For selective postemergence control of broadleaf weeds in listed crops, conservation reserve program (CRP) acres, non-cropland, and rangeland and permanent grass pastures

Active ingredient: clompyral-2-dichloro-2-pyridyldicarboxylic acid, nonethanolamine salt — 40.9%

Other ingredients — 59.1%

Total — 100.0%

Add Equivalent: clompyral 5.0-dichloro-2-pyridyldicarboxylic acid 31% (5 litres)

Keep Out of Reach of Children

CAUTION

In case of emergency endangering health or the environment involving this product, call 1-800-862-5564.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

For additional Precautionary Statements, First Aid, Storage and Disposal and other use information see inside this label.

Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.

EPA Reg. No. 62710-73
EPA Est. 5905-IA-01
066-016270 / 00316005
Produced for Dow AgroSciences LLC
9300 Zionsville Road
Indianapolis, IN 46269

Net Contents: 1.0 l
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Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Causes Moderate Eye Irritation • Harmful If Absorbed Through Skin
Avoid contact with eyes, skin, or clothing.

Personal Protective Equipment (PPE)
Applicators and other handlers must wear:
• Long-sleeved shirt and long pants
• Chemical-resistant gloves made of any waterproof material
• Shoes plus socks
• Protective eyewear
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, 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.

**First Aid**
- 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 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.
- Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-999-5600 for emergency medical treatment information.

**Environmental Hazards**

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater. Do not contaminate water used for irrigation or domestic purposes.

Clomazone is a chemical which can travel (leach or drift) through soil and under certain conditions contaminate groundwater which may be used for irrigation or drinking purposes. Users are advised not to apply clomazone where soils have a rapid to very rapid permeability throughout the profile (such as loamy sand to sand) and the water table of an underlying aquifer is shallow, or to soils containing sinkholes over limestone bedrock, severely fractured...
surfaces, and substrates which would allow direct introduction into an aquifer.
Your local agricultural agencies can provide further information on the type of
soil in your area and the location of groundwater.

Physical or Chemical Hazards
Combustible. Do not use or store near heat or open flame.

Directions for Use
It is a violation of Federal law to use this product in a manner inconsistent with
its labeling.
Read all Directions for Use carefully before applying.
Not for Sale, Use or Distribution in Nassau and Suffolk Counties in
New York State.
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.

Agricultural Use Requirements
Use this product only in accordance with its labeling and with the
Worker Protection Standard, 40 CFR Part 190. 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) 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 12 hours.
**Agricultural Use Requirements (Cont.)**
- PPE required for 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 made of any waterproof material
  - Shoes plus socks
  - Protective eyewear

**Non-Agricultural Use Requirements**
The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

**Entry Restrictions for Non-WPS Uses:** For applications to fallow cropland, rangeland, pastures, and non-crop areas, do not enter treated areas until sprays have dried. For early entry to treated areas, wear eye protection, chemical-resistant gloves made of any waterproof material, long-sleeved shirt, long pants, shoes and socks.

**Storage and Disposal**
- Do not contaminate water, food, or feed by storage and disposal.
- **Pesticide Storage:** Store above 20°F or warm to 40°F and agitation before use.
- **Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
- **Container Handling:** Nonrefillable container. Do not reuse or refill this container.
Storage and Disposal (Cont.)

Triple rinse or pressure 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 into application equipment or a mix tank or store residue for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect residue for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

General Information

Singe® herbicide is a selective, postemergence herbicide for control of broadleaf weeds in barley, oats and wheat not interseeded with a legume, canola, Christmas tree plantations, fallow cropland, field corn, garden beet, grasses grown for seed, mint (spearmint and peppermint), popcorn, spinach, stone fruits, sugar beet, sweet corn, turnip, cottonwood/poplar and eucalyptus-free plantations, rangeland and permanent grass pastures, conservation reserve program (CRP) acres, and non-cropland areas including fence rows, around farm buildings, and equipment pathways.

Precautions and Restrictions

Use directions in Dow AgroSciences supplemental labelling may supersede directions or limitations in this labelling.
In California and New York, the maximum application rate for Stinger is 2/3 pint per acre per growing season. Do not exceed a cumulative amount of 2/3 pint (0.25 lb acid equivalent) of chloryprid per acre per crop year, unless specifically allowed.

Not for sale, use or distribution in Nassau and Suffolk Counties in New York State.

Do not contaminate irrigation ditches or water used for irrigation or domestic purposes.

Stinger may be applied by aircraft on the following crops: canola (rapeseed), crambe, spinach, and sugar beet. Do not apply Stinger by aircraft to other labeled crops unless otherwise permitted by Dow AgroSciences supplemental labeling.

Do not use in greenhouses.

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

Re-treatment is allowed, but do not apply more than the maximum allowable rate per crop growing season. An application to fallow cropland preceding or following an application to dryland small grains (wheat, barley or oat) is allowed, but is not allowed preceding or following an application to irrigated small grains.

Do not transfer livestock from treated grazing areas (or feeding of treated hay) to sensitive broadleaf crop areas without first allowing 7 days of grazing on an untreated pasture (or feeding of untreated hay). If livestock are transferred within less than 7 days of grazing untreated pasture or eating untreated hay, urine and manure may contain enough chloryprid to cause injury to sensitive broadleaf plants.
Field Bioassay Instructions: In fields previously treated with this product, plant short test rows of the intended rotational crop across the original direction of application in a manner to sample field conditions such as soil texture, soil pH, drainage, and any other variable that could affect the seed bed of the new crop. Field bioassay at any time prior to the planting of the intended rotational crop. Observe the test crop for herbicidal activity, such as poor stand, effect on seed germination, chlorosis (yellowing), necrosis (dead leaves or shoots), or stunting/reduced growth. If herbicidal symptoms do not occur, the test crop can be grown. If there is apparent herbicidal activity, wait one year before reapplying the product or plant only a labelled crop or crop listed in the table below for which the rotational interval has clearly been met.

Crop Rotation Intervals
Residues of Stinger in treated plant tissues, including the treated crop or weeds, which have not completely decayed may affect succeeding susceptible crops. Note: Numbers in parenthesis and superscripts refer to footnotes following tables.

### Crop Rotation Intervals for Florida Only

<table>
<thead>
<tr>
<th>Rotation Crops</th>
<th>Rotation Interval*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barley, canola (expessed), colza crops (includes Brassica species grown for seed), flax, garden beet, grasses, field corn, oats, popcorn, spinach, sugar beet, sweet corn, turnip, wheat</td>
<td>anytime</td>
</tr>
<tr>
<td>Alfalfa, asparagus, grain sorghum, mint, onions, salsifises, strawberry</td>
<td>18 months</td>
</tr>
<tr>
<td>Dry beans, soybean, sunflower</td>
<td>18 months (c)</td>
</tr>
</tbody>
</table>

Rotation Interval* (Soil less than 2% organic matter AND rainfall greater than 15 inches during 12 months following application)
### Crop Rotation Intervals for Florida Only (Cont.)

<table>
<thead>
<tr>
<th>Rotation Crops (1)</th>
<th>Rotation Interval*</th>
</tr>
</thead>
<tbody>
<tr>
<td>lentils, peas, potatoes (including potatoes grown for seed), and</td>
<td>18 months (2, 3)</td>
</tr>
<tr>
<td>broadleaf crops grown for seed (excluding Brassica species)</td>
<td></td>
</tr>
</tbody>
</table>

1. For best results, conduct a field bioassay prior to planting any broadleaf crops that are not listed. Do not rotate to unlisted crops prior to 18 months following application.

2. Follow an 18-month crop rotation due to the potential for crop injury unless previous experience has shown no crop injury with the minimum 10.5-month rotation interval. **Note**: For these crops, a minimum 10.5-month rotation interval must be observed to avoid illegal residues in the harvested crop.

3. For best results, conduct a field bioassay prior to planting these sensitive crops.

4. **Note**: The above intervals are based upon average annual precipitation regardless of irrigation practices. Observation of listed crop rotation intervals should result in adequate safety to rotational crops. However, Stiliger is dissipated in the soil by microbial activity and the rate of microbial activity is dependent upon several interacting factors including soil moisture, temperature, and organic matter. Therefore, accurate prediction of rotational crop safety is not possible. In areas of low organic matter (<2.0%) and less than 15 inches average annual precipitation, potential for crop injury may be reduced by burning or removal of plant residues, supplemental fall irrigation and deep moldboard plowing prior to planting the sensitive crop.
<table>
<thead>
<tr>
<th>Rotation Crops (1)</th>
<th>Rotation Interval (Soil greater than 2% organic matter (\text{AND}) rainfall more than 15 inches during 12 months following application)</th>
<th>Rotation Interval (Soil less than 2% organic matter (\text{AND}) rainfall less than 15 inches during 12 months following application)</th>
</tr>
</thead>
<tbody>
<tr>
<td>barley, canola (rapeseed), clover crops (includes <em>Brassica</em> species grown for seed), flax, garden beet, grasses, field corn, oats, popcorn, spinach, sugar beet, sweet corn, lamp, wheat</td>
<td>anytime</td>
<td>anytime</td>
</tr>
<tr>
<td>alfalfa, asparagus, grain sorghum, mint, onions, sunflower, strawberry</td>
<td>10.5 months</td>
<td>10.5 months</td>
</tr>
<tr>
<td>dry beans, soybean, sunflower</td>
<td>10.5 months</td>
<td>18 months (2)</td>
</tr>
<tr>
<td>lentils, peas, potatoes (\text{(including potatoes grown for seed)}, \text{and broadleaf crops grown for seed (excluding <em>Brassica</em> species)}\</td>
<td>18 months (2)</td>
<td>18 months (2, 3)</td>
</tr>
</tbody>
</table>

1. For best results, conduct a field bioassay prior to planting any broadleaf crops that are not listed. Do not relate to unlisted crops prior to 10.5 months following application.
2. Follow an 18-month crop rotation due to the potential for crop injury unless previous experience has shown no crop injury with the minimum 10.5 month rotation interval. **Note:** For those crops, a minimum 10.5 month rotation interval must be observed to avoid illegal residues in the harvested crop.

3. For best results, conduct a field biossay prior to planting these sensitive crops.

4. **Note:** The above intervals are based upon average annual precipitation regardless of irrigation practices. Observation of listed crop rotation intervals should result in adequate safety to rotational crops. However, Slingo is dissipated in the soil by microbial activity and the rate of microbial activity is dependent upon several interrelated factors including soil moisture, temperature and organic matter. Therefore, accurate prediction of rotational crop safety is not possible. In areas of low organic matter (<2.0%) and less than 15 inches average annual precipitation, potential for crop injury may be reduced by burning or removal of plant residues, supplemental fall irrigation and deep moldboard plowing prior to planting the sensitive crop.

### Crop Rotation Intervals for California, Idaho, Nevada, Oregon, Utah and Washington Only

<table>
<thead>
<tr>
<th>Rotation Crops (1)</th>
<th>Rotation Intervala (Amen receiving greater than 18 inches of rainfall – not including irrigation)</th>
<th>Rotation Intervalb (Amen receiving less than 16 inches of rainfall – not including irrigation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barley, canola (rapeseed), oilseed crops (includes Brassica spp) grown for seed, flax, garden beet, grasses, field corn, oats, popcorn, spinach, sugar beet, sweet corn, turnip, wheat</td>
<td>anytime</td>
<td>anytime</td>
</tr>
<tr>
<td>Asparagus, grain sorghum, mint, onions, strawberries</td>
<td>12 months</td>
<td>12 months</td>
</tr>
</tbody>
</table>
### Crop Rotation Intervals for California, Idaho, Nevada, Oregon, Utah and Washington Only (Cont.)

<table>
<thead>
<tr>
<th>Rotation Crops (1)</th>
<th>Rotation Interval² (Areas receiving greater than 18 inches of rainfall — not including irrigation)</th>
<th>Rotation Interval² (Areas receiving less than 18 inches of rainfall — not including irrigation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa, dry beans, soybean, sunflower</td>
<td>12 months</td>
<td>18 months (2, 3)</td>
</tr>
<tr>
<td>Broadleaf crops grown for seed (excluding Brassica species), carrot (2), celery (2), cotton (2), flax, lettuce (2), melons (2), peas, potatoes (including potatoes grown for seed), safflower, and tomato (2)</td>
<td>18 months (2)</td>
<td>18 months (2, 3)</td>
</tr>
</tbody>
</table>

1. For best results, conduct a field bioassay prior to planting any broadleaf crops that are not listed. Do not rotate to unlisted crops prior to 12 months following application.

2. Follow an 18-month crop rotation due to the potential for crop injury unless previous experience has shown no crop injury with the minimum 12-month rotation interval. Note: For these crops, a minimum 12-month rotation interval must be observed to avoid illegal residues in the harvested crop.

3. Crop injury and/or yield loss may occur up to 4 years after application. For best results, conduct a field bioassay prior to planting these sensitive crops. See instructions above.

4. Note: The above intervals are based upon average annual precipitation regardless of irrigation practices. Observance of listed crop rotation intervals should result in adequate safety to rotational crops. However, Stinger is dissipated in the soil by microbial activity and the rate of microbial activity is dependent upon several interacting factors including soil.
moisture, temperature and organic matter. Therefore, accurate prediction of rotational crop safety is not possible. In areas of low organic matter (<2.0%) and less than 15 inches average annual precipitation, potential for crop injury may be reduced by burning or removal of plant residues, supplemental fall irrigation and deep moldboard plowing prior to planting the sensitive crop.

Avoid Injury to Non-Target Plants
This product can affect susceptible broadleaf plants directly through foliage and indirectly by root uptake from treated soil. Therefore, do not apply Stinger directly to, or allow spray drift to come in contact with, vegetables, flowers, tomatoes, potatoes, beans, lentils, peas, alfalfa, sunflowers, soybeans, safflower, or other desirable broadleaf crops or ornamental plants or soil where sensitive crops will be planted the same season. (See guidance on Crop Rotation Intervals.)

Residues in Plants or Manure: Do not use plant residues, including hay or straw from treated areas, or manure or bedding straw from animals that have grazed or consumed forage from treated areas, for composting or mulching where susceptible plants may be grown the following season. Do not spread manure from animals that have grazed or consumed forage or hay from treated areas on land used for growing susceptible broadleaf plants or apply such materials to land used for growing broadleaf crops, ornamentals, orchards, or other susceptible desirable plants. Plant materials or manure may contain enough clopyralid to cause injury to susceptible plant species. To promote herbicidal decomposition, plant residues should be evenly incorporated or burned. Breakdown of clopyralid in crop residues or manure is more rapid under warm, moist soil conditions and may be enhanced by supplemental irrigation.

Avoid Movement of Treated Soil
Avoid conditions under which soil from treated areas may be moved or blown to areas containing susceptible plants. Worn-down dust containing clopyralid may produce visible symptoms, such as spininess (downward curling or twisting of leaf petioles or stems) when deposited on susceptible
plants; however, serious injury is unlikely. To minimize potential movement of 
clorpyrifos on wind-blown dust, avoid treatment of powdery dry or light sandy 
soils until soil is settled by rainfall or irrigation or irrigate the treated soil shortly 
after application.

Avoid Spray Drift
Avoid spray drift since very small quantities of the spray, which may not be 
visible, may severely injure susceptible broadleaf plants during active growth 
or dormant periods. Use coarse sprays to minimize drift. To aid in further 
reducing drift, a drift control or deposition agent suitable for agricultural 
use may be used with this product. If used, follow all use directions and 
precautions on the product label.

Ground Applications: With ground application, spray drift can be lessened 
by keeping the spray boom as low as possible, by applying 10 gallons or more of 
spray per acre, by keeping the operating spray pressure at the manufacturer's 
instructions, specifying pressure for the specified nozzle 
type used (low pressure nozzles are available from spray equipment 
manufacturers), and by spraying when the wind velocity is low (follow state 
regulations). Avoid application under completely calm conditions which may 
be conducive to air inversion. In hand gun applications, select the minimum 
pressure required to obtain adequate plant coverage without forming a mist. 
Do not apply with a mist blower.

Aerial Application: With aerial application, drift can be lessened by using 
straight stream nozzles directed straight back, by using a spray boom 
no longer than 3/4 of the rotor or wing length of the aircraft, by using drift 
control systems or drift control additives, and by keeping spray pressures 
low enough to provide coarse spray droplets. Do not use a thickening 
agent with the Micro-Vol or Thru-Vol boom, or other systems that cannot 
accommodate thick sprays. Spray only when wind velocity is low (follow 
state regulations). Avoid calm conditions which may be conducive to air 
inversions.

Do not apply by aircraft when an air temperature inversion exists. Such a 
condition is characterized by little or no wind and a lower air temperature
near the ground than at higher levels. The use of a smoke device on the aircraft or continuous smoke column at or near site of application will indicate air direction and velocity, and whether a temperature inversion is present, as indicated by horizontal layering of the smoke.

**Sprayer Clean-Out**

To avoid injury to desirable plants, equipment used to apply Stinger should be thoroughly cleaned before re-using it to apply any other chemicals.

- Rinse and flush application equipment thoroughly at least three times with water after use. Dispose of rinse water by applying to treatment area or to non-cropland area away from water supplies.
- During the second rinse, add 1 quart of household ammonia for every 25 gallons of water. Circulate the solution through the entire system so that all internal surfaces are contacted (15 to 20 minutes). Let the solution stand for several hours, preferably overnight.
- Flush the solution out of the spray tank through the boom.
- Rinse the system twice with clean water, recirculating and draining each time.
- Remove nozzles and screens and clean separately.

**Mixing Instructions**

1. Add 3% of the required spray volume to the spray tank and start agitation.
2. Add the required amount of Stinger.
3. Add any surfactants, adjuvants or drift control agents according to manufacturer's label.
4. Agitate during final filling of the spray tank and maintain sufficient agitation during application to ensure uniformity of the spray mixture.

**Note:** Allow time for thorough mixing of each spray ingredient before adding the next. If allowed to stand after mixing, agitate spray mixture before use.

**Tank Mixing**

This product may be applied in tank mix combination with labeled rates of other products provided (1) the tank mix product is labeled for the timing and method of application for the use site to be treated; and (2) tank mixing is not prohibited by the label of the tank mix product. Follow all applicable
use directions, precautions, restrictions and limitations on the label for each product used in the tank mix.

Tank Mixing Precautions:
- Read carefully and follow all applicable use directions, precautions, and limitations on the respective product labels.
- Do not exceed specified application rates. Do not tank mix with another pesticide product that contains the same active ingredient as this product unless the label of either tank mix partner specifies the maximum dosage that may be used.
- For products packaged in water soluble packaging, do not tank mix with products containing boron or mix in equipment previously used to apply a product mixture containing boron unless the tank and spray equipment have been adequately cleaned. (See Instructions for Sprayer Clean-Out.)
- Always perform a jar test to ensure the compatibility of products to be used in tank mixture.

Tank Mix Compatibility Testing: A jar test is recommended prior to tank mixing to ensure compatibility of Stinger and other pesticides. Use a clear glass quart jar with lid and mix the tank mix ingredients in the required order and their relative proportions. Invert the jar containing the mixture several times and observe the mixture for approximately 1/2 hour. If the mixture ball-ups, forms flakes, sludge, jets, oily films or layers, or other precipitates, it is not compatible and this tank mix combination should not be used.

Application Directions
Application Timing
Apply to actively growing weeds. Extreme growing conditions such as drought or near freezing temperatures prior to, at, or following application may reduce weed control and increase the risk of crop injury at all stages of growth. Only weeds that have emerged at the time of application will be effecting. If foliage is wet at the time of application, control may be decreased. Applications of Stinger are rainfast within 6 hours after application.
Application Rates

Generally, application rates at the lower end of the rate range will be satisfactory for young, succulent growth of susceptible weed species. For less sensitive species, potentials, and under conditions where control is more difficult (plant stress conditions such as drought or extreme temperatures, dense weed stands and/or larger weeds), a higher rate within the rate range will be needed. Weeds in fallow land or other areas where competition from crops is not present will generally require higher rates for control or suppression.

<table>
<thead>
<tr>
<th>Crop or Use Site</th>
<th>Rate Range (pt/acre)</th>
<th>Maximum Use Rate (pt/acre/growing season)</th>
</tr>
</thead>
<tbody>
<tr>
<td>spinach</td>
<td>1/6 - 1/3</td>
<td>1/2</td>
</tr>
<tr>
<td>barley, oats, wheat</td>
<td>1/4 - 1/3</td>
<td>1/3</td>
</tr>
<tr>
<td>Christmas tree and cottonwood/ poplar and eucalyptus tree plantations, fallow cropland, field corn, grasses grown for seed, sugar beet</td>
<td>1/4 - 2/3</td>
<td>2/3</td>
</tr>
<tr>
<td>garden beet, canola (rapeseed), crambe, cole crops (Brassica species), southern pine seedbeds</td>
<td>1/4 - 1/2</td>
<td>1/2</td>
</tr>
<tr>
<td>mint, stone fruits, popcorn, sweet corn</td>
<td>1/3 - 2/3</td>
<td>2/3</td>
</tr>
<tr>
<td>turnip</td>
<td>1/3 - 1/2</td>
<td>1/2</td>
</tr>
<tr>
<td>permanent grasses on CRP land, noncropland, non-leguminous trees, rangeland and permanent grass pastures</td>
<td>1/3 - 1 1/3</td>
<td>1 1/3</td>
</tr>
</tbody>
</table>

*Do not exceed maximum rate in rate range per growing season.
Spot Treatments
To prevent misapplication, apply spot treatments only with a calibrated boom or with hand sprayers according to directions provided below.

Hand Held Sprayers: Hand held sprayers may be used for spot applications. Care should be taken to apply the spray uniformly and at a rate equivalent to a broadcast application. Application rates in the table are based upon an area of 1000 sq ft. Mix the amount of Stinger (fl oz or mL) corresponding to the desired broadcast rate in 1 gallon or more of spray. To calculate the amount of Stinger required for larger areas, multiply the table value (fl oz or mL) by the area to be treated in “thousands” of square feet, e.g., if the area to be treated is 3500 sq ft, multiply the table value by 3.5 (calc: 3500 ÷ 1000 = 3.5). An area of 1000 sq ft is approximately 10.5 x 10.5 yards (or 96 sq ft).

<table>
<thead>
<tr>
<th>Amount of Stinger per Gallon of Spray to Equal Specified Broadcast Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4 pt/acre</td>
</tr>
<tr>
<td>1/10 fl oz</td>
</tr>
<tr>
<td>(2.7 mL)</td>
</tr>
</tbody>
</table>

Use the following table for converting parts to fluid ounces:

<table>
<thead>
<tr>
<th>Conversion Chart - Pints to Fluid Ounces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pints</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td>1/3</td>
</tr>
<tr>
<td>1/4</td>
</tr>
<tr>
<td>1/2</td>
</tr>
<tr>
<td>2/3</td>
</tr>
</tbody>
</table>
Band Application
Stinger may be applied as a band treatment. Use the formulas below to determine the appropriate rate and volume per treated acre.

\[
\text{Band width in inches} \times \text{Broadcast rate \ per treated acre} = \text{Band rate per treated acre}
\]

\[
\text{Band width in inches} \times \text{Broadcast volume \ per treated acre} = \text{Band volume per treated acre}
\]

Use of Adjuvants
Addition of surfactants, crop oils, or other adjuvants is not usually necessary when using Stinger. Adding a surfactant to the spray mixture may increase effectiveness on weeds but may reduce selectivity to the crop, particularly under conditions of plant stress. When an adjuvant is to be used with this product, Dow AgroSciences recommends the use of a Chemical Producers and Distributors Association certified adjuvant. If an adjuvant is added to the spray solution, follow all manufacturer use guidelines.

Spray Coverage
Use sufficient spray volume to provide thorough coverage and a uniform spray pattern. Do not broadcast apply in less than 2 gallons of total spray volume per acre. For best results and to minimize spray drift, apply in a spray volume of 10 gallons or more per acre. As vegetative canopy and weed density increase, spray volume should be increased to obtain equivalent weed control. Use only nozzle types and spray equipment designed for herbicide application. To reduce spray drift, follow precautions under Avoid Injury to Non-Target Plants.
<table>
<thead>
<tr>
<th>Weed Species</th>
<th>Stage of Growth</th>
<th>Rule for Control(^{2}) (gt/acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>binomial wormwood (a, b)</td>
<td>up to 5 leaf</td>
<td>1/4 - 1/2</td>
</tr>
<tr>
<td>black medic clover (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>clover (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>cocklebur (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>coffeeweed (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>common burdock (b)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>common cocklebur (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>common groundsel (b)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>common ragweed (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>common teasel (b)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>cornflower (bachelor button) (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>curly dock (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dandelion (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>false chamomile (scentless) (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>gailooga (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>giant ragweed (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>hop clover (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>horseweed (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jerusalem artichoke (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>jimsonweed (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ladybird thistle (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>lamb’s thistle (b)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>marshelder (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>mayweed chamomile (dagfennel) (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weed Species</td>
<td>Stage of Growth</td>
<td>Rate for Control (pt/acre)</td>
</tr>
<tr>
<td>------------------------------------</td>
<td>-----------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>meadow salsify (goatsbeard) (b)</td>
<td>up to 5 leaf</td>
<td>1/4 - 1/2</td>
</tr>
<tr>
<td>musk thistle (b)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>narrowleaf hawkweed (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>orange hawkweed (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>oxyu02 chlor (g)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pineapple weed (g)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>prickly lettuce (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ragweeds (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>red clover (g)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>red sorrel (g)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>spindled (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>sunflower (g)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>sweet clover (b)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>vetch (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>volunteer alfalfa (g) (from seed only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>volunteer beans (g)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>volunteer beans (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>volunteer peas (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>volunteer soybean (g)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>white clover (g)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>white locoweed (g)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>yellow hawkweed (g)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>yellow starthistle (g)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>wild buckwheat (g)</td>
<td>1 - 3 leaf stage, fruit before vining</td>
<td>1/2</td>
</tr>
<tr>
<td>Weed Species</td>
<td>Stage of Growth</td>
<td>Rate for Control (g/acre)</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>-----------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>black nightshade (a)</td>
<td>2 - 4 leaf</td>
<td>1/2</td>
</tr>
<tr>
<td>buffalograss (a)</td>
<td>2 - 3 leaf</td>
<td></td>
</tr>
<tr>
<td>cheatgrass (a)</td>
<td>2 - 3 leaf</td>
<td></td>
</tr>
<tr>
<td>hairy nightshade (a)</td>
<td>2 - 3 leaf</td>
<td></td>
</tr>
<tr>
<td>nightshade spp. (a)</td>
<td>2 - 3 leaf</td>
<td></td>
</tr>
<tr>
<td>green smartweed (a)*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>smartweeds (suppression)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>annual sowthistle (a) (suppression)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canada thistle (a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>perennial sowthistle (a) (suppression)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>spotted/diffuse knapweeds (b)</td>
<td></td>
<td>1/2 - 2/3</td>
</tr>
<tr>
<td>Russian knapweed (g)*</td>
<td></td>
<td>2/3 - 1 1/2</td>
</tr>
</tbody>
</table>

*This table is provided as a general reference only. Refer to use directions for specific crop or use site for application rates.

Where a rate range is provided, use a lower rate in the rate range for light to moderate infestations under good growing conditions and a higher rate in the rate range for dense infestations or under less favorable growing conditions such as drought.

Not approved for use in California.

*These weeds may only be suppressed. Suppression is a visual reduction in weed competition (reduced population or vigor) as compared to untreated areas. The degree and duration of weed control will vary with weed size and density, application rate and coverage, and growing conditions before...
during, and after treatment. For perennial weeds, Stinger will control the top growth and inhibit regrowth during the season of application (season-long control). At higher use rates shown on this label, Stinger may cause a reduction in shoot regrowth in the season following application; however, plant response may be inconsistent due to inherent variability in shoot regrowth from perennial root systems.

**Uses**

<table>
<thead>
<tr>
<th>Agricultural Use Requirements for Crops: For the following crop uses, follow PPE and Reentry Instructions in the Agricultural Use Requirements section of this label.</th>
</tr>
</thead>
</table>

**Barley, Oats and Wheat**
(Not Registered for Use in Florida)

**Application Rate**
Appy 1/4 to 1/3 pint per acre of Stinger when crop is from the 3 leaf stage up to early boot stage of growth. For control of perennial weeds such as Canada thistle, 1/3 pint of Stinger per acre should be used. Russian knapweed will only be suppressed at this rate.

**Specific Use Precautions and Restrictions:**
- Do not permit lactating dairy animals or meat animals being finished for slaughter to forage or graze treated grain fields within 1 week after treatment.
- Do not harvest hay from treated grain fields.

**Brassica (Cole) Leafy Vegetables (Crop Group 5)**
(Registered for Use in Arizona, Arkansas, California, Colorado, Florida, Georgia, Missouri, New Mexico, New York, North Carolina, Oklahoma, South Carolina, Texas and Wisconsin)

1Brassica (cole) leafy vegetables (crop group 5) including broccoli, broccoflower, kale, collard greens, savoy, cabbage, cauliflower, endive, escarole, Chinese broccoli (gai lan), Chinese cabbage (bok choy), Chinese cabbage
(rape), Chinese mustard cabbage (gai choi), collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, rape greens

**Target Broadleaf Weeds and Application Rates**

<table>
<thead>
<tr>
<th>Target Broadleaf Weeds</th>
<th>Stinger (pint/acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>charlock</td>
<td>1/4 - 1/2</td>
</tr>
<tr>
<td>chickweed</td>
<td></td>
</tr>
<tr>
<td>common cocklebur</td>
<td></td>
</tr>
<tr>
<td>dandelion</td>
<td></td>
</tr>
<tr>
<td>garlicscaff</td>
<td></td>
</tr>
<tr>
<td>green arrowhead</td>
<td></td>
</tr>
<tr>
<td>goosefoot</td>
<td></td>
</tr>
<tr>
<td>linear weed</td>
<td></td>
</tr>
<tr>
<td>mustand weed</td>
<td></td>
</tr>
<tr>
<td>smooth silverleaf</td>
<td></td>
</tr>
<tr>
<td>wild buckwheat</td>
<td></td>
</tr>
<tr>
<td>annual sowthistle</td>
<td>1/3 - 1/2</td>
</tr>
<tr>
<td>Canadis thistle</td>
<td></td>
</tr>
</tbody>
</table>

*Suppression only.

**Application Timing**

Apply uniformly with ground equipment in a minimum of 10 to 40 gallons of water per acre. For suppression of Canada thistle, apply after the majority of basal leaves have emerged but prior to bud stage and at least 30 days prior to harvest.

**Specific Use Precautions Restrictions**

- **Preharvest Interval:** Do not apply within 30 days of harvest.
- **Mixing:** Do not apply with a broadcast application per crop per year, not to exceed a total of 12 pint per acre (3.187 lb a.e./acre) per year.
- **In New York and California, the maximum application rate for Stinger is 2 1/2 pint per acre per growing season. Do not exceed the cumulative amount of 2/3 pint (0.36 lb a.e.) of clopyralid per acre per crop year.
In Florida, Stinger may be used only on cabbage, Chinese cabbage (bok choy and napa), and Chinese mustard cabbage (gaal choy).

**Canola (Rapeseed) and Crambe**  
(not registered for use in California and Florida)

**Application Timing**

Apply to canola or crambe in the 2 to 6 leaf stage of crop growth at rates shown in the following table. Consult the table entitled Broadleaf Weeds Controlled and Guidelines for Control for additional information. Apply Stinger uniformly with ground or aerial equipment in 10 to 20 gallons total spray volume per acre (minimum of 5 gallons per acre by air).

**Target Broadleaf Weeds and Application Rates**

<table>
<thead>
<tr>
<th>Target Broadleaf Weeds</th>
<th>Application Rate (gallon/acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada thistle</td>
<td>1/3</td>
</tr>
<tr>
<td>perennial sowthistle</td>
<td>1/2</td>
</tr>
<tr>
<td>annual sowthistle</td>
<td>1/4 - 1/2</td>
</tr>
<tr>
<td>biennial wormwood</td>
<td></td>
</tr>
<tr>
<td>celandine</td>
<td></td>
</tr>
<tr>
<td>cock, curly</td>
<td></td>
</tr>
<tr>
<td>false chamomile</td>
<td></td>
</tr>
<tr>
<td>green smartsweed</td>
<td></td>
</tr>
<tr>
<td>hairy weed chamomile</td>
<td></td>
</tr>
<tr>
<td>nightshade species</td>
<td></td>
</tr>
<tr>
<td>sunflower</td>
<td></td>
</tr>
<tr>
<td>wild buckwheat</td>
<td></td>
</tr>
</tbody>
</table>
Specific Use Precautions and Restrictions:
- Preharvest Interval: Do not apply within 50 days of harvest.
- Make one broadcast application per crop per year.

Christmas Tree Plantations
(Not Registered for Use in Florida)

Application Timing
Use Stinger for control of actively growing balsam fir, blue spruce, Douglas fir, Fraser fir, grand fir, lodgepole pine, noble fir, ponderosa pine, and white pine. In the Pacific Northwest, do not apply in the first year of transplanting because some needle curling has been observed on first year transplants. For control of annual weeds, apply Stinger from weed emergence up to the 5 leaf stage of growth. For control of wild buckwheat, apply at 3 to 5 leaf stage of growth, but before flowering. For control of weeds such as Canada thistle and knapweeds, apply after the majority of the basal leaves have emerged up to bud stage. Late application may result in less consistent control.

Application Rate
Apply 1/4 to 1/2 pint of Stinger per acre for control of annual weeds. Apply 1/2 to 2/3 pint of Stinger per acre for difficult to control weeds such as Canada thistle and knapweeds. Apply as a broadcast or hand application at a minimum of 10 gallons per acre by ground application. Use the formulas under Band Application to determine the rate and volume per treated acre.

Stinger may be applied as a spot treatment using a hand held sprayer at an equivalent broadcast rate of 1/2 to 2/3 pint per acre. Refer to Instructions for Hand Held Sprayers under Spot Treatment in the Application Directions section.

Specific Use Precautions and Restrictions:
- Re-treat as necessary, but do not exceed 2/3 pint of Stinger per acre per annual growing season.
- Blue spruce: Do not exceed 1/2 pint per acre per annual growing season.
- Tree injury may occur with the addition of a surfactant or crop oil with Stinger. Do not use unless previous experience shows injury is tolerable.
- Do not apply with an air blast sprayer.

**Corn (Field, Pop, Sweet)**
(Not Registered for Use in Florida)

Use Stinger for postemergence control of annual sowthistle, Canada thistle, common cocklebur, common sunflower, giant and common ragweed, Jerusalem artichoke, jimsonweed and other broadleaf weeds infesting field corn. Apply Stinger at specified timing and rates for field, pop and sweet corn as indicated below.

**General Weed Control**
For control of common cocklebur, common ragweed, giant ragweed, sunflower, other annual weeds and Jerusalem artichoke, apply 1/4 to 1/2 pint of Stinger per acre from weed emergence up to the 5 leaf stage of growth. Use a higher rate in the rate range for heavy infestations or when greater residual control is desired. Consult the table entitled Broadleaf Weeds Controlled and Guidelines for Control for additional information.

**Control of Canada Thistle**
For effective control of Canada thistle, apply 1/3 to 2/3 pint of Stinger per acre as a broadcast treatment to the entire infested area. Apply when the majority of thistle plants have emerged and thistles are at least 6 to 8 inches in diameter or height up to bud stage. Cultivation can disrupt translocation to the roots of Canada thistle. For best long-term control, do not cultivate before or after application. If cultivation is necessary, wait 14 to 20 days after application before cultivating to allow for thorough translocation.

Control of Canada Thistle is influenced by growing conditions, density and size of thistle plant at application, tillage practices used, etc. Light infestations (less than 10 plants per square yard) will generally be adequately controlled with a rate of 1/3 pint per acre. For moderate to heavy infestations (more than 10 plants per square yard), rates of 1/2 to 2/3 pint per acre are generally more effective since these Canada thistle stands involve an extensive rhizome system.
The following are general descriptions of control to be expected from each rate of application given a medium to heavy population of Canada thistle. Control of lighter infestations may be better than that described:

- A rate of 1/2 pint per acre will suppress top growth of Canada thistle for 6 to 8 weeks. Some regrowth may occur by the end of the season, but this will not interfere with harvesting of the crop.
- A rate of 1 pint per acre will generally provide season-long control of Canada thistle. Not all weeds will be killed and some regrowth may occur by the end of the growing season.
- A rate of 2/3 pint per acre will provide season-long control of Canada thistle plus suppression into the following season, resulting in a reduction of the total number of Canada thistle plants in the treated area.

**Field Corn**

**Application Timing**

Apply Stingler to actively growing broadleaf weeds any time after corn emergence through 24 inch tall corn. Apply with ground equipment as a postemergence broadcast or directed spray in 10 gallons or more of spray volume per acre to ensure uniform and thorough spray coverage of the weed foliage. Use only spray nozzles designed for herbicide application. The use of flat fan nozzles provides the best coverage and distribution of chemical on the plant foliage. Use spray pressures (all the booms specified by nozzle manufacturers to obtain desired spray volume. Use higher spray volumes when weed foliage is dense.

**Tank Mixers or Sequential Applications**

See Tank Mixing section under Mixing Instructions. If Stingler is applied sequentially or in combination with Horsetail® WDG broadleaf herbicides, to the current corn crop, the maximum application rate at which Stingler may be applied to field corn is indicated in the following table.
<table>
<thead>
<tr>
<th>Rate of Hornet WDG Applied to Corn Crop (oz/acre)</th>
<th>Maximum Application Rate for Stinger (fl oz/acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>6.1</td>
</tr>
<tr>
<td>3</td>
<td>6.8</td>
</tr>
<tr>
<td>4</td>
<td>5.4</td>
</tr>
<tr>
<td>5</td>
<td>4.0</td>
</tr>
</tbody>
</table>

Note: Maximum use rate for clompyralid is 0.25 lb a.e. per acre. One ounce of Hornet WDG contains 0.031 lb of clompyralid. One ounce of Stinger contains 0.023 lb of clompyralid.

Corn Inbred Lines or Breeding Stock
Susceptibility of corn to injury from Stinger is highly related to varietal response. Inbred lines or any breeding stock may be injured by Stinger. Contact your seed production agronomist for advice before applying Stinger to inbred lines or breeding stock.

Hand Held Sprayers
Stinger may be applied as a spot treatment using a hand held sprayer at an equivalent broadcast rate of 2/3 pint per acre. Refer to instructions for Hand Held Sprayers under Spot Treatment in the Application Directions section. Applications should be made on a spray-to-wet basis with spray coverage uniform and complete. Do not spray to the point of runoff.

Specific Use Precautions and Restrictions:
- Re-treat as necessary, but do not apply more than 2/3 pint of Stinger per acre per year.
- Do not apply to field corn greater than 24 inches tall.
- Do not allow livestock to graze treated areas or harvest treated corn silage as long as within 40 days after last treatment.

Popcorn and Sweet Corn
(Not Registered for Use in California)
Application Timing
For popcorn, apply Stintex any time after popcorn emergence through 24-inch tall popcorn. For sweet corn, apply Stintex any time after sweet corn emergence through 18-inch tall sweet corn.

Application Rate
Apply 1/3 to 2/3 pint of Stintex per acre uniformly with ground equipment as a broadcast or directed spray in 10 to 20 gallons total spray volume per acre. For control of Canada thistle, apply Stintex when the majority of thistle plants have emerged and thistles are at least 6 to 8 inches in diameter or height, but before bud stage. For control of annual sowthistle, common cocklebur, Jerusalem artichoke, Jimsonweed, ragweed (common and giant), and sunflower, apply Stintex from weed emergence up to the 5 leaf stage of growth. Use a higher rate in the rate range for heavy infestations or when greater residual control is desired. Consult the table entitled Broadleaf Weeds Controlled and Guidelines for Control for additional information.

Specific Use Precautions and Restrictions:
• Preharvest Interval: Do not apply within 30 days of harvest for ears and forage and within 60 days of harvest for stover.
• Make one to two broadcast applications per crop per year, not to exceed a total of 2.5 pint per acre.
• Re-Treatment Interval: 21 days.
• Do not apply to popcorn greater than 24 inches tall or sweet corn greater than 18 inches tall.
• Apply only to sweet corn or popcorn that is to be used for processing.

Cottonwood/Poplar and Eucalyptus Tree Plantations
(Not Registered for Use in Florida)
Application Timing
Stintex may be used for selective postemergence control of labeled broadleaf weeds in new and established plantings of cottonwood/poplar and eucalyptus tree plantations.
Application Rate
Apply as a broadcast flail spray over trees or as a banded or directed spray at a rate of 1/3 to 2/3 pint per acre. Apply in 10 gallons or more per acre total spray volume using ground equipment only. Multiple applications of Slinger may be made as long as the total rate per growing season does not exceed 1 1/3 pints per acre. Apply to new plantings only after they are well established as indicated by several inches of new healthy growth.

See Broadleaf Weeds Controlled and Guidelines for Control for specified rates and timing for specific susceptible annual, biennial, and perennial weeds.

Hand Held Sprayers
Spot applications using hand held equipment are also allowed, but contact with tree foliage should be avoided or limited to lower branches. Apply to weeds on a spray-to-wet basis with spray coverage uniform and complete. Do not spray to the point of runoff. Prepare a spray solution by adding 1/4 fl oz of Slinger per gallon of water. When applied at 1 gallon of spray per 1000 sq ft, this spray concentration is equivalent to a broadcast rate of 2/3 pint per acre.

Specific Use Precautions and Restrictions:
• Do not tank mix Slinger with other herbicides labeled for this use unless spray avoids all contact with tree foliage.
• Slinger will not control certain broadleaf weeds including mustards, horsetail, chickweed, kochia, lambsquarters, pigweed, Russian thistle, and bindweed.

Fallow Cropland
(Not Registered for Use in Florida)

Application Timing
Slinger can be applied either preharvest, in the spring/summer (during fallow period), or to set aside acres to control or suppress listed weeds (refer to rotation restrictions). Apply to young, emerged weeds under conditions that promote active growth. For best results on perennial weeds such as Canada thistle, apply after the majority of the basal leaves have emerged up to bud stage. Later applications may result in less consistent control.
For best results, wait 14 to 20 days after application before cultivating or fertilizing with shank-type applications to allow for thorough translocation.

Application Rate
Apply 1/4 to 1/2 pint of Stinger per acre. Use a higher rate in the rate range on perennial weeds or when the condition of weeds at treatment may prevent optimum control.

Tank Mixes
To improve control of certain broadleaf weeds, Stinger may be applied with 0.5 to 2 lb a.e. of 2,4-D per acre. See Tank Mixing section under Mixing Instructions.

Garden Beet
(Not Registered for Use in California and Florida)
Use Stinger for postemergence control of common ragweed, galinsoga, nightshade (black, calliandra, Eastern black and hemp), prickly lettuce, sowthistle, sweet clover, and wild buckwheat infesting garden beet.

Application Timing
Apply to garden beet in the 2 to 8 leaf stage of crop growth when weeds are young and actively growing. Apply Stinger to wild buckwheat at the 1 to 3 leaf stage of growth before vining begins. Apply Stinger to common ragweed and sweet clover from weed emergence up to the 5 leaf stage of growth. Apply Stinger to all species of nightshade at the 2 to 4 leaf stage of growth. Apply Stinger to sowthistle from rosette up to bud stage. Apply in 10 gallons or more total spray volume per acre with ground equipment.

Application Rate
Apply 1/4 to 1/2 pint of Stinger per acre with ground equipment in 10 gallons or more total spray volume per acre. Use a higher rate in the rate range for heavy infestations or when greater residual control is desired.

Specific Use Precautions and Restrictions:
• Preharvest Interval: Do not apply within 30 days of harvest.

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• Make one to two broadcast applications per crop per year, not to exceed a total of 1/2 pint per acre.

Grasses Grown for Seed
(Not Registered for Use in Florida)

Application Timing
Apply only to established grasses before the boot stage of growth. Applications in the boot stage and beyond can result in increased potential for injury. Do not apply to bentgrass unless injury can be tolerated. For control of late-emerging Canada thistle, a preharvest treatment may be made after grass seed is fully developed. Treatment of Canada thistle at the bud stage or later may result in less consistent control. Post-harvest fall treatments may be made to actively growing Canada thistle after the majority of basal leaves have emerged.

Application Rate
Use 1/4 to 2/3 pint of Stinger per acre for control of annual weeds and Canada thistle. Re-treat as necessary, but do not exceed 2/3 pint of Stinger per acre per season.

Tank Mixes
Stinger may be tank mixed with 2,4-D, MCPA, dicamba, or bromoxynil to control additional broadleaf weeds. Refer to the manufacturer’s label for use rate(s) and tank mix guidelines. See Tank Mixing section under Mixing Instructions. Note: Dicamba or bromoxynil tank mixes may be useful in broadening the annual weed control spectrum, but may reduce long-term control of perennials such as Canada thistle. Do not tank mix Stinger with 2,4-D, MCPA, or dicamba unless the risk to crop injury is acceptable.

Peppermint and Spearmint
(Not Registered for Use in Florida)
Stinger may be used for selective postemergence control of specific annual and perennial broadleaf weeds infesting peppermint and spearmint.
Application Timing
Treat annual weeds when they are small and actively growing before they send up a flower stalk. For Canada thistle, apply Stinger after the majority of basal leaves have emerged but prior to bud stage.

Application Rate
Apply as a broadcast foliar spray in 10 gallons or more per acre total spray volume using ground equipment only. A nonionic surfactant of at least 80% active ingredient may be added at a rate of 1 pint per 100 gallons of spray solution.

Application Timing, Rates, and Weeds Controlled:

<table>
<thead>
<tr>
<th>Application Timing and Weeds Controlled</th>
<th>Application Rate (gallons/acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>fall treatment only (Sept. 15 to first frost)</td>
<td></td>
</tr>
<tr>
<td>annuals</td>
<td>1/2</td>
</tr>
<tr>
<td>perennials</td>
<td>2/3</td>
</tr>
<tr>
<td>hard-to-kill perennials (Canada thistle, dandelion)</td>
<td>1</td>
</tr>
<tr>
<td>spring treatment only</td>
<td></td>
</tr>
<tr>
<td>annuals</td>
<td>1/3</td>
</tr>
<tr>
<td>perennials</td>
<td>1/2</td>
</tr>
<tr>
<td>fall plus spring treatment</td>
<td>maximum of 2/3 in fall plus 1/3 in spring</td>
</tr>
</tbody>
</table>

Specific Use Precautions and Restrictions:
- Do not apply within 45 days of harvest.
- Do not apply more than 1 pint per acre per growing season.
- Treated lint may be used for distillation (oil extraction) only.
- Do not feed spent mint hay to livestock.
- Mint straw, hay or spent hay (slug) from treated areas cannot be used for composting or mulching. If hay slugs are disposed of on cropland, distribute in a thin layer and incorporate. Do not dispose of hay slugs on

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Southern Pine Seedbeds in Forest Nurseries

(Registered for Use in Alabama, Arkansas, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Texas and Virginia) (Not Registered for Use in Florida)

Stinger may be applied over the top of loblolly pine, slash pine, and longleaf pine to control sicklepod and other susceptible broadleaf weeds in southern pine seedbeds in forest nurseries. Apply as a broadcast or spot treatment from May through July when weeds are actively growing.

Application Timing
For best results, apply when weeds are small and actively growing. For control of sicklepod, apply after the majority of basal leaves have emerged.

Application Rate
Apply at a broadcast rate of 1/4 to 1/2 pt per acre in a spray volume of 20 gallons or more per acre. Application may be made any time after May 1, but some needle curling may occur if applied during active conifer growth. When making spot applications, use a calibrated boom, or if a hand-held sprayer is used, care should be taken to apply the spray uniformly and at a rate equivalent to a broadcast application. Otherwise, do not use more than 1/3 fl oz (1 tsp) of Stinger per gallon of spray and direct spray onto weeds. Avoid spraying pine seedlings whenever possible.

Specific Use Precautions and Restrictions:

- Application of Stinger during active growth of conifers may cause some needle curling.
Do not use surfactants or crop oil in spray mixtures as the potential for tree injury in the form of needle curling may be increased.

Spinach
(Not Registered for Use in California and Florida)
Use Stinger for postemergence control of annual sowthistle, black nightshade, Canada thistle, clover, common cocklebur, common groundsel, hairy ragwort, jimsonweed, pineapple weed, prickly lettuce, and ragweed infesting spinach.

Application Timing
Apply to spinach in the 2 to 5 leaf stage of crop growth. Apply Stinger to clover, common cocklebur, common groundsel, jimsonweed, prickly lettuce, pineapple weed and ragweed from weed emergence up to the 5 leaf stage of growth. For optimum growth suppression of annual sowthistle and Canada thistle, apply Stinger from rosettes up to bud stage. For control of Canada thistle, apply after the majority of basal leaves have emerged but prior to bud stage and at least 21 days prior to harvest.

Application Rate
Apply 1/4 to 1/2 pint per acre of Stinger uniformly with ground or aerial equipment in 10 to 20 gallons total spray volume per acre (minimum of 5 gallons per acre by air). Use a higher rate in the rate range for heavy infestations or when greater residual control is desired.

Specific Use Precautions and Restrictions
- **Preharvest Interval:** Do not apply within 21 days of harvest.
- **Make one to two broadcast application per crop per year, not to exceed a total of 1/2 pint per acre.
- **Some leaf curling may be observed on smaller spinach, particularly at Higher use rates. Crop tolerance may be optimized by selecting the lower application rate necessary for weed control, especially where non-uniform emergence has caused variable plant sizes.
Stone Fruits (Crop Group 12)\(^1\)
(Not Registered for Use in California and Florida)

\(^1\) Stone fruits (crop group 12) including apricot, cherry, plum, damson plum, peach, plumcot, sweet cherry, and tart cherry.

Use Slinger for postemergence control of annual sowthistle, Canada thistle, clover, dogweed, horseweed, musk thistle, nightshade (black and hairy), and vetch infesting stone fruits.

**Application Timing**
Apply Slinger to clover and vetch from weed emergence up to the 5 leaf stage of growth. Apply Slinger to nightshade (black and hairy) at the 2 to 4 leaf stage of growth. For control of Canada thistle and annual sowthistle, apply Slinger from rosette up to bud stage.

**Application Rate**
Apply 1/4 to 1/2 pint of Slinger per acre with ground equipment in 10 gallons or more total spray volume per acre. Use a higher rate in the rate range for heavy infestations or when greater residual control is desired.

**Specific Use Precautions and Restrictions:**
- **Preharvest Interval:** Do not apply within 30 days of harvest.
- **Rotation:** Make one to two broadcast applications per crop per year, not to exceed a total of 1/3 pint per acre.

**Sugar Beet**
(Not Registered for Use in Florida)

Use Slinger for the control of various annual and perennial broadleaf weeds infesting sugar beet.

**Application Rate**
Apply 1/4 to 1/2 pint of Slinger per acre with ground equipment as a broadcast or foliar spray treatment or with aerial equipment in 5 gallons or more per acre of total spray volume. See instructions for band application under Application Directions in the General Information section. Apply in 10 gallons.
or more total spray volume per acre when the sugar beets are in the cotyledon to 8-leaf stage of growth and the weeds are young and actively growing.

For annual weed control apply 1/4 to 1/2 pint of Stinger per acre from weed emergence up to the 5 leaf stage of growth. Application to wild buckwheat should be made at the 1 to 3 leaf stage of growth before vining begins.

For the most effective control of perennials such as Canada thistle and sowthistle, apply 1/2 to 2/3 pint of Stinger per acre as a broadcast treatment to the entire infested area. Apply when the majority of basal leaves have emerged up to the bud stage. Cultivation can (finally) translocation to the roots of perennials such as Canada thistle. For best results, do not cultivate thistle patches.

To promote herbicidal efficacy, wait a minimum of 7 days after application before flood or furrow irrigation.

**Tank Mixers**

To control additional broadleaf weeds and provide consistent control of difficult to control weeds such as wild buckwheat, Stinger may be applied in combination with labeled rates of a product containing phenmedipham/desmedipham, desmedipham, trifluralin, or other products registered for postemergence application in sugar beets. For best results, tank mix 1/4 pint of Stinger per acre with a product containing phenmedipham/desmedipham or desmedipham followed one to two weeks later by a second application of 1/4 to 1/3 pint of Stinger per acre tank mixed with a product containing phenmedipham/desmedipham or desmedipham. Stinger may also be tank mixed with a grass herbicide containing clodinafop. Crop oil or Dash surfactant may be added to the tank mixture to optimize grass weed control.

See Tank Mixing section under Mixing Instructions.

**Specific Use Precautions and Restrictions:**

- **Preharvest Interval:** Do not apply within 45 days of harvest.
- **Re-treat as necessary, but do not exceed 2/3 pint of Stinger per acre per season.**
• Aerial application of Stinger in sugar beet is allowed only in the states of Colorado, Idaho, Michigan, Minnesota, Montana, Nebraska, North Dakota, Oregon, Washington, and Wyoming.

Turnip
[Not Registered for Use in California and Florida]
Use Stinger for postemergence control of common ragweed, galinsoga, prickly lettuce, sweet clover, and wild buckwheat and postemergence suppression of sowthistle infesting turnip harvested for roots and tops.

Application Timing
Apply Stinger to wild buckwheat at the 1 to 3 leaf stage of growth before vining begins. Apply Stinger to common ragweed and sweet clover from weed emergence up to the 5 leaf stage of growth. For suppression of sowthistle, apply Stinger from rosette to up to bud stage.

Application Rate
Apply 1/3 to 1/2 pint of Stinger per acre with ground equipment in 10 gallons or more total spray volume per acre. Use a higher rate in the rate range for heavy infestations or when greater residual control is desired.

Specific Use Precautions and Restrictions:
• Preharvest Interval: Do not apply within 30 days of harvest of turnip roots or within 15 days of harvest of turnip tops.
• Make one broadcast application per crop per year.

Rangeland, Pasture, CRP and Non-Crop Uses
[Not Registered for Use in Florida]
Rotation to Broadleaf Crops: Do not plant broadleaf crops in treated areas until an adequately sensitive bioassay shows that no detectable clopyralid is present in the soil. (See Crop Rotation Restrictions in General Information section.)

Rangeland and Permanent Grass Pastures
Apply 1/2 to 1 1/3 pint of Stinger per acre when weeds are young.
and actively growing. Established grasses are tolerant to Stinger, but new grass seedlings may be injured to varying degrees until the grass has become well established as indicated by vigorous growth and development of tillers and secondary roots.

Note: Some forbs (leaves of broadleaf forage plants) are susceptible to Stinger. Do not spray pastures containing desirable forbs, especially legumes, unless injury can be tolerated. However, the intend and growth of established perennial grasses is usually improved after spraying, especially when rainfall is adequate and grazing is deferred.

Do not use hay or straw from treated areas for composting or mulching on susceptible broadleaf crops. (See Residue in Plants or Manure section.) There are no further restrictions on grazing or hay harvest following application of Stinger at labeled rates.

Conservation Reserve Program (CRP) for Seeding to Permanent Grasses Only
Do not use Stinger if legumes or bentgrass are a desired cover during CRP.

Conditions of plant stress, such as drought, will increase potential for injury to grasses at all stages of growth. Do not apply to newly seeded areas until grass is established.

Application Timing: Apply Stinger when perennial grasses are well established as indicated by vigorous growth and development of tillers and secondary roots. At this stage, most perennial grasses have shown adequate tolerance to Stinger. For optimum results, apply prior to the flowering stage (still in the bud stage).

Application Rate: For control of actively growing weeds such as Canada thistle, longleaf weed (spotted, diffuse, and Russian), and musk thistle, apply 2/3 to 1 1/3 pint of Stinger per acre after the majority of basal leaves have emerged up to bud stage. For control of musk thistle rosettes, volunteer sunflower, and wild buckwheat, apply 2/3 pint of Stinger per acre. For
best results, use in 10 gallons or more of water per acre by ground. Increasing the rate of application can increase the risk of injury.

Tank Mixes: Stinger can also be tank mixed with 1/2 to 1 lb of 2,4-D per acre when species present are sensitive to 2,4-D. See Tank Mixing section under Mixing Instructions.

Non-Cropland
Stinger may be applied in non-cropland areas such as fencerows, around farm buildings and equipment pathways. Note: Stinger is not registered for use in landscaping or on turfgrasses or lawns.

Application Rate: For control of broadleaf weeds, apply 1/4 to 1 1/3 pint of Stinger per acre. The lower rate of 1/4 pint per acre provides acceptable control of weeds only under highly favorable growing conditions and when plants are 1 to 3 inches tall. Apply 1/2 pint per acre when weeds are 3 to 6 inches tall or under dry conditions. Where Canada thistle or knapweed are the primary pest, best results are obtained by applying 2/3 to 1 1/3 pint of Stinger per acre.

Tank Mixes: To improve spectrum of weed control or to increase control of more mature weeds, Stinger may be tank mixed with 0.5 to 2 lb a.e. of 2,4-D amine per acre or low volatile ester herbicide or other herbicides registered for this use site. See Tank Mixing section under Mixing Instructions.

Terms and Conditions of Use
If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.
Warranty Disclaimer

Dow AgroSciences warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label), such as unfavorable temperature, soil conditions, etc.; aboriginal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Dow AgroSciences or the seller. All such risks shall be assumed by buyer.

Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (excluding claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Dow AgroSciences' election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used

Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is
promptly notified of such loss or damage in writing. In no case shall Dow AgroSciences be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Dow AgroSciences or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or Limitation of Remedies in any manner.

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EPA accepted 09/09/09
For selective postemergence control of broadleaf weeds in listed crops, conservation reserve program (CRP) acres, non-cropland, and rangeland and permanent grass pastures.

Active Ingredient:
- Chlorsulfuron: 3.6% active.
- Pyridinecarboxylic acid, monoethanolamine salt: 40.9%
- Other ingredients: 56.1%

Total: 100.0%

Add Equivalent: chlorsulfuron: 3.6% active.
- Pyridinecarboxylic acid, monoethanolamine salt: 31% (3 lb/gal)

Keep Out of Reach of Children

CAUTION

Agricultural Use Requirements
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 190. Refer to label booklet under...
For selective postemergence control of broadleaf weeds in listed crops, conservation reserve program (CRP) acres, non-cropland, and rangeland and permanent grass pastures.

Active Ingredients:
- clomazone: 3,6-dichloro-2-pyridinecarboxylic acid: 49.9%
- mepanipyram: 59.1%
- Total: 100.0%

Keep Out of Reach of Children

CAUTION

Precautionary Statements

Hazardous to Humans and Domestic Animals

Avoid contact with eyes, skin, or clothing.

Personal Protective Equipment (PPE)

Applicants and other handlers must wear:
- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear

User Safety Recommendations

Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

First Aid

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 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-929-9090 for emergency medical treatment information.

Environmental Hazards

Do not apply directly to water to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not contaminate water used for irrigation or domestic purposes.

Clopyralid is a chemical which can travel (seep or leach) through soil and under certain conditions contaminate groundwater which may be used for irrigation or drinking purposes. Users are advised not to apply clopyralid where soils have a rapid to very rapid permeability throughout the profile (such as loamy sand to sand) and the water table of an underlying aquifer is shallow, or to soils containing sinkholes or limestone bedrock, severely fractured surfaces, and substrates which would allow direct introduction into all aquifers. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

Physical or Chemical Hazards

Combustible. Do not use or store near heat or open flame.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.
Storage and Disposal
Do not contaminate water, food, or feed by storage and disposal.
Pesticide Storage: Store above 28°F or warm to 40°F and agitate before use.
Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
Container Handling: Nonrefillable container. Do not reuse or refill this container.
Triple rinse or pressure 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 rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinseate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Refer to label booklet for Directions for Use.

Notice: Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-73

EPA Est. 5905-IA-01

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Produced for Dow AgroSciences LLC
9300 Zionsville Road
Indianapolis, IN 46268

12 x 1 qt