow lactating dairy animals to graze treated areas within 7 days after application. Do not harvest grass cut for hay from treated areas for 30 days after application. Meat animals must be withdrawn from treated forage at least 3 days before slaughter. There are no other grazing restrictions for non-lactating dairy animals or other livestock.

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

\* On areas treated with this product, do not rotate to crops intended for food or feed use, other than range or pasture grasses, wheat, barley, or oats not underseeded with a legume.





Company  
**Monsanto**

Trade Name  
**Harness**

Common Name  
acetochlor

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Harness	20 G	12	n.a.	--	--	Yes
	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  
**Monsanto**

Trade Name  
**Harness 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
Harness Xtra	6 L	12	n.a.	--	--	--

RestrictedUse  
Yes

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

**Trade Name**  
**Harness 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
Harness Xtra 5.6L	5.6 L	12	n.a.	--	--	--

**Restricted Use**  
 Yes

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

**Common Name**  
 flumetsulam & clopyralid

Package Mix: Yes

18.5% & 50%

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Hornet	68.5 WDG	48	2	Yes	--	--

Restricted Use	Low Rate (lb ai/A)	High Rate (lb ai/A)
No	0.085	0.21

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

If field corn is grown for forage or ensiled, application must occur before corn reaches 20 inches in height or V6 growth stage (whichever occurs first) and an interval of at least 45 days is required between application and harvest.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	none	V6 or 6 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*	4	26**	0	10.5*	4	26**	10.5*	4	-	18	4	12	10.5*	4	26**	18	10.5#	4	26**	26**	26**	26**	26**	-	26**
Rates greater than 4 oz/A	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-
Rates up to 4 oz/A	-	-	-	-	-	-	-	-	-	10.5*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.5*	-

\* 18 months if soil O.M. is < 2% and rainfall is < 15 inches in the 10.5 months after application; \*\* Successful field bioassay needed; # See label for shorter intervals depending on use rate and/or variety.

**Company**  
**Monsanto**

**Trade Name**  
**Intrro**

**Common Name**  
 alachlor

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Intrro	4 EC	12	n.a.	Yes	Yes	Yes

**RestrictedUse**  
 Yes

<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
1.75	3

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

Do not feed forage or hay from treated drybeans. Do not feed treated soybean forage, feed or straw or ensile treated soybeans.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
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	NCS	NCS	NCS	NCS	NCS	NCS	NCS	NCS	NCS	NCS	NCS	NCS	0	0	NCS	NCS	NCS	NCS	NCS							

**Company**  
**Dow AgroSciences**

**Trade Name**  
**Kerb**  
 Package Mix: No

**Common Name**  
 pronamide

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Kerb	50 W	24	n.a.	Yes	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
No	0.5	2

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

Do not graze or harvest alfalfa for forage or dehydration west of the Mississippi River within 25 days (3.0 lbs/A Kerb 50W applied) or 45 days (3.0 to 4.0 lbs/A Kerb 50W applied). Do not graze or harvest clover, birdsfoot trefoil, crown vetch, sainfoin, or alfalfa for forage or dehydration east of the Mississippi River within 120 days.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Direct Seeded Forage Legumes	after cutting (fall)	n.a.	n.a.
Established Forage Legumes	after cutting (fall)	n.a.	n.a.

**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	12	6	12	3	3	6	12	12	6	12	12	6	3	3	6	3	12	3	6							
1.0 lb ai/A applied	12	4	12	3	3	4	12	12	4	12	12	4	3	3	4	4	12	3	4							
1.5 lb ai/A applied	12	6	12	4	4	6	12	12	6	12	12	6	4	4	6	6	12	4	6							
2.0 lb ai/A applied	12	12	12	5	5	12	12	12	12	12	12	12	5	5	12	7	12	5	12							

**Company**  
**Dow AgroSciences**

**Trade Name**  
**Keystone**  
 Package Mix: Yes

**Common Name**  
 acetochlor & atrazine  
 3 lb/gal & 2.25 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Keystone	5.25 SE	12	n.a.	--	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
Yes	2.17	4.46

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

Do not apply within 60 days of harvest of field corn for forage uses.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	n.a.	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	15	2CS	2CS	2CS	2CS	2CS	2CS	NCS	NCS*	15	2CS	2CS	0	15	2CS	2CS	2CS	2CS	2CS	2CS	2CS

\* Injury may occur on soils with a calcareous surface layer and high pH.

**Company**  
**Dow AgroSciences**

**Trade Name**  
**Keystone LA**  
 Package Mix: Yes

**Common Name**  
 acetochlor & atrazine  
 4 lb/gal & 1.5 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Keystone LA	5.5 SE	12	n.a.	--	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
Yes	2.2	4.125

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

Do not apply within 60 days of harvest of field corn for forage uses.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	none	8 collars or 30 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	15	2CS	2CS	2CS	2CS	2CS	2CS	NCS	NCS*	15	2CS	2CS	0	15	2CS	2CS	2CS	2CS	2CS	2CS	2CS

\* Injury may occur on soils with a calcareous surface layer and high pH.



Company  
**Monsanto**

Trade Name  
**Lariat**

Common Name  
 alachlor & atrazine

Package Mix: Yes

2.5 lb/gal & 1.5 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Lariat	4 F	12	n.a.	Yes	--	--

RestrictedUse  
 Yes

<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
2.5	5

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

Do not graze treated area or feed treated forage to livestock for 21 days following application. Do not graze or harvest treated grain sorghum for 70 days following application.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	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	2CS	2CS	2CS	0	2CS	2CS	2CS	2CS	2CS	2CS	2CS	2CS	NCS*	NCS**	2CS	2CS	2CS	NCS	2CS							

\* Grain sorghum only; \*\* Possibility of injury from atrazine carryover.

**Company**  
**Monsanto**

**Trade Name**  
**Lasso**

**Common Name**  
alachlor

Package Mix: No

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Lasso	10 G	12	n.a.	Yes	Yes	--
	4 EC	12	n.a.	Yes	Yes	--

**RestrictedUse**  
Yes

<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
1.5	4

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

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

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Corn	n.a.	5 inches	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	NCS	NCS	NCS	0	NCS	NCS	NCS	NCS	NCS	NCS	NCS	NCS	0*	0	NCS	NCS	NCS	0	NCS							

\* Use Screen treated seed.

**Company**  
**Bayer CropScience**

**Trade Name**  
**Liberty**  
 Package Mix: No

**Common Name**  
 glufosinate

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Liberty	1.67 S	12	4	--	--	--

<u>RestrictedUse</u>	<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
No	0.36	0.45

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

Do not apply within 60 days of harvesting corn forage and within 70 days of harvesting corn grain and corn fodder. Do not graze treated canola crop or cut for hay.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
LL Canola	cotyledon	early bolting	65
LL Corn	none	24 inches or 7 collars (broadcast)	70

**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	4	70 days	4**	4*	4	70 days	4	4	70 days	4	4	70 days	70 days	4	70 days	4	4	4	70 days	4	4	4	4	4	4	4

\* No replant restriction on Liberty Link Corn; \*\* No replant restriction on Liberty Link Canola.

Company

**BASF**

Trade Name

**Lightning**

Common Name

imazethapyr & Imazapyr

Package Mix: Yes

52.5% & 17.5%

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Lightning	70 SG	12	1	Yes	--	--

Restricted Use

No

Low Rate (lb ai/A)

0.056

High Rate (lb ai/A)

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

There should be an interval of at least 45 days between application and corn harvest (silage, fodder, or grain). Do not graze or feed treated corn forage, silage, fodder, or grain for at least 45 days after application.

**Crop Stage and Harvest Restrictions**

Labeled Crop	Minimum Crop Stage	Maximum Crop Stage	Grain Harvest Restriction (days)
Clearfield Corn	emergence	20 inches (broadcast)	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	9.5	9.5	40*	8.5**	9.5	4	40*	9.5	18	9.5	26	4	18	9	4	40*	18	18#	4								

\* A successful field bioassay is needed; \*\* Including seed corn. Only Clearfield corn may be replanted immediately; # Including popcorn.



**Company**  
**Syngenta**

**Trade Name**  
**Lumax**

**Common Name**  
 s-metolachlor & atrazine & mesotrione

**Package Mix:** Yes

2.68 lb/gal & 1.0 lb/gal & 0.268 lb/gal

Specific Trade Name	Formulation	Human Reentry (hrs)	Rainfree Period (hrs)	Aerial Application	Chemigation	Fall Application
Lumax	3.948 L	24	n.a.	--	--	--

**Restricted Use**  
 Yes

<u>Low Rate (lb ai/A)</u>	<u>High Rate (lb ai/A)</u>
2.47	2.96

**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.	12 inches	45

**Crop Replant and Rotational Restrictions**

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

\* Rotate only to corn or sorghum if applied after June 1. \*\* 2CS if more than 2 lb ai/A of atrazine was applied during the season.