

# SLAY™ HERBICIDE

For use in Alfalfa and Clover

## ACTIVE INGREDIENT:

Ammonium salt of imazethapyr ( $\pm$ )-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid\* ..... 22.87%

**OTHER INGREDIENTS:** ..... 77.13%

**TOTAL:** ..... 100.00%

\*Equivalent to 21.6% ( $\pm$ )-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid

1 gallon of this product contains 2.0 pounds active ingredient as the free acid

**KEEP OUT OF REACH OF CHILDREN**

# CAUTION/PRECAUCIÓN

## FIRST AID

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. **If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. **HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

**See attached label booklet for additional PRECAUTIONARY STATEMENTS**

EPA Reg. No. 228-627-81883

EPA Est. No. 73427-IN-001

**Net Contents: 1 Pint**

RV121809[1]

Distributed by: Whitetail Institute of North America, 239 Whitetail Trail, Hope Hull, AL 36043

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION/PRECAUTION**

Harmful if inhaled or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemically resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as butyl rubber  $\geq 14$  mils, or natural rubber  $\geq 14$  mils, or neoprene rubber  $\geq 14$  mils, or nitrile rubber  $\geq 14$  mils
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately, if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### **ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

### **Groundwater Advisory and Proper Handling Instructions**

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

This product may not be mixed or loaded within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes

or reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas.

Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or washwater, and rainwater that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum, 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above specific minimum containment capacities do not apply to vehicles when delivering pesticide shipments to

the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Do not apply this product through any type of irrigation system.

This product must be used in a manner that will prevent back siphoning in wells, spills or improper disposal of excess pesticide spray mixture.

---

### **DIRECTIONS FOR USE**

---

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

All applicable directions, restrictions, precautions and Conditions of Sale and Limitation of Warranty and Liability are to be followed. This labeling must be in the user's possession during application.

Observe all precautions and limitations on this label and on the labels of products used in combination with this product. Do not use this product other than in accordance with the instructions on this label. The use of this product not in accordance with this label may result in crop injury. Keep containers closed to avoid spills and contamination.

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

*(continued on next page)*

**AGRICULTURAL USE REQUIREMENTS** *(continued)*

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical resistant gloves such as butyl rubber  $\geq 14$  mils, or natural rubber  $\geq 14$  mils, or neoprene rubber  $\geq 14$  mils, or nitrile rubber  $\geq 14$  mils
- Shoes plus socks

---

**GENERAL INFORMATION**

---

This product kills weeds by root and/or foliage uptake and rapid translocation to the growing points. Adequate soil moisture is important for optimum product activity. This product will provide residual control of susceptible germinating weeds when adequate moisture is present; activity on established weeds will depend on the weed species and the location of its root system in the soil.

Temporary yellowing and/or internode shortening occasionally occurs following applications of this product. These effects occur infrequently and are temporary. Normal appearance and growth should resume within 1 to 2 weeks.

When organo-phosphate (such as Lorsban™) or carbamate insecticides are tank-mixed with this product, temporary injury results to the treated crops.

When this product is used in accordance with label directions, it is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and therefore, rotational crop injury is always a possibility. Under some conditions (such as heavy texture soil, high organic matter, low pH or low rainfall), this product causes injury to subsequent planted crops. Vegetable crops and particularly sugar beets are sensitive to residues of this product in the soil.

Naturally occurring biotypes\* of some of the weeds listed on this label are not effectively controlled by this and/or other products with either the ALS/AHAS enzyme inhibiting mode of action. Other herbicides with the ALS/AHAS enzyme inhibiting mode of action include the sulfonyleureas (e.g., Accent®, Basis®, Classic®, Harmony® GT, Spirit™, Permit®, etc.), the sulfonamides (e.g., FirstRate™, etc.) and the pyrimidyl benzoates (e.g. Staple®, etc.). If naturally occurring ALS/AHAS resistant biotypes are present in a field, this product and/or any other ALS/AHAS enzyme inhibiting mode of action herbicide should be tank mixed or applied sequentially with an appropriate registered herbicide having a different mode of action to ensure control.



\*A weed biotype is a naturally occurring plant within a given species that has a slightly different, but distinct, genetic makeup from other plants.

Replanting: If replanting is necessary in a field previously treated with this product, replant the field to soybeans, peanuts or CLEARFIELD® corn (imidazolinone resistant/tolerant corn), lima beans or Southern peas. Rework the soil no deeper than the treated zone. Do not apply a second treatment of this product.

#### **USE AREA RESTRICTIONS**

This product is not for sale or use on Long Island in New York State.

#### **MIXING INSTRUCTIONS**

Postemergence applications of this product require the addition of an adjuvant **and** a fertilizer solution.

**Note: Do not use fertilizer solutions in the state of California.**

#### **Adjuvants**

**Crop Oil Concentrate:** Use a vegetable seed or petroleum based oil concentrate. Use methylated seed oils when weeds are under moisture or temperature stress. Use methylated seed oils at the rate of 1.0% v/v (1 gallon per 100 gallons of spray solution), or use a crop oil

concentrate at 1.25% v/v (1.25 gallons per 100 gallons of spray solution). **When making applications to edible legume vegetable crops, do not include a crop oil concentrate.**

**OR**

**Surfactants:** Use a non-ionic surfactant containing at least 80% active ingredient. Apply the surfactant at the rate of 0.25% v/v (1 quart per 100 gallons of spray solution). Use an organo-silicone surfactant or dry surfactant in place of a non-ionic surfactant.

**AND**

**(All States Except California)**

**Fertilizer Solution**

Apply nitrogen based liquid fertilizers (such as 28%N, 32%N or 10-34-0) at the rate of 1.25 to 2.5 gallons per 100 gallons of spray solution. Use the higher rate when weeds are under temperature or moisture stress. Instead of a liquid fertilizer, use spray grade ammonium sulfate at the rate of 12-15 lbs. per 100 gallons of spray solution.

**Note:** Fertilizer solution is not required in applications with this product in use areas south of interstate highway 40, except in the states of Texas, New Mexico and Oklahoma.

Fill the spray tank one-half full with clean water. Use a calibrated measuring device to measure the required amount of this product. Add this product to the spray tank while agitating. Add adjuvants and fill the remainder of the tank with water.

### **TANK MIX COMBINATIONS WITH OTHER HERBICIDES**

If other herbicides are tank mixed with this product, add components in the following order, while agitating:

1. Fill the spray tank 1/2 full with clean water.
2. Add soluble packet products and thoroughly mix.
3. Add WP (wetable powder), DG (dispersible granule), DF (dry flowable) or liquid flowable formulations not in soluble packets.
4. Add this product and mix thoroughly.
5. Add other aqueous solution products.
6. Add EC (emulsifiable concentrate) products.
7. Add surfactant or crop oil to the spray tank.
8. Add liquid fertilizer.
9. While agitating, fill the remainder of the tank with water.

Drain and thoroughly clean spray equipment used for applications of this product before using to apply other products to avoid injury to sensitive crops. When this product is used in combination with another herbicide, refer to the respective product label for rates, methods

of application, weeds controlled, proper timing, restrictions and precautions. Always use in accordance with the more restrictive label restrictions and precautions. No label dosages should be exceeded. This product cannot be mixed with any product bearing a label prohibiting such mixture.

### **SPRAYING INSTRUCTIONS**

Do not apply this product when wind velocity is greater than 10 mph, or when spray may be carried to sensitive crops. Sensitive crops include, but are not limited to, leafy vegetables and sugar beets.

### **GROUND APPLICATIONS**

Uniformly apply in 10 or more gallons of water per acre with properly calibrated ground equipment. Use a spray pressure of 20 to 40 psi.

Use a minimum of 20 gallons of water per acre when applying this product to minimum or no-till crops to ensure thorough coverage. Use higher gallonage for fields with dense vegetation or heavy crop residues. Adjust the boom height to ensure proper coverage of weed foliage (according to the manufacturer's instructions). Use only flat-fan nozzle tips for postemergence applications. Avoid overlaps when spraying.

## **APPLICATION INFORMATION**

### **Postemergence**

This product is effective in controlling weeds in conservation tillage as well as in conventional production systems. Unless otherwise indicated, apply this product as an early postemergence treatment when weeds are actively growing and before they exceed a height of 3 inches. Delay application until the majority of the weeds are at the specified growth stage. Application timing should be based on weed size and not crop growth stage. Apply this product to crops and weeds that are actively growing.

An adjuvant (either a surfactant or a crop oil concentrate) and a nitrogen-based fertilizer must be added to the spray solution for optimum weed control activity. See the ADJUVANTS section under MIXING INSTRUCTIONS for additional information.

Absorption will occur through both the roots and foliage when this product is applied postemergence. Susceptible weeds stop growing and either die or are not competitive with the crop. This product not only controls many existing broadleaf and grass weeds when applied postemergence, it also provides control of susceptible weeds that emerge after application.

Cultivate 7-10 days following a postemergence application of this product for maximum weed control. This timely cultivation will enhance residual weed control, especially under dry conditions.

Apply this product a minimum of one hour before rainfall or overhead irrigation.

Unusually cool temperatures (50°F or less) reduce photosynthesis and transpiration and thus reduce uptake, translocation, and efficacy of this product in weeds. Delaying an application of this product for 48 hours from the time the temperature increases above 50°F, for 10 hours or more will improve weed control and reduce crop response.

**FEDERAL CONSERVATION RESERVE PROGRAM AND AGRICULTURAL RESERVE PROGRAM LAND SEEDED TO FORAGE LEGUME SPECIES AND PERENNIAL FORAGE GRASSES**

This product is effective in controlling many annual broadleaf and grass weeds in Conservation Reserve Programs and Agricultural Reserve Programs (Set-Aside) land seeded to forage legume or grass crops. An application of this product sometimes results in temporary reduction in growth of legumes and grasses. Plants overcome temporary effects and become well established due to reduced weed competition.

Do not graze or feed legumes or grasses following an application of this product. Do not cut treated legumes or grasses for hay or forage.

Do not harvest legume seed for livestock feed. Do not use seed from treated legumes for sprouting. Apply only one application of this product per year.

### **COVER CROPS\***

**Legumes:** Apply to forage legumes including alfalfa, clovers, crown-vetch, birdsfoot trefoil and lespedeza.

**Grasses:** Apply this product to the following grasses: big bluestem, little bluestem, switchgrass, Russian wildrye, intermediate wheatgrass, crested wheatgrass, western wheatgrass, tall wheatgrass, smooth brome, canarygrass or orchardgrass.

**\*Note:** Plant cover crops into fields previously treated with this product for weed control in soybeans. In this situation, do not make an application of this product to the cover crop until the following spring.

### **POSTEMERGENCE APPLICATIONS TO CRP COVER CROPS**

**Application Rate:** Apply this product at the rate of 4 fluid ounces per acre.

**Application Timing:** Apply this product postemergence to seedling legumes (with at least 3 fully expanded trifoliolate leaves) or to established legumes. On established legumes, apply this product in the fall or in the spring before weeds exceed the maximum specified size for control. Do not apply this product to seeded grasses until they have 4 leaves.

---

---

## CROPS

---

---

### ALFALFA AND CLOVER

---

#### **Use Rate (3 to 6 ounces per acre).**

Apply this product at a broadcast rate of 3 to 6 ounces per acre postemergence only.

#### **Apply a maximum of 0.094 lbs. a.e./A of imazethapyr (6 oz./A of this product) per year to alfalfa or clover.**

In North Dakota or Minnesota north of Highway 210, do not apply more than 4 ounces of this product per acre.

Do not apply more than 4 ounces of product to alfalfa or clover during the last year of the stand.

#### **SEEDLING ALFALFA/CLOVER**

This product must be applied postemergence to seedling alfalfa or clover. Apply this product when the seedling alfalfa or clover is in the second (2nd) trifoliate stage or larger and when the majority of the weeds are 1-3 inches. For low growing weeds (such as mustards), apply this product before the rosette exceeds 3 inches. When this product is applied to seedling alfalfa or clover, expect a potential temporary reduction in growth.



### **ESTABLISHED ALFALFA/CLOVER**

Apply this product to established alfalfa or clover in the fall, in the spring to dormant, or semi-dormant alfalfa or clover (less than 3 inches of regrowth), or between cuttings. Any application should be made before significant alfalfa or clover growth or regrowth (3 inches) to allow this product to reach the target weeds.

Replanting: If replanting is necessary in a field previously treated with this product, do not plant alfalfa or clover for 4 months following an application. Refer to the ROTATIONAL CROP GUIDELINE section of this label for plant-back interval of various crops.

### **PREHARVEST INTERVAL**

Do not graze, feed or harvest alfalfa or clover for 30 days following an application of this product to alfalfa or clover.

### **WEEDS CONTROLLED**

When applied as directed, this product will control or reduce competition from the weeds listed below. Refer to the MIXING INSTRUCTIONS section for instructions when weeds are at the maximum specified growth stage, or are under stress.

### **Note: S = Reduced Competition**

Weeds noted with an "S" will be suppressed by this product. For best results, apply before the weeds exceed the size indicated below.

### BROADLEAF WEEDS CONTROLLED

Weeds Controlled	Product Application Rate		
	3 oz/A	4 oz/A	6 oz/A
	Maximum Weed Size (inches)		
Artichoke, Jerusalem	S	6	8
Beets, wild	4	5	6
Bedstraw, Catchweed		3	4
Buckwheat, wild		3	4
Chickweed,			
common	S	3	4
mouseear	S	3	3
Cocklebur, common	S	8	8
Cress, hoary		S	S
Dandelion		S	S(5)
Dock,			
broadleaf (seedling)			S(6)
curly (seedling)			S(6)
Dodder			S*
Fiddleneck			S(4)

**BROADLEAF WEEDS CONTROLLED** *(continued)*

<b>Weeds Controlled</b>	<b>Product Application Rate</b>		
	<b>3 oz/A</b>	<b>4 oz/A</b>	<b>6 oz/A</b>
	<b>Maximum Weed Size (inches)</b>		
Filaree,			
redstem		S	3
whitestem		S	3
Fleabane, rough		3	3
Flixweed	S	3	4
Goosefoot, Nettleleaf	S	3	4
Groundsel, common			S(3)
Henbit		S	3
Jimsonweed		3	4
Knotweed, prostrate		S	3
Kochia (non-ALS resistant)	S	3	3
Lambsquarter,			
common (1-2 leaves)		S	S(2)
Lettuce, miners		3	4

**BROADLEAF WEEDS CONTROLLED** *(continued)*

<b>Weeds Controlled</b>	<b>Product Application Rate</b>		
	<b>3 oz/A</b>	<b>4 oz/A</b>	<b>6 oz/A</b>
	<b>Maximum Weed Size (inches)</b>		
Mallow,			
common		3	3
little		3	3
Marshelder		4	6
Morningglory,			
entireleaf		S	3
ivyleaf		S	3
pitted		S	3
smallflower	S	3	4
tall		S	3
Mustards,			
tumble	3	3	4
wild	3	3	4
black	3	3	4
Nettle, burning		3	4

**BROADLEAF WEEDS CONTROLLED** *(continued)*

<b>Weeds Controlled</b>	<b>Product Application Rate</b>		
	<b>3 oz/A</b>	<b>4 oz/A</b>	<b>6 oz/A</b>
	<b>Maximum Weed Size (inches)</b>		
Nightshade,			
black	3	3	4
Eastern black	3	3	4
hairy	3	3	4
Oxtongue, bristly			S(3)
Pennycress, field	3	3	4
Pepperweed,			
field	3	3	4
Virginia	S	3	3
Pigweed,			
redroot	4	6	8
smooth	4	6	8
spiny		6	8
Radish, wild		S	4
Ragweed,			
common		2	3
giant		3	3

<b>BROADLEAF WEEDS CONTROLLED</b> <i>(continued)</i>			
<b>Weeds Controlled</b>	<b>Product Application Rate</b>		
	<b>3 oz/A</b>	<b>4 oz/A</b>	<b>6 oz/A</b>
	<b>Maximum Weed Size (inches)</b>		
Redmaids		3	4
Rocket,			
London	3	4	6
yellow	S	3	4
Rockpurslane, desert			3
Shepherdspurse	3	3	4
Smartweed,			
ladysthumb	S	3	4
Pennsylvania	S	3	4
swamp (seedling)		3	4
Spurge,			
prostrate		S	3
spotted		S	3
petty		3	4

<b>BROADLEAF WEEDS CONTROLLED</b> <i>(continued)</i>			
<b>Weeds Controlled</b>	<b>Product Application Rate</b>		
	<b>3 oz/A</b>	<b>4 oz/A</b>	<b>6 oz/A</b>
	<b>Maximum Weed Size (inches)</b>		
Spurry, corn		3	3
Sunflower, common	S	4	6
Swinecress		3	3
Tansymustard,			
green	3	3	4
pinnate	3	3	4
Thistle, Russian	S	3	3
Velvetleaf	S	3	4
Watercress, creeping		2	3
Watercress		3	3
Willowweed, panicle		3	3
*For best results in suppressing dodder ( <i>cuscuta</i> spp.), apply this product with crop oil concentrate or methylated seed oil after dodder has emerged but prior to or soon after attachment.			

<b>GRASSES AND SEDGES CONTROLLED</b>		
<b>Weeds Controlled*</b>	<b>Product Application Rate</b>	
	<b>4 oz/A</b>	<b>6 oz/A</b>
	<b>Maximum Weed Size (inches)</b>	
Barnyardgrass	S	3
Bluegrass, annual		S(3)
Canarygrass, littleseed	S	S(3)
Cereals, volunteer		
barley	S	S(4)
oats	S	S(4)
wheat	S	S(4)
Crabgrass,		
large	S	3
smooth	S	3
Cupgrass, woolly**	3	3
Foxtail,		
giant	6	6
green	3	4
yellow	3	3



**GRASSES AND SEDGES CONTROLLED** *(continued)*

<b>Weeds Controlled*</b>	<b>Product Application Rate</b>	
	<b>4 oz/A</b>	<b>6 oz/A</b>
	<b>Maximum Weed Size (inches)</b>	
Johnsongrass,		
seedling	8	8
rhizome	S	S(6-12)
Millet, wild proso	S	3
Nutsedge,		
yellow	S	S(6)
purple	S	S(6)
Oats, wild	S	S(4)
Rice, red	3	4
Shattercane	8	10
Signalgrass, broadleaf	S	8
Quackgrass***		S(7)

\* This product is active against many grass species. However, when heavy grass pressure is anticipated, use this product in a sequential application with a registered postemergence grass herbicide such as Poast Plus® for optimum control.

- \*\* This product will only control emerged woolly cupgrass.
- \*\*\* Quackgrass will be suppressed only when actively growing and before it exceeds 7 inches in height.

### **TANK MIX COMBINATIONS WITH OTHER HERBICIDES**

To control weeds not specifically listed on this product label, tank mix herbicides such as Buctril®, 2,4-DB, Poast®, Poast Plus®, Prism® or Select® with this product. When this product is used in combination with another herbicide, refer to the respective label for rates, methods of application, proper timing, weeds controlled, restrictions and precautions. Always use in accordance with the more restrictive label restrictions and precautions. No label dosages should be exceeded.

### **APPLICATION INFORMATION**

This product is effective in controlling a broad spectrum of broadleaf and grass weeds. Alfalfa and clover are tolerant to postemergence applications of this product after the second trifoliate leaf has expanded. Minor height reduction or slight leaf yellowing occurs soon after application.

Apply this product as an early postemergence treatment when the weeds are actively growing. Weeds are generally easier to control before they exceed 3 inches in height. Weeds under stress are less susceptible to control in cold or drought stress conditions.

Temporary stunting and yellowing of the crop occurs if applied to alfalfa or clover under cool conditions (40°F or less).

### **STAND ESTABLISHMENT**

Apply this product after alfalfa or clover has 2 fully expanded trifoliolate leaves. Weeds must not exceed the size listed in the WEEDS CONTROLLED tables. Apply this product to summer, fall or spring seeded alfalfa or clover.

### **Inter-seeded Oats**

Oats inter-seeded with alfalfa or clover will reduce soil erosion and allow the alfalfa or clover to establish. However, oats can compete with the alfalfa or clover. An application of this product will kill or significantly reduce the growth of the oats and allow the alfalfa or clover to establish with minimal erosion or competition from the oats. Apply this product to the oats when the oats have 3-4 leaves.

### **ESTABLISHED ALFALFA/CLOVER – DORMANT**

Apply this product to dormant alfalfa or clover in the fall following the last cutting. Also apply this product in the spring to dormant alfalfa or clover, or as alfalfa or clover breaks dormancy. Apply spring treatments prior to excessive alfalfa or clover growth (less than 3 inches), to reduce spray interference.

### **ESTABLISHED ALFALFA/CLOVER – GROWING**

For weed control during the season, apply this product following alfalfa or clover cutting. Remove the hay from the field and apply this product prior to excessive alfalfa or clover regrowth.

### **Perennial Grass Suppression**

If perennial grasses such as orchardgrass, fescues, bromes, or timothy are present in an alfalfa or clover stand, this product will reduce the growth and competitive effect of the grass.

### **ROTATIONAL CROP RESTRICTIONS**

Plant the following rotational crops after applying this product at the specified rate: (Planting earlier than the specified interval results in crop injury).

**Anytime** – Lima beans, Southern peas, Soybeans, Peanuts, CLEARFIELD® corn hybrids (resistant/tolerant to this product)

**4 Months after application of this product** – Alfalfa, Clover, Rye (except in North Dakota and Minnesota north of Highway 210), Wheat, Edible beans and peas (other than lima beans and Southern peas)

**8 1/2 Months after application of this product** – Field corn, Field corn grown for seed

**9 1/2 Months after application of this product** – Barley, Tobacco

**18 Months after application of this product** – Cotton\*, Lettuce, Oats, Popcorn, Rye (in North Dakota and Minnesota north of Highway 210), Safflower, Sorghum, Sunflower, Sweet Corn

**26 Months after application of this product** – Potatoes, Flax

**40 Months after application of this product** – All crops not listed elsewhere in this ROTATIONAL CROP GUIDELINE\*\*

\*Refer to the following table for a Cotton Rotation Interval following product application to alfalfa or clover grown for seed production. These guidelines do not apply to product applications made to alfalfa or clover grown for hay or forage (Use the 18 month Rotational Interval above).

### **Cotton Rotation Following Application of this product to Alfalfa Grown for Seed**

		<b>Rotation Interval</b>
Irrigation/Precipitation Requirements	Less than 3 acre feet or 36" of water	40 months
	Greater than or equal to 3 acre feet or 36" of water	18 months

\*\* Following 40 months after an application of this product, and before planting any crop not listed elsewhere in the ROTATIONAL CROP GUIDELINE, a successful field bioassay must be completed. The field bioassay consists of a test strip of the intended rotational crop planted across the previously treated field and grown to maturity. The test strip should include low areas and knolls, and include variations in soil type and pH. If no crop injury is evident in the test strip, plant the intended rotational crop the following year.

Sugarbeet production can be reduced when grown in soil conditions with a pH less than 6.5. If the field is limed to adjust pH prior to planting rotational crops not listed in the ROTATIONAL CROP GUIDELINE, apply the lime at least 12 months prior to planting the rotational crop.

When this product is used in accordance with label directions, it is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and therefore, rotational crop injury is always a possibility.

#### **EXCEPTIONS TO ROTATIONAL CROP RESTRICTIONS**

**Barley: (States of Delaware, Indiana, Kentucky, Maryland, New Jersey, Ohio, Pennsylvania, and Virginia only).** Plant barley 4 months following application of this product in these states.

**CLEARFIELD® canola:** Plant CLEARFIELD® varieties of canola, such as Pioneer 45A71 and Pioneer 46A76 as a rotational crop the next season after an application of this product at label rates on registered crops.

**Corn inbred lines:** Plant corn inbred seed lines the year following an application of this product. Several seed companies have tested a wide range of inbreds for sensitivity to product soil residues and have reported good crop safety. However, due to the proprietary nature of seed production, Whitetail Institute of North America has not been given access to the inbred data. Growers are directed to contact the seed company for information and instructions regarding the planting of corn grown for seed in fields treated with this prod-

uct the previous year. Since growing conditions, environmental conditions and grower practices are beyond the control of Whitetail Institute of North America, all risks and consequences associated with planting seed corn inbreds into fields treated previously with this product shall be assumed by the user.

**Sweet corn and popcorn varieties: (States of Illinois, Indiana, Iowa, Minnesota, Ohio, Tennessee, and Wisconsin only).** Plant sweet corn and popcorn varieties the year following an application of this product. Some injury can occur in sweet corn and popcorn varieties when planted at less than 18 months following an application of this product. Before planting sweet corn for processing, contact the processor company for information and instructions regarding the tolerance of sweet corn varieties planned for fields treated with this product the previous year. DO NOT plant fresh market sweet corn varieties prior to 18 months after product use. Before planting popcorn, contact the popcorn company for information and instructions regarding the tolerance of popcorn varieties planned for fields treated with this product the previous year.

Since growing conditions, environmental conditions and grower practices are beyond the control of Whitetail Institute of North America, all risks and consequences associated with planting sweet corn or popcorn varieties into fields treated previously with this product shall be assumed by the user.



Stunting and maturity delay or other adverse effects result when sweet corn or popcorn are planted following product use.

**Certain vegetable crops: (States of Alabama, Delaware, Florida, Georgia, Indiana, Kentucky, Maryland, New Jersey, North Carolina, Pennsylvania, South Carolina, and Virginia only):** Plant the following crops 18 months following the last application of this product: bahiagrass, cabbage, cantaloupe, cucumber, Irish potato, onion, sweet potato transplants, sweet pepper transplants, tomato transplants, and watermelon.

**Field Corn and Field Corn Grown for Seed: (Arizona, Hawaii, Idaho, Montana, Nevada, Oregon, Utah, Washington, and Wyoming):** 9 ½ months after application of this product.

**Snap Beans:** Replant snap beans at any time after application of this product when applied at no more than 1.5 ounces per acre in the use areas defined on this label.

**Wheat:** Plant wheat 3 months following product application in areas east of interstate highway I-35.

---

## **PRECAUTIONS**

---

### **NON-GRASS ANIMAL FEED (ALFALFA AND CLOVER)**

Do not feed, graze or harvest alfalfa or clover for 30 days following an application of this product to alfalfa or clover.

### **GENERAL (ALL CROPS)**

Full rate application of products containing chlorimuron ethyl (Classic®, Canopy® XL, Synchrony®, etc.), chloransulam-methyl (FirstRate™), flumetsulam (Hornet™, Python™), imazaquin (Squadron®, Scepter® 70DG) or products containing imazethapyr (Pursuit® DG or Pursuit® Plus EC) the same year as this product increases the risk of injury to sensitive follow crops. Consult labels for specified uses of these products in combinations.

Use only rotational crops harvested at maturity for feed or food.

In the event of a crop loss due to weather, soybeans, peanuts or CLEARFIELD® corn can be replanted. Do not work the soil deeper than 2 inches.

## **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep from freezing. Do not store below 32°F. Avoid contamination of feed or foodstuffs.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### **CONTAINER DISPOSAL:**

**Plastic Containers:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

### **WARRANTY DISCLAIMER**

**The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.**

### **LIMITATION OF LIABILITY**

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

**If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.**

Slay™ is a trademark of Whitetail Institute of North America.  
All other trademarks are the property of their respective owners.

RV121809[1]







# SLAY™ HERBICIDE

For use in Alfalfa and Clover

## ACTIVE INGREDIENT:

Ammonium salt of imazethapyr ( $\pm$ )-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid\* ..... 22.87%

OTHER INGREDIENTS: ..... 77.13%

TOTAL: ..... 100.00%

\*Equivalent to 21.6% ( $\pm$ )-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid

1 gallon of this product contains 2.0 pounds active ingredient as the free acid

## KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCIÓN

### FIRST AID

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. **If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. **HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

See attached label booklet for additional PRECAUTIONARY STATEMENTS

EPA Reg. No. 228-627-81883

EPA Est. No. 73427-IN-001

Net Contents: 1 Pint

RV121809[1]

Distributed by: Whitetail Institute of North America, 239 Whitetail Trail, Hope Hull, AL 36043



PEEL HERE TO OPEN

12991000