

81927-27

8/20/2009

Jacket  
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**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
Office of Pesticide Programs  
Registration Division (7505P)  
Ariel Rios Building  
1200 Pennsylvania Ave., NW  
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

81927-27

AUG 20 2009

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

Cruise Control

**Name and Address of Registrant (include ZIP Code):**

Alligare, LLC                      c/o Pyxis Regulatory Consulting, Inc.  
13 N. 8<sup>th</sup> Street                      4110 136<sup>th</sup> Street  
Opelika, AL 36801                      Gig Harbor, WA 98332

**Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.**

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is reregistered in accordance with FIFRA section 4(g)(2)(C) provided you:

1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
2. Make all the following changes to the product label:
  - a. Due to the importance of resistance management to a long-term pest-management strategy, it is suggested that resistance management grouping symbols and statements be included on the labeling as described in PR Notice 2001-5.
  - b. It is recommended that additional text be added to the **Note to Physician** section that addresses eye irritation concerns. The following are some suggested types of information that could be included, if applicable: Technical information on symptomatology; Use of supportive treatments to maintain life functions; Medicine that will counteract the specific physiological effects of the pesticide; Company telephone number to specific medical personnel who can provide specialized medical advice.
  - c. Remove the **Hazards to Humans and Domestic Animals** text "Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse." since it is redundant and incomplete.

Signature of Approving Official:

Joanne Miller  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

Date:

AUG 20 2009

- d. The worker-notification statement in the **Agricultural Use Requirements** box “Notify workers of the application by warning them orally and by posting warning signs at entrances to treated area.” is not required for this product and may be removed.
- e. On page 3, revise the heading from “General Information” to “Product Information”, as the term “general” renders all information within it to be advisory and are thus unenforceable.
- f. On page 3, revise the last sentence in the first paragraph to read “The maximum single application rate is 2 pints of product per acre (1 lb ae/A). The maximum total application rate is 4 pints of product per acre (2 lb ae/A) per year.” Remove the text “and no more than 2 applications per year”.
- g. Revise all instances where the product application rates’ acid equivalent value is expressed in “lbs a.i.” to “lbs ae”.
- h. The advisory term “recommended” must be changed to mandatory terms in the following instances when used to describe application rates and directions on the labeling:
  - i. On page 6, the phrase “in accordance with this label as ~~recommended~~ **specified**”
  - ii. On page 7, the phrase “at rates lower than those ~~recommended~~ **specified**”
  - iii. On pages 13, 19, 21, 23, 25, 27, 30, 32 the phrase “when applied at the ~~recommended~~ **specified** rate”
  - iv. On page 27, the footnote “Perennials may be controlled...lower than those ~~recommended~~ **specified** for other listed perennial weeds.”
  - v. On page 27, the sentence “See CROPPING RESTRICTION for ~~recommended~~ **specified** interval between application and planting to prevent crop injury.”
- i. On page 14, revise the broadcast rate for preharvest use from “1/2 pint (1/4 lb a.i.)” to “1/2 pint (1/4 lb ae)”.
- j. Under **Sorghum (Milo)**, revise the PHI to reflect 30 days for sorghum fodder, grain, and stover, and a PHI of 20 days for sorghum forage.
- k. Under **Barley, Oats, and Wheat Not Underseeded to Legumes**, include a PHI of 7 days for barley, oat grain, and wheat grain.
- l. Make the following changes to the **Sugarcane** section:
  - i. Include a preharvest interval (PHI) of 87 days.
  - ii. Change the unit for Broadcast Rate Per Treated Acre from “(lbs. a.i.)” to “(lbs ae)”
  - iii. Revise the application rate to perennial weeds from “2-4 pts.” to “2 pts.”, and from “1-2\*” to “1\*” lb ae. Applications greater than 1 lb ae are prohibited.
  - iv. Revise the phrase to read “do not exceed a total of 4 pints (2 lbs. ae)”
- m. Make the following changes to the **Grass, Pasture, Hay, Rangeland and General Farmstead (Non-Cropland)** section:
  - i. Add the site “grass” in front of “pasture” in the first sentence.
  - ii. Remove or revise the text “Established grass crops growing under stress...may cause

temporary injury to many grass species.” since applications above 2 pints/A are prohibited.

- iii. Revise all references of rates in “lbs. a.i.” to “lbs ae”.
  - iv. Include a preharvest interval (PHI) of 7 days for grass hay.
  - v. Remove the row for “Up to 2 quarts” in the table for Timing Restrictions for Lactating Dairy Animals Following Treatment, since it exceeds the maximum.
  - vi. Revise all application rates in the Rates and Timings table not to exceed 2 pints/A (1 lb ae).
  - vii. Remove the footnote “\*Rates above 2.0 lb a.i./A are spot treatments only. Do not broadcast apply more than 1 lb. a.i./A.” since spot treatments also cannot exceed 1 lb ae/A per application.
- n. Make the following changes to the **Conservation Reserve Program (CRP) Acres** section:
- i. Revise all references of rates in “lbs. a.i.” to “lbs ae”.
  - ii. Revise all application rates in the Rates and Timings table not to exceed 2 pints/A (1 lb ae).
- o. Make the following changes to the **Grass Seed Crops** section:
- i. Revise the first sentence on page 26 to “Refer to the **GRASS, PASTURE, HAY...**”
  - ii. Revise the Annual Grass Control application rate not to exceed 2 pints/A (1 lb ae).
- p. On page 27, revise the text from “SMALL GRAINS” to “BARLEY, OATS, WHEAT”.
- q. On page 28, revise all application rates in the first table not to exceed 2 pints/A (1 lb ae).
- r. On page 28, revise the last sentence to “Apply 1 to **2 pints** of CRUISE CONTROL with:”
- s. On page 29, revise the first sentence under CROPPING RESTRICTIONS to read “The following **directions** are based on CRUISE CONTROL use rates up to **2 pints** per treated acre.”
- t. On page 30, revise the rate for **Control of Perennial Broadleaf Weeds in Cropland** to read “Apply **2 pints (1 lb ae)** of CRUISE CONTROL per treated acre.”
- u. On page 31, revise the first paragraph under **Rights-of-Way, Utility and Industrial Areas** to read “CRUISE CONTROL is for use on the non-cropland areas (rights-of-way, utility and industrial areas) listed below.”
- v. Move the **Storage and Disposal** statement “Open dumping is prohibited.” to the Pesticide Disposal section. Remove the statement “This product may not be mixed, loaded, or used within 50 feet of all wells including abandoned wells, drainage wells, and sinkholes.”
- w. Revise the **Pesticide Disposal** sentence to read “Wastes which cannot be used according to label instructions **must** be disposed of on site or at an approved waste disposal facility.”

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A stamped copy of your label is enclosed for your records. You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after twelve (12) months from the date of this notice or the next printing of the label whichever occurs first, must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Enclosure

Stamped 5-7-09 50239

# CRUISE CONTROL

For Weed Control in Corn, Sorghum, Barley, Oats, Wheat, Pasture, Hay, Rangeland, General Farmstead (Non-Cropland), Fallow, Cotton, Sugarcane, Asparagus, Turf, and Grass Seed Crops, Rights-of-Way, Utility and Industrial Areas

**ACTIVE INGREDIENT:**

Dimethylamine salt of dicamba\* ..... 48.2%

**OTHER INGREDIENTS:** ..... 51.8%

**TOTAL:** ..... 100.0%

\*This product contains 40.0% 3,6-dichloro-o-anisic acid (dicamba) or 4 pounds per gallon.

## KEEP OUT OF REACH OF CHILDREN

## WARNING-AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

FIRST AID	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
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 1-800-424-9300 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes or on clothing. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

EPA Reg. No. 81927-27

**ACCEPTED**  
with **COMMENTS**  
In EPA Letter Dated:  
**AUG 20 2009**

EPA Est. No.

**Manufactured For:**  
Alligare, LLC  
13 N. 8<sup>th</sup> Street  
Opelika, AL 36801

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

**81927-27**

**NET CONTENTS:**

\_\_\_\_\_ Gals.

\_\_\_\_\_ Liters

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are butyl rubber ≥ 14 mils, or natural rubber ≥ 14 mils, or neoprene rubber ≥ 14 mils or nitrile rubber ≥ 14 mils. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, and applicators, and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves (except for applicators using groundboom equipment, pilots and flaggers), shoes plus socks, and protective eyewear.

See engineering controls for additional requirements and exceptions.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

**ENGINEERING CONTROLS STATEMENT**

Pilots must use cockpits in a manner that meets the requirements listed in Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)]

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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 cleaning equipment or disposing of equipment washwater or rinsate. Apply this product only as directed.

**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.

**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) 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 24 hours.

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 worn over short-sleeve shirt and short pants, chemical-resistant gloves made of any waterproof material, chemical-resistant footwear plus socks, chemical-resistant headgear for overhead exposure, and protective eyewear.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated area.

**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 agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow others to enter the treated area until sprays have dried.

**GENERAL INFORMATION**

The following directions apply to all uses of CRUISE CONTROL. Additional precautions and restrictions will be found in each specific use section. Do not treat irrigation ditches or water used for crop irrigation or domestic uses. Do not apply this product through any type of irrigation system. The maximum single application rate is 1.0 lb. ae/A, (2 pts./A), and no more than 2 applications per year.

**MIXING AND APPLICATION**

Unless otherwise specified under the individual use headings of this label, the following directions apply to all crop and noncrop uses of CRUISE CONTROL. Refer to individual use sections for additional precautions, restrictions, application rates and timings.

CRUISE CONTROL is a water-soluble formulation that can be applied using water or sprayable fluid fertilizer as the carrier. If a fluid fertilizer is to be used, a compatibility test (see COMPATIBILITY TEST below) should be made prior to tank mixing.

Ground or aerial application equipment which will give good spray coverage of weed foliage should be used. However, do not use aerial application equipment if spray particles can be carried by wind into areas where sensitive crops or plants are growing or when temperature inversions exist.

Apply 3 to 50 gallons of diluted spray per treated acre when using ground application equipment, or 1 to 10 gallons of diluted spray per treated acre (2 to 20 gallons of diluted spray per acre for preharvest uses) in a water-based carrier when using aerial application equipment. Use the higher level of the listed spray volumes when treating dense or tall vegetation. Use coarse sprays.

Select nozzles designed to produce minimal amounts of fine spray particles. Spray with nozzles as close to the weeds as is practical for good weed coverage.

To avoid uneven spray coverage, CRUISE CONTROL should not be applied during periods of gusty wind or when wind is in excess of 15 mph.

Avoid disturbing (e.g., cultivating or mowing) treated areas for at least 7 days following application.

**GROUND AND SURFACE WATERS PROTECTION**

- 1) Point source contamination – To prevent point source contamination, do not mix or load this pesticide product within 50 feet of wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. Do not apply pesticide product within 50 feet of wells. 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 as described below.

Mixing, loading, rinsing, or washing operations performed within 50 feet of a well are allowed only when conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be on or move across the pad. The pad must be self-contained to prevent surface water flow over or from the pad. The pad capacity must be maintained at 110% that of the largest pesticide container or application equipment used on the pad and have sufficient capacity to contain all product spills, equipment or container leaks, equipment wash waters, and rainwater that may fall on the pad.

The containment capacity does not apply to vehicles delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Care must be taken when using this product to prevent: a) back-siphoning into wells, b) spills or c) improper disposal of excess pesticide, spray mixtures or rinsates. Check valves or antisiphoning devices must be used on all mixing equipment.

- 2) Movement by surface runoff or through soil – Do not apply under conditions which favor runoff. Do not apply to impervious substrates such as paved or highly compacted surfaces in areas with high potential for ground water contamination. Ground water contamination may occur in areas where soils are permeable or coarse and ground water is near the surface. Do not apply to soils classified as sand with less than 3% organic matter and where ground water depth is shallow. To minimize the possibility of ground water contamination, carefully follow application rate recommendations as affected by soil type in the general information section of this label.
- 3) Movement by water erosion of treated soil – Do not apply or incorporate this product through any type of irrigation equipment nor by flood or furrow irrigation. Ensure treated areas have received at least one-half inch rainfall (or irrigation) before using tailwater for subsequent irrigation of other fields.

#### SENSITIVE CROP PRECAUTIONS

CRUISE CONTROL may cause injury to desirable trees and plants, particularly beans, cotton, flowers, fruit trees, grapes, ornamentals, peas, potatoes, soybeans, sunflowers, tobacco, tomatoes, and other broadleaf plants when contacting their roots, stems or foliage. These plants are most sensitive to CRUISE CONTROL during their development or growing stage. Follow the precautions listed below when using CRUISE CONTROL

- Do not treat areas where either possible downward movement into the soil or surface washing may cause contact of CRUISE CONTROL with the roots of desirable plants such as trees and shrubs.
- Avoid making applications when spray particles may be carried by air currents to areas where sensitive plants are growing, or when temperature inversions exist. Do not spray near sensitive plants if wind is gusty or in excess of 5 mph and moving in the direction of adjacent sensitive plants. Leave an adequate buffer zone between area to be treated and sensitive plants. Coarse sprays are less likely to drift out of the target area than fine sprays.
- Use coarse sprays to avoid potential herbicide drift. Select nozzles which are designed to produce minimal amounts of fine spray particles. Examples of nozzles designed to produce coarse sprays via ground applications are Delavan Raindrops, Spraying Systems XR flat fans or large capacity flood nozzles such as D10, TK10, or greater capacity tips. Keep the spray pressure at or below 20 psi and the spray volume at or above 20 gpa, unless otherwise required by the manufacturer of drift-reducing nozzles. Consult with your spray nozzle supplier concerning the choice of drift-reducing nozzles.
- Agriculturally approved drift-reducing additives may be used.
- Do not apply CRUISE CONTROL adjacent to sensitive crops when the temperature on the day of application is expected to exceed 85°F as drift is more likely to occur.
- To avoid injury to desirable plants, equipment used to apply CRUISE CONTROL should be thoroughly cleaned (see PROCEDURE FOR CLEANING SPRAY EQUIPMENT) before reusing to apply any other chemicals.

All crop uses of CRUISE CONTROL are intended for a normal growing interval between planting and harvest. No crop rotation restrictions exist if normal harvest of treated crop has occurred. If this interval is shortened, such as in cover crops that will be plowed under, do not follow up with the planting of a sensitive crop.

Crops growing under stress conditions such as drought, poor fertility, or foliar damage due to hail, wind or insects, can exhibit various injury symptoms that may be more pronounced if herbicides are applied.

Consult your local or state authorities for possible application restrictions and advice concerning these and other special local use situations. Tank mix recommendations are for use only in states where the tank mix product and application site are registered.



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### BAND TREATMENTS

CRUISE CONTROL may be applied as a band treatment. Use the formulas below to determine the appropriate rate and volume per treated acre.

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast rate per treated acre} = \text{Band rate per treated acre}$$

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast volume per treated acre} = \text{Band volume per treated acre}$$

### COMPATIBILITY TEST

Before mixing in the spray tank, it is advisable to test compatibility by mixing all components in a small container in proportionate quantities (see following table).

**Amount of Herbicide to Add to One Pint of Spray Carrier  
(Assuming Volume is 25 Gallons per Acre)**

HERBICIDE FORMULATIONS	RATE PER ACRE	LEVEL TEASPOONS
Dry	1 lb.	1 1/2
Liquid	1 pt.	1/2

If herbicide(s) do not ball-up or form flakes, sludge, gels, oily films or layers, or other precipitates, then the tested spray mix is compatible. Usually, incompatibility in any of the above described forms will occur within 5 minutes after mixing.

If components are incompatible, the use of a compatibility agent is recommended. Rerun the above COMPATIBILITY TEST with a suitable compatibility agent (1/4 teaspoon is equivalent to 2 pints per 100 gallons of fluid fertilizer).

### PROCEDURE FOR CLEANING SPRAY EQUIPMENT

The steps listed below are suggested for thorough cleaning of spray equipment following applications of CRUISE CONTROL or tank mixes of CRUISE CONTROL plus 2,4-D amine:

1. Hose down thoroughly the inside as well as outside surfaces of equipment while filling the spray tank half full of water. Flush by operating sprayer until the system is purged of the rinse water.
2. Fill tank with water while adding 1 quart of household ammonia for every 25 gallons of water. Operate the pump to circulate the ammonia solution through the sprayer for 15 to 20 minutes and discharge a small amount of the ammonia solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.
3. Flush the solution out of the spray tank through the boom.
4. Remove the nozzles and screens and flush the system with two full tanks of water.

The steps listed below are suggested for thorough cleaning of spray equipment used to apply CRUISE CONTROL as a tank mix with wettable powders (WP), emulsifiable concentrates (EC), or other types of water-dispersible formulations. CRUISE CONTROL tank mixes with water-dispersible formulations require the use of a water/detergent rinse:

5. Complete step 1.
6. Fill tank with water while adding 2 lbs. of detergent for every 40 gallons of water. Operate the pump to circulate the detergent solution through the sprayer system for 5 to 10 minutes and discharge a small amount of the solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.
7. Flush the detergent solution out of the spray tank through the boom.
8. Repeat step 1, and follow with steps 2, 3, and 4.

GENERAL WEED LIST

This is a general list of weeds which may be treated with CRUISE CONTROL in accordance with this label as recommended under the RATES AND TIMING sections of the individual use headings. Proper usage of this product will give control or growth suppression of many annual, biennial, and perennial broadleaf weeds, and many woody brush and vine species including:

ANNUALS

- |                                    |  |
|------------------------------------|--|
| Amaranth, Spiny (Spiny Pigweed)    | Mustard (Yellowtops)                               |
| Aster, Slender                     | Nightshade, Black                                  |
| Bedstraw                           | Pennycress, Field (Fanweed, Frenchweed, Stinkweed) |
| Beggarweed, Florida                | Pepperweed, Virginia (Peppergrass)                 |
| Broomweed, Common                  | Pigweed, Prostrate                                 |
| Buckwheat, Wild                    | Pigweed, Redroot (Carelessweed)                    |
| Buffalobur                         | Pigweed, Rough                                     |
| Burclover, California              | Pigweed, Smooth                                    |
| Burcucumber                        | Pigweed (triazine resistant)                       |
| Buttercup Roughseed                | Pigweed, Tumble                                    |
| Carpetweed                         | Poorjoe  |
| Catchfly, Nightflowering           | Puncturevine                                       |
| Chamomile, Corn                    | Purslane, Common                                   |
| Chickweed, Common                  | Pusley, Florida                                    |
| Clovers (Annual)                   | Radish, Wild                                       |
| Cockle, Corn                       | Ragweed, Common                                    |
| Cockle, Cow                        | Ragweed, Giant (Buffaloweed)                       |
| Cocklebur, Common                  | Ragweed, Lance-Leaf                                |
| Croton, Tropic                     | Rubberweed, Bitter (Bitterweed)                    |
| Croton, Woolly                     | Sesbania, Hemp                                     |
| Daisy, English                     | Shepherdspurse                                     |
| Evening Primrose, Cutleaf          | Sicklepod  |
| Fleabane, Annual                   | Sida, Prickly (Teaweed)                            |
| Goosefoot, Nettleleaf              | Smartweed, Green                                   |
| Henbit                             | Smartweed, Pennsylvania                            |
| Jimsonweed                         | Sneezeweed, Bitter                                 |
| Knotweed                           | Sowthistle, Annual                                 |
| Kochia                             | Sowthistle, Spiny                                  |
| Ladysthumb                         | Spikeweed, Common                                  |
| Lambsquarters, Common              | Spurge, Prostrate                                  |
| Lambsquarters (triazine resistant) | Spurry, Corn                                       |
| Lettuce, Prickly                   | Starbur, Bristly                                   |
| Mallow, Common                     | Sumpweed, Rough                                    |
| Mallow, Venice                     | Sunflower, Common (Wild)                           |
| Mare's Tail (Horseweed)            | Sunflower, Volunteer                               |
| Mayweed                            | Thistle, Russian                                   |
| Moringglory, Ivyleaf               | Velvetleaf   |
| Moringglory, Tall                  | Waterhemp  |
| Mustard, Tansy                     | Waterprimrose, Winged                              |
| Mustard, Wild                      | Wormwood, Annual                                   |

BIENNIALS

- |                                  |                     |
|----------------------------------|---------------------|
| Burdock, Common                  | Plantain, Bracted   |
| Carrot, Wild (Queen Anne's Lace) | Ragwort, Tansy      |
| Cockle, White                    | Starthistle, Yellow |
| Evening Primrose, Common         | Sweetclover         |
| Geranium, Carolina               | Teasel              |

Gromwell  
 Knapweed, Diffuse  
 Knapweed, Spotted  
 Mallow, Dwarf

Thistle, Bull  
 Thistle, Milk  
 Thistle, Musk  
 Thistle, Plumeless

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**PERENNIALS**

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\*Alfalfa  
 Artichoke, Jerusalem  
 Aster, Spiny  
 Aster, Whitehead  
 Beadstraw, Smooth  
 Bindweed, Field  
 Bindweed, Hedge  
 Blueweed, Texas  
 \*Bursage (Bur Ragweed, Lakeweed, Povertyweed)  
 Bursage, Woollyleaf (Lakeweed)  
 Buttercup, Tall  
 Campion, Bladder  
 Chickweed, Field  
 Chickweed (Mouseear, Canada)  
 Chicory  
 \*Clover, Hop  
 \*Dandelion, Common  
 \*Dock, Broadleaf (Bitterdock)  
 \*Dock, Curly  
 Dogbane, Hemp  
 \*Dogfennel (Cypressweed) \*  
 Fern, Bracken  
 Garlic, Wild  
 Goldenrod, Canada  
 Goldenrod, Missouri  
 Goldenweed, Common  
 Hawkweed  
 Henbane, Black  
 Horsenettle, Carolina  
 Ironweed  
 Knapweed, Black  
 Knapweed, Russian

Milkweed, Climbing  
 Milkweed, Common  
 Milkweed, Honeyvine  
 Milkweed, Western Whorled  
 Nettle, Stinging  
 Nightshade, Silverleaf (White Horsenettle)  
 Onion, Wild  
 \*Plantain, Broadleaf  
 Plantain, Buckhorn  
 Pokeweed  
 \*Ragweed, Western  
 Redvine  
 Sericia Lespedeza  
 Smartweed, Swamp  
 Snakeweed, Broom  
 \*Sorrel, Red (Sheep Sorrel)  
 Sowthistle  
 Sowthistle, Perennial  
 Spurge, Leafy  
 Sundrop, Halfshrub (Evening Primrose)  
 Thistle, Canada  
 Toadflex, Dalmation  
 Tropical Soda Apple  
 Trumpet creeper (Buckvine)  
 Vetch  
 Waterhemlock  
 \*Waterprimrose, Creeping  
 \*Woodsorrel, Creeping Common Yellow  
 Wormwood, Common  
 Wormwood, Louisiana  
 \*Yankeeweed  
 Yarrow, Common

\*Noted perennials may be controlled using CRUISE CONTROL at rates lower than those recommended for other listed perennial weeds. (See APPLICATION RATES AND TIMING section in this label.)

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**WOODY**

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Alder  
 Ash  
 Aspen  
 Basswood  
 Beech  
 Birch  
 \*Blackberry  
 \*Blackgum  
 \*Cedar

Locust, Black  
 Maple  
 Mesquite  
 Oak  
 Oak, Poison  
 Olive, Russian  
 Persimmon, Eastern  
 Pine  
 \*Plum Sand (Wild Plum)

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- |                         |                    |
|-------------------------|--------------------|
| Cherry                  | Poplar             |
| Chinquapin              | Rabbitbrush        |
| Cottonwood              | *Redcedar, Eastern |
| *Creosotebush           | *Rose, McCartney   |
| Cucumbertree            | *Rose, Multiflora  |
| *Dewberry               | Sagebrush, Fringe  |
| *Dogwood                | Sassafras          |
| Elm                     | Serviceberry       |
| Grape                   | Spicebush          |
| *Hawthorn, (Thornapple) | Spruce             |
| Hemlock                 | Sumac              |
| Hickory                 | *Sweetgum          |
| Honeylocust             | Sycamore           |
| Honeysuckle             | Tarbrush           |
| Hornbeam                | Willow             |
| Huckleberry             | Witchhazel         |
| Huisache                | *Yaupon            |
| Ivy, Poison             | *Yucca             |
| Kudzu                   |                    |
| *Growth Suppression     |                    |

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**FIELD, SEED\*, POPCORN\* AND SILAGE CORN**

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**RESTRICTIONS**

\*Do not apply CRUISE CONTROL to seed corn or popcorn without first verifying with your local seed corn company (supplier) the CRUISE CONTROL selectivity on your inbred line or variety of popcorn. This precaution will help avoid potential injury of sensitive varieties.

Observe all precautions, mixing and application instructions.

CRUISE CONTROL is not registered for use on sweet corn.

Direct contact of CRUISE CONTROL with corn seed must be avoided. If corn seeds are less than 1 1/2 inches below the surface, delay application until corn has emerged.

Up to 2 applications of CRUISE CONTROL may be made during a growing season. Do not exceed a total of 1 1/2 pints of CRUISE CONTROL per treated acre per crop year. Allow two weeks or more between applications. See appropriate section for rate information. For combination options or sequential treatments, refer to appropriate section.

Applications of CRUISE CONTROL to corn during periods of rapid growth may result in temporary leaning. Corn will usually become erect within 3 to 7 days. Cultivation should be delayed until after corn is growing normally to avoid breakage.

Agriculturally approved surfactants or sprayable fertilizers (1/2 to 1 gallon per acre of 28%, 30% or 32% urea ammonium nitrate or 2.5 pounds per acre spray grade ammonium sulfate<sup>1</sup>) may be added to the spray mixture to improve postemergence weed control, particularly in dry growing conditions.

<sup>1</sup>Not for use in California.

Do not use adjuvants containing penetrants such as petroleum-based oils after crop emergence or crop injury may result.

Corn may be harvested or grazed for feed once the crop has reached the ensilage (milk) stage or later in maturity.

Several synthetic pyrethroid insecticides are labeled for tank mix applications of CRUISE CONTROL. Refer to their label for specific recommendations.

**WEEDS CONTROLLED**

CRUISE CONTROL will control many annual broadleaf weeds or give growth suppression of many perennial broadleaf weeds commonly found in corn. (Refer to the GENERAL WEED LIST.)

For best performance, make application when weeds have emerged and are actively growing.

Preemergence control of cocklebur, velvetleaf, and jimsonweed may be reduced if conditions such as low temperature or lack of soil moisture cause delayed or deep germination of weeds.

**PREPLANT/PREEMERGENCE IN NO-TILLAGE CORN**

Applications of CRUISE CONTROL may be made before, during, or after planting to emerged and actively growing broadleaf weeds. Apply CRUISE CONTROL at 1 pint per treated acre on medium or fine textured soils containing 2% or greater organic matter. Use 1/2 pint per treated acre on coarse textured soils (sand, sandy loam, and loamy sand) or medium and fine textured soils with less than 2% organic matter.

When planting into a legume sod (e.g., alfalfa or clover), apply CRUISE CONTROL after 4 to 6 inches of regrowth has occurred.

**PREEMERGENCE IN CONVENTIONAL OR REDUCED TILLAGE CORN**

CRUISE CONTROL may be applied after planting and prior to corn emergence (See RESTRICTIONS ABOVE for field, seed, pop, and silage corn). Application at 1 pint per treated acre may be made to medium or fine textured soils which contain 2% or greater organic matter. DO NOT apply to coarse textured soils (sand, sandy loam, and loamy sand) until after crop emergence (see EARLY POSTEMERGENCE uses below).

Preemergence application of CRUISE CONTROL does not require mechanical incorporation to become active. A shallow mechanical incorporation is recommended if application is not followed by adequate rainfall or sprinkler irrigation. Avoid tillage equipment (e.g., drags, harrows) which concentrate treated soil over seed furrow.

**EARLY POSTEMERGENCE (ALL TILLAGE SYSTEMS)  
(SPIKE THROUGH 8 INCH TALL CORN)**

CRUISE CONTROL at 1 pint per treated acre may be applied during the period from corn emergence through the five-leaf stage or 8 inches tall, whichever comes first. Reduce the rate to 1/2 pint per treated acre if corn is growing on coarse textured soils (sand, sandy loam, and loamy sand). See LATE POSTEMERGENCE APPLICATIONS given below if the 6<sup>th</sup> true leaf is emerging from whorl or corn is greater than 8 inches tall.

**LATE POSTEMERGENCE (ALL TILLAGE SYSTEMS)  
(8 TO 36 INCH TALL CORN)**

Application of CRUISE CONTROL at 1/2 pint per treated acre may be made from 8 to 36 inch tall corn or 15 days before tassel emergence, whichever comes first. For best performance, make applications when weeds are less than 3 inches tall.

Make directed spray application when (1) corn leaves prevent proper spray coverage; (2) sensitive crops are growing nearby; (3) tank mixing with 2,4-D.

DO NOT apply CRUISE CONTROL when soybeans are growing nearby if any of these conditions exist:

- corn is more than 24 inches tall
- soybeans are more than 10 inches tall
- soybeans have begun to bloom

**OVERLAY (SEQUENTIAL) TREATMENTS**

CRUISE CONTROL may be applied to ground previously treated with one or more of the following herbicides:

acetochlor (Surpass™, Harness® Plus)

glyphosate (Gly Star™ Original, Roundup®)

alachlor (Lasso<sup>®</sup>, Lasso<sup>®</sup> MT, Partner<sup>®</sup>)  
 atrazine  
 Broadstrike<sup>™</sup> + Dual<sup>®</sup>  
 Broadstrike<sup>™</sup> Plus  
 Bullet<sup>®</sup>  
 butylate (Sutan<sup>®</sup> +)  
 Clarity<sup>®</sup>  
 dimethenamid (Frontier<sup>®</sup>)  
 EPTC (Eradicane<sup>®</sup>)

Guardsman<sup>®</sup>  
 halosulfuron (Battalion<sup>®</sup>, Permit<sup>®</sup>)  
 Lariat<sup>®</sup>  
 Dicamba plus Atrazine (Dicambazine<sup>™</sup>)  
 metolachlor  
 paraquat (Gramoxone<sup>®</sup>)  
 pendimethalin (Prowl<sup>®</sup>)  
 propachlor (Ramrod<sup>®</sup>)  
 simazine (Princep<sup>®</sup>)

Apply CRUISE CONTROL at ½ pint per treated acre to ground previously treated with full rates of Clarity<sup>®</sup> or Dicamba plus Atrazine herbicides. Allow at least 2 weeks between applications.

Read and follow label directions for each of the above products.

**TANK MIX TREATMENTS FOR CORN**

CRUISE CONTROL may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, and other restrictions.

**RATES AND TIMINGS**

CRUISE CONTROL Plus	Preplant Preemergent (No Tillage Corn)	Preemergent (Conventional or Reduced Tillage Corn)	Early Postemergent (All Tillage Systems)	Late Postemergent (All Tillage Systems)	Additional Directions
ACCENT <sup>®</sup> (nicosulfuron)			½ - 1 oz. a.i./A	½-1 oz. a.i./A. To improve spray coverage of weeds and reduce risk of corn injury, use drop pipes to direct spray beneath corn leaves when corn is greater than 8 inches tall.	Application may be made to emerged weeds before corn is greater than 24 inches tall. Use non-ionic surfactant at 0.25% (v/v) with this tank mixture.
Atrazine	1 ¼ -2 lbs. a.i./A	1 ¼-2 lbs. a.i./A	1 ¼-2 lbs. a.i./A. Crop oil concentrate may be used with this mixture if corn is 5 inches or less in height.	1 ¼-2 lbs. a.i./A. Do not apply if corn is greater than 12 inches tall.	Application may be made before grasses are 1 ½ inches tall. Follow all state and federal restrictions pertaining to atrazine applications.
BEACON <sup>®</sup> (primisulfuron)			0.31-0.62 oz. a.i./A	0.31-0.62 oz. a.i./A. To improve spray coverage of weeds and reduce risk of corn injury, use drop pipes to direct spray beneath corn leaves when corn is greater than 8 inches	Application may be made to emerged weeds when corn is 4 to 24 inches tall. Use non-ionic surfactant at 0.25% (v/v) with this tank mixture.

CRUISE CONTROL Plus	Preplant Preemergent (No Tillage Corn)	Preemergent (Conventional or Reduced Tillage Corn)	Early Postemergent (All Tillage Systems)	Late Postemergent (All Tillage Systems)	Additional Directions
				tall.	
Metolachlor	1-2 lbs. a.i./A	1-2 lbs. a.i./A. Use only on fine or medium textured soils with 2.5% or greater organic matter.	1-2 lbs. a.i./A		Application may be made before grasses reach the 2-leaf stage and before corn is greater than 3 inches tall.
FRONTIER® (dimethenamid)	13-25 fl. oz. a.i./A	13-25 fl. oz./A. Use only on fine or medium textured soils with 2.5% or greater organic matter.	13-25 fl. oz. a.i./A		Application may be made up to 8-inch tall corn. This treatment must be combined with a herbicide that provides postemergence control of grass weeds if they are greater than 1-inch tall at the time of application.
FRONTIER® 6.0 (dimethenamid)	16 to 32 fl. oz./A	16 to 32 fl. oz./A. Use only on fine or medium textured soils with 2.5% or greater organic matter.	16 to 32 fl. oz./A		Application may be made up to 8-inch tall corn. This treatment must be combined with a herbicide that provides postemergence control of grass weeds if they are greater than 1-inch tall at the time of application.
GRAMOXONE® (paraquat)	¼-1 lb. a.i./A	¼-1 lb. a.i./A			Application may be made to emerged weeds but prior to corn emergence.
HARNESS® PLUS or SURPASS™ (acetochlor)	1 ½-3 lbs. a.i./A	1 ½-3 lbs. a.i./A. Use only on fine or medium textured soils with 2.5% or greater organic matter.			Application should be made prior to corn emergence.
LASSO® (alachlor)	1 ½-4 lbs. a.i./A	1 ½-4 lbs. a.i./A. Use only on fine textured soils with greater than 2.5% organic matter.	1 ½-4 lbs. a.i./A		Application may be made before grasses reach the 2-leaf stage and before corn is greater than 3 inches tall. If microencapsulate d forms of alachlor are used (Lasso®)

CRUISE CONTROL Plus	Preplant Preemergent (No Tillage Corn)	Preemergent (Conventional or Reduced Tillage Corn)	Early Postemergent (All Tillage Systems)	Late Postemergent (All Tillage Systems)	Additional Directions
					MT, Partner <sup>®</sup> , applications must be made prior to grass emergence.
PRINCEP <sup>®</sup> (simazine)	2-3 lbs. a.i./A	2-3 lbs. a.i./A			Application may be made prior to corn or weed emergence.
PROWL <sup>®</sup> (pendimethalin)		¾-1 ½ lbs. a.i./A. Use only on fine or medium textured soils with 2.5% or greater organic matter.	¾-1 ½ lbs. a.i./A		Application may be made immediately after planting but prior to weed emergence. Corn should not be beyond the 2-leaf stage of growth.
GLY STAR <sup>™</sup> ORIGINAL or ROUNDUP <sup>®</sup> (glyphosate)	1-3 lbs. a.i./A	1-3 lbs. a.i./A			Application may be made to emerged weeds but prior to corn emergence.
STINGER <sup>™</sup> (clopyralid)			0.035-0.07 lbs. a.i./A	0.035-0.07 lbs. a.i./A	Application may be made any time after corn emergence through 24-inch tall corn. Use drop nozzles to direct spray after corn exceeds the 8-inch stage. Apply when the majority of the thistle plants have emerged and are at least 4 inches in height, but before bud stage. Use higher rates listed for stand reduction of larger thistle plants or heavier infestations. Lower rates listed may provide seasonal thistle suppression only.
TOUGH <sup>®</sup> 3.75 EC (pyridate)			0.47 lb. a.i./A	0.47-0.94 lb. a.i./A	Applications may be made to emerged, actively growing weeds. Directed applications are recommended when corn is large enough to prevent proper spray



CRUISE CONTROL Plus	Preplant Preemergent (No Tillage Corn)	Preemergent (Conventional or Reduced Tillage Corn)	Early Postemergent (All Tillage Systems)	Late Postemergent (All Tillage Systems)	Additional Directions
2,4-D	¼-1/2 lb. a.i./A	¼-1/2 lb. a.i./A	Not recommended	1/8 lb. a.i./A	coverage. Drop pipes are to be used when corn height is 8 inches or greater. Keeping the spray off the corn leaves and out of the whorl will reduce the likelihood of crop injury and improve spray coverage of weed foliage.

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### SORGHUM (MILO)

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Observe all precautions, including the reference to crops growing under stress. Read and follow MIXING AND APPLICATION instructions.

Applications of CRUISE CONTROL to sorghum during periods of rapid growth may result in temporary leaning of plants or rolling of leaves. These effects are usually outgrown within 10 to 14 days.

The minimum PHI is 30 days for sorghum forage, grain, and stover. If sorghum is grown for pasture or hay, refer to the PASTURE use section. Do not apply CRUISE CONTROL to sorghum grown for seed production.

Make no more than one application per growing season.

#### WEEDS CONTROLLED

CRUISE CONTROL, when applied at the recommended rate for sorghum, will control many actively growing annual broadleaf weeds and will reduce competition from established perennial broadleaf weeds as well as control their seedlings. (Refer to GENERAL WEED LIST.)

#### RATES AND TIMINGS

CRUISE CONTROL may be applied to emerged and actively growing weeds at least 15 days prior to planting. Postemergence application of CRUISE CONTROL must be made after sorghum is in the spike stage (all sorghum emerged) but before sorghum is 15 inches tall. For best performance, make applications when sorghum is in the 3 to 5 leaf stage and weeds are small (less than 3 inches tall). Use drop pipes (drop nozzles) if sorghum is taller than 8 inches. Keeping the spray off the sorghum leaves and out of the whorl will reduce the likelihood of crop injury and improve spray coverage of weed foliage.

**BROADCAST RATE PER TREATED ACRE: ½ pint (1/4 lb. a.i.)**

#### TANK MIX TREATMENTS

##### CRUISE CONTROL PLUS ATRAZINE

For improved control of emerged, actively growing broadleaf weeds including triazine-resistant species and added suppression of perennial broadleaf weeds, tank mix ½ pint CRUISE CONTROL with 0.5 to 1.25 lbs. a.i. atrazine per treated acre. For control of grasses (less than 1.5 inches tall), tank mix ½ pint CRUISE CONTROL with 2 lbs. a.i. atrazine per treated acre. For best performance and minimal crop injury, make application when sorghum is 3-8 inches tall and when broadleaf weeds are small (less than 6 inches tall). Application of atrazine must be made before sorghum is beyond 12 inches tall. The atrazine rate will depend upon soil texture and length of residual weed control desired. Follow all State and Federal restrictions pertaining to atrazine applications.

**CRUISE CONTROL PLUS BROX™ 2EC HERBICIDE or BUCTRIL®**

For improved control of broadleaf weeds, tank mix ½ pint CRUISE CONTROL with 1-1 ½ pints BROX™ 2EC Herbicide or Buctril® per treated acre. Make application at 4-leaf to 15-inch tall sorghum. Use drop nozzles to direct spray beneath sorghum leaves when sorghum is greater than 8 inches tall.

Read and follow the label of each tank mix product used for precautionary statements, directions for use, application rates and timings and other restrictions.

**OVERLAY (SEQUENTIAL) TREATMENTS**

CRUISE CONTROL may be applied to ground previously treated with one or more of the following herbicides registered for use in sorghum:

Herbicide	Maximum Rate Per Treated Acre (lbs. a.i.)
alachlor (Lasso®) (Screen®-treated seed)	4
atrazine	2
metolachlor () (Concep®-treated seed)	1.67
propachlor (Ramrod®)	5

Maximum use rate for atrazine is determined by soil type, tillage practices, surface residue, and state or local restrictions. Follow the more restrictive requirements when determining the maximum use rate for atrazine.

**PREHARVEST USES  
(FOR USE ONLY IN THE STATES OF TEXAS AND OKLAHOMA)**

CRUISE CONTROL may be applied for weed suppression any time after the sorghum has reached the soft dough stage. An agriculturally approved surfactant may be used to improve performance. For aerial application use at least 2 gallons of water-based carrier per treated acre.

Delay harvest until 30 days after treatment.

**BROADCAST RATE PER TREATED ACRE: ½ pint (1/4 lb a.i.)**

**BARLEY, OATS, AND WHEAT NOT UNDERSEEDED TO LEGUMES**

Observe all precautions. Read and follow cleaning, mixing and application instructions.

Do not graze or harvest treated barley as green forage.

If small grains are used for pasture or hay, the following restrictions apply:

- Animals cannot be removed from treated area for slaughter prior to 30 days after last application.
- There is no waiting period between treatment and grazing for non-lactating dairy animals.
- Treated areas may not be grazed by lactating dairy animals before 7 days after treatment.
- Do not harvest hay from treated areas before 37 days after treatment.

Note: Observe all precautions and restriction on the labels of products used in tank mix treatments.

**WEEDS CONTROLLED**

CRUISE CONTROL or combinations with listed tank mix partners will provide control or suppression of the annual broadleaf weeds listed below. For improved control of listed weeds, it is recommended that CRUISE CONTROL be applied in a tank mix with other herbicides. Refer to specific crop for tank mix options.

- |                                  |   |
|----------------------------------|---|
| Alkanet <sup>1</sup>             | Mustard, Blue (Purple) <sup>1</sup>     |
| Bedstraw, Catchweed <sup>1</sup> | Mustard, Tansy                          |
| Bindweed, Field <sup>2</sup>     | Mustard, Treacle <sup>1</sup>           |
| Buckwheat, Tartary               | Mustard, Tumble (Jim Hill) <sup>1</sup> |
| Buckwheat, Wild                  | Mustard, Wild <sup>1</sup>              |
| Carpetweed <sup>1</sup>          | Nightshade, Black                       |

Chamomile, Corn  
 Chervil, Bur<sup>1</sup>  
 Chickweed, Common<sup>1</sup>  
 Cockle, Corn  
 Cockle, Cow  
 Cocklebur, Common  
 Cornflower (Bachelorbutton)<sup>1</sup>  
 Dandelion, Common<sup>2</sup>  
 Dock, Curly<sup>2</sup>  
 Dragonhead, American<sup>1</sup>  
 Evening Primrose, Cutleaf<sup>1</sup>  
 Falseflax, Smallseeded<sup>1</sup>  
 Fiddleneck (Tarweed)<sup>1</sup>  
 Flixweed<sup>1</sup>  
 Fumitory<sup>1</sup>  
 Gromwell, Corn<sup>1</sup>  
 Groundsel, Common<sup>1</sup>  
 Hempnettle<sup>1</sup>  
 Henbit  
 Jacobs Ladder<sup>1</sup>  
 Knawel (German Moss)  
 Knotweed, Prostrate  
 Kochia  
 Ladysthumb  
 Lambsquarters, Common  
 Lettuce, Miners<sup>1</sup>  
 Lettuce, Prickly  
 Mallow, Common  
 Mayweed, Chamomile (Dogfennel)<sup>1</sup>  
 Pepperweed, Peppergrass<sup>1</sup>

Nightshade, Cutleaf<sup>1</sup>  
 Nightshade, Silverleaf<sup>2</sup> (White Horsenettle)  
 Pennycress, Field (Fanweed, Frenchweed, Stinkweed)  
 Pigweed, Redroot (Carelessweed)  
 Pigweed, Rough  
 Pigweed, Tumble  
 Pineappleweed<sup>1</sup>  
 Plantain, Broadleaf<sup>2</sup>  
 Poppy, Red Horned<sup>1</sup>  
 Puncturevine<sup>1</sup>  
 Purslane, Common<sup>1</sup>  
 Radish, Wild<sup>1</sup>  
 Ragweed, Common<sup>1</sup>  
 Ragweed, Giant (Buffaloweed)<sup>1</sup>  
 Rocket, London<sup>1</sup>  
 Rocket, Yellow<sup>1</sup>  
 Salsify (Goatsbeard)<sup>1</sup>  
 Shepherdspurse<sup>1</sup>  
 Smartweed, Green  
 Smartweed, Pennsylvania  
 Sorrel, Red (Sheep Sorrel)<sup>1</sup>  
 Sowthistle, Annual  
 Starthistle, Yellow<sup>1</sup>  
 Sunflower, Common (Wild)  
 Thistle, Canada<sup>2</sup>  
 Thistle, Russian  
 Velvetleaf  
 Vetch<sup>1</sup>  
 Yarrow, Common<sup>2</sup>

<sup>1</sup>These weeds will be controlled with CRUISE CONTROL tank mixtures. Refer to tank mix label for specific weeds controlled.

<sup>2</sup>CRUISE CONTROL tank mixes will provide suppression of established broadleaf weeds and control of their seedlings.

**RATES AND TIMINGS**

Application of CRUISE CONTROL may be made before, during or after planting of small grains. For best performance, make applications when weeds are in the 2-3 leaf stage and rosettes are less than 2 inches across. Application of CRUISE CONTROL to small grains during periods of rapid growth may result in crop leaning. This condition is temporary and will not reduce crop yields.

Use CRUISE CONTROL at 2 to 4 fluid ounces per treated acre in wheat, fall seeded barley, and oats, and at 2 to 3 fluid ounces per treated acre in spring seeded barley. Use the higher level of listed rate ranges when treating difficult to control weeds such as kochia, Russian thistle and prickly lettuce or dense vegetative growth.

CRUISE CONTROL used in a tank mix with other herbicides offers the best spectrum of weed control and herbicide tolerant or resistant weed management. Refer to specific crop for CRUISE CONTROL rate and application timing.

For applications prior to the emergence of weeds or when sulfonylurea-resistant weeds are present or suspected, use a minimum of 3 fluid ounces per treated acre of CRUISE CONTROL with a tank mix herbicide. Non-sulfonylurea herbicides, such as 2,4-D or MCPA tank mixed with CRUISE CONTROL will offer more consistent control of sulfonylurea resistant weeds.

When tank mixing with sulfonylurea herbicides, such as Ally<sup>®</sup>, Amber<sup>®</sup>, Express<sup>®</sup>, Finesse<sup>®</sup>, Glean<sup>®</sup> and Harmony<sup>®</sup> Extra, use an agriculturally approved surfactant of at least 80% active ingredient at the rate of

1-4 pints/100 gallons of spray or not more than 0.25-0.5% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature and difficult to control weeds or dense vegetative growth.

**FALL AND SPRING SEEDED WHEAT**

CRUISE CONTROL must be applied to fall seeded wheat prior to the jointing stage. Applications to spring seeded wheat must be made before wheat reaches the 6-leaf stage.

**TANK MIX TREATMENTS**

CRUISE CONTROL may be tank mixed with one or more of the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled, and geographic and other restrictions. Follow the most restrictive practices on this label and the tank mix products recommended below. Not all recommended tank mix products can be used on oats.

**BROADCAST RATE PER TREATED ACRE<sup>1</sup>**

Apply 2-4 fluid ounces CRUISE CONTROL with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D amine or ester	2,4-D	4 lb./gal.	8-12 fl. oz. (0.25-0.375 lb. a.i./A) <sup>2</sup>
MCPA amine or ester	MCPA	4 lb./gal.	8-12 fl. oz. (0.25-0.375 lb. a.i./A) <sup>2</sup>
Ally <sup>®</sup>	metsulfuron-methyl	60% DF	1/10 oz.
Amber <sup>®</sup>	triasulfuron	75% DF	0.28 oz.
Express <sup>®</sup>	thifensulfuron + tribenuron-methyl	75% DF	1/6 oz.
Finesse <sup>®</sup>	chlorsulfuron + metsulfuron-methyl	75% DF	1/3 oz.
Glean <sup>®</sup>	chlorsulfuron	75% DF	1/6 oz.
Harmony <sup>®</sup> Extra	thifensulfuron + tribenuron-methyl	75% DF	1/3 oz.
BROX <sup>™</sup> 2EC Herbicide, Buctril <sup>®</sup>	bromoxynil <sup>3</sup>	2 lb./gal.	1-1 1/2 pts.
BROX <sup>™</sup> -M Herbicide, Bronate <sup>®</sup>	bromoxynil + MCPA	4 lb./gal.	1-2 pts.
Curtail <sup>™</sup>	clopyralid + 2,4-D	2.38 lb./gal.	2-2 2/3 pts.
Stinger <sup>™</sup>	clopyralid	3 lb./gal.	1/4-1/3 pt.
Karmex <sup>®4</sup>	diuron <sup>3</sup>	80% DF	1/2 - 1 1/2 lbs.
Sencor <sup>®4</sup>	metribuzin <sup>3</sup>	75% DF	1-10 oz.
Dakota <sup>®5</sup>	fenoxaprop-ethyl + MCPA	3.1 lb./gal.	16 oz.
Tiller <sup>®5</sup>	fenoxaprop-ethyl + MCPA + 2,4-D	2.7 lb./gal.	1-1.7 pts.

<sup>1</sup>Early developing wheat varieties such as TAM 107, MADISON, OR WAKEFIELD must receive application between early tillering and the jointing stage. Care should be taken in staging these varieties to be certain that the application occurs prior to the jointing stage.

<sup>2</sup>When using formulations other than 4 lb./gal., use pounds active/acre listed.

<sup>3</sup>Herbicides with the same active ingredient and/or different formulations may be used.

<sup>4</sup>Tank mixtures for fall seeded wheat only.

<sup>5</sup>Use 2 fluid ounces of CRUISE CONTROL only. Do not use if wild oats is the target weed. Do not use CRUISE CONTROL as a tank mix treatment with Dakota<sup>®</sup> or Tiller<sup>®</sup> on Durum wheat.

**SPECIAL USE TANK MIXES FOR SPRING AND FALL SEEDED WHEAT  
(SEE FOOTNOTES FOR APPLICABLE USES)**

Apply 3-4<sup>1</sup> fluid ounces CRUISE CONTROL with:

Product <sup>2</sup>	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D or MCPA amine	2,4-D or MCPA	4.0 lb./gal.	1-2 pts. <sup>3</sup> (0.5-1.0 lb. a.i./A) <sup>4</sup>
2,4-D or MCPA ester	2,4-D or MCPA	4.0 lb./gal.	1-1 ½ pts. <sup>3</sup> (0.5-0.75 lb. a.i./A) <sup>4</sup>
Ally <sup>®</sup>	metsulfuron-methyl	60% DF	1/20-1/10 oz.
Amber <sup>®</sup>	triasulfuron	75% DF	0.14-0.28 oz.
Express <sup>®</sup>	thifensulfuron + tribenuron-methyl	75% DF	1/12-1/6 oz.
Finesse <sup>®</sup>	chlorsulfuron + metsulfuron-methyl	75% DF	1/6-1/3 oz.
Glean <sup>®</sup>	chlorsulfuron	75% DF	1/6 oz.
Harmony <sup>®</sup> Extra	thifensulfuron + tribenuron-methyl	75% DF	1/6-1/3 oz.
Ally <sup>®</sup> + 2,4-D amine or ester <sup>5</sup>	metsulfuron-methyl + 2,4-D	60% DF + 4 lb./gal.	1/20-1/10 oz. + 8 fl. oz.
Amber <sup>®</sup> + 2,4-D amine or ester <sup>5</sup>	triasulfuron + 2,4-D	75% DF + 4 lb./gal.	0.14-0.28 oz. + 8 fl. oz.
Express <sup>®</sup> + 2,4-D amine or ester <sup>5</sup>	(thifensulfuron + tribenuron-methyl) + 2,4-D	75% DF + 4 lb./gal.	1/12-1/6 oz. + 8 fl. oz.
Finesse <sup>®</sup> + 2,4-D amine or ester <sup>5</sup>	(chlorsulfuron + metsulfuron-methyl) + 2,4-D	75% DF + 4 lb./gal.	1/6-1/3 oz. + 8 fl. oz.
Glean <sup>®</sup> + 2,4-D amine or ester <sup>5</sup>	chlorsulfuron + 2,4-D	75% DF + 4 lb./gal.	1/6 oz. + 8 fl. oz.
Harmony <sup>®</sup> Extra + 2,4-D amine or ester <sup>5</sup>	(thifensulfuron + tribenuron-methyl) + 2,4-D	75% DF + 4 lb./gal.	1/6-1/3 oz. + 8 fl. oz.
Roundup <sup>®</sup> RT <sup>6</sup>	glyphosate	3.0 lb./gal.	12-16 fl. oz.

<sup>1</sup>CRUISE CONTROL may be used at 6 fluid ounces on fall seeded wheat in western Oregon as a spring application only. In CO, KS, NM, OK and TX up to 8 fluid ounces of CRUISE CONTROL may be applied on fall seeded wheat after it exceeds the 3-leaf stage for suppression of perennial weeds, such as field bindweed. Applications may be made in fall following a frost but before a killing freeze. CRUISE CONTROL may be tank mixed with 2,4-D amine at 8 fluid ounces after wheat begins to tiller. Periods of extended stress, such as cold and wet weather, may enhance the possibility of crop injury. For fall applications only, do not use if the potential for crop injury is not acceptable.

<sup>2</sup>Do not use low rates of sulfonylurea herbicides, such as Ally<sup>®</sup>, Amber<sup>®</sup>, Express<sup>®</sup>, Finesse<sup>®</sup>, Glean<sup>®</sup>, and Harmony<sup>®</sup> Extra, on more mature weeds and/or on dense vegetative growth.

<sup>3</sup>NOTE: For use on Fall Seeded Wheat Only. Do not use unless potential crop injury will be acceptable.

<sup>4</sup>When using formulations other than 4 lb./gal., use pounds active/acre listed.

<sup>5</sup>Use for improved control of Russian thistle, flaxweed, gromwell, mayweed and fiddleneck.

<sup>6</sup>CRUISE CONTROL may be applied at 2 fluid ounces with Roundup<sup>®</sup> RT or any glyphosate formulation labeled for use as a preplant application to small grains with no waiting period prior to planting. Read and follow label directions of the tank mix product for adjuvant use recommendations.

**FALL SEEDED BARLEY**

CRUISE CONTROL must be applied to fall seeded barley prior to the jointing stage.

NOTE: For spring seeded barley varieties that are seeded during the winter months or later, follow the rates and timings given for spring seeded barley.

**TANK MIX TREATMENTS**

CRUISE CONTROL may be tank mixed with one or more of the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled, geographic and other restrictions.

**BROADCAST RATE PER TREATED ACRE**

Apply 2-4 fluid ounces CRUISE CONTROL with:

Product <sup>1</sup>	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D amine or ester	2,4-D	4 lb./gal.	8 fl. oz. (0.25 lb. a.i./A) <sup>2</sup>
MCPA amine or ester	MCPA	4 lb./gal.	8-12 fl. oz. (0.25-0.375 lb. a.i./A)
Ally <sup>®</sup>	metsulfuron-methyl	60% DF	1/20-1/10 oz.
Amber <sup>®</sup>	triasulfuron	75% DF	0.14-0.28 oz.
Express <sup>®</sup>	thifensulfuron + tribenuron-methyl	75% DF	1/12-1/6 oz.
Finesse <sup>®</sup>	chlorsulfuron + metsulfuron-methyl	75% DF	1/6-1/3 oz.
Glean <sup>®</sup>	chlorsulfuron	75% DF	1/6 oz.
Harmony <sup>®</sup> Extra	thifensulfuron + tribenuron-methyl	75% DF	1/6-1/3 oz.
Sencor <sup>®</sup>	metribuzin <sup>3</sup>	75% DF	1-10 oz.
BROX <sup>™</sup> 2EC Herbicide, Buctril <sup>®</sup>	bromoxynil	2 lb./gal.	1-1 1/2 pts.
BROX <sup>™</sup> -M Herbicide, Bronate <sup>®</sup>	bromoxynil + MCPA	4 lb./gal.	3/4-1 1/2 pts.

<sup>1</sup>Do not use low rates of sulfonylureas (Ally<sup>®</sup>, Amber<sup>®</sup>, Express<sup>®</sup>, Glean<sup>®</sup>, and Harmony<sup>®</sup> Extra) on more mature weeds and/or on dense vegetative growth.

<sup>2</sup>When using formulations other than 4 lb./gal., use pounds active/acre listed.

<sup>3</sup>Herbicides with the same active ingredient and/or different formulations may be used.

**SPRING SEEDED BARLEY**

CRUISE CONTROL must be applied before spring seeded barley exceeds the 4-leaf stage.

**TANK MIX TREATMENTS**

CRUISE CONTROL may be tank mixed with one or more of the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled, geographic and other restrictions.

**BROADCAST RATE PER TREATED ACRE**

Apply 2-3 fluid ounces of CRUISE CONTROL with:

Product <sup>1</sup>	Active Ingredient	Formulation	Amount of Product Per Acre
MCPA amine or ester	MCPA	4 lb./gal.	8-12 fl. oz. (0.25-0.375 lb. a.i./A) <sup>2</sup>
Ally <sup>®</sup>	metsulfuron-methyl	60% DF	1/20-1/10 oz.
Amber <sup>®</sup>	triasulfuron	75% DF	0.14-0.28 oz.
Express <sup>®</sup>	thifensulfuron + tribenuron-methyl	75% DF	1/12-1/6 oz.
Finesse <sup>®</sup>	chlorsulfuron + metsulfuron-methyl	75% DF	1/6-1/3 oz.
Glean <sup>®</sup>	chlorsulfuron	75% DF	1/6 oz.
Harmony <sup>®</sup> Extra	thifensulfuron +	75% DF	1/6-1/3 oz.

Product <sup>1</sup>	Active Ingredient	Formulation	Amount of Product Per Acre
	tribenuron-methyl		
Sencor <sup>®</sup>	metribuzin <sup>3</sup>	75% DF	1-10 oz.
BROX <sup>™</sup> 2EC Herbicide, Buctril <sup>®</sup>	bromoxynil	2 lb./gal.	1-1 ½ pts.
BROX <sup>™</sup> -M Herbicide, Bronate <sup>®</sup>	bromoxynil + MCPA	4 lb./gal.	<sup>3</sup> / <sub>4</sub> -1 ½ pts.

<sup>1</sup>Do not use low rates of sulfonylureas (Ally<sup>®</sup>, Amber<sup>®</sup>, Express<sup>®</sup>, Glean<sup>®</sup>, and Harmony<sup>®</sup> Extra) on more mature weeds and/or on dense vegetative growth.

<sup>2</sup>When using formulations other than 4 lb./gal., use pounds active/acre listed.

<sup>3</sup>Herbicides with the same active ingredient and/or different formulations may be used.

#### FALL AND SPRING SEEDED OATS

CRUISE CONTROL must be applied before spring seeded oats exceed the 5-leaf stage. Applications to fall seeded oats must be made prior to the jointing stage.

#### TANK MIX TREATMENTS

CRUISE CONTROL may be tank mixed with one or more of the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled, geographic and other restrictions.

#### BROADCAST RATE PER TREATED ACRE

Apply 2-4 fluid ounces of CRUISE CONTROL with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
MCPA amine or ester	MCPA	4 lb./gal.	8-12 fl. oz. (0.25-0.375 lb. a.i./A) <sup>1</sup>

<sup>1</sup>When using formulations other than 4 lb./gal., use pounds active/acre listed.

#### SUGARCANE

Observe all precautions. Read and follow MIXING AND APPLICATION instructions.

Consult your local or state authorities for possible application restrictions, especially concerning aerial applications and advice concerning special local use situations.

#### WEEDS CONTROLLED

CRUISE CONTROL, when applied at the recommended rates, will control many annual, biennial and perennial broadleaf weeds commonly found in sugarcane. (Refer to GENERAL WEED LIST.)

#### RATES AND TIMINGS

Application of CRUISE CONTROL may be made any time after weeds have emerged and are actively growing but before the close-in stage of sugarcane. Application rates and timings of CRUISE CONTROL are given below. Use the higher level of listed rate ranges when treating dense vegetative growth.

Weed Stage & Type	Product Amount	Broadcast Rate Per Treated Acre (lbs. a.i.)
<b>Annual</b>		
Small, actively growing	½-1 pt.	¼-1/2
Established growth	1-1 ½ pts.	½-3/4
<b>Biennial</b>	1-2 pts.	½-1
<b>Perennial</b>	2-4 pts.	1-2*

\*Application made over the top of actively growing sugarcane may result in crop injury.

When possible, direct the spray beneath the sugarcane canopy in order to minimize the likelihood of crop injury. The use of directed sprays will also aid in maximizing spray coverage of weed foliage.

Retreatments may be made as needed; however, do not exceed a total of 4 pints (2 lbs. a.i.) of CRUISE CONTROL per treated acre during a growing season.

**TANK MIX TREATMENTS**

CRUISE CONTROL may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled, geographic and other restrictions.

Herbicide	Rate Per Treated Acre (lbs. a.i.)
ametryn (Evik <sup>®</sup> )	2/5-8
asulam (Asulox <sup>®</sup> )	2-3 1/3
atrazine	2/5-4
2,4-D	1/2-3*

\*Application of CRUISE CONTROL plus 2,4-D tank mix at the higher listed ranges may result in crop injury.

**GRASS, PASTURE, HAY, RANGELAND AND GENERAL FARMSTEAD (NON-CROPLAND)**

CRUISE CONTROL is recommended for use on pasture, hay, rangeland, general farmstead (non-cropland including fence rows and non-irrigation ditchbanks) for broadleaf weed and brush control. CRUISE CONTROL may also be applied to non-cropland areas for the control of broadleaf weeds in noxious weed control programs. Districts or areas including broadcast or spot treatment of roadsides and highways, utilities, railroad and pipeline rights-of-way. Noxious weeds must be recognized at the state level but programs may be administered at state, county or other level.

Observe all precautions. Read and follow mixing and application instructions.

CRUISE CONTROL uses described in this section also pertain to small grains (such as barley, forage sorghum, oats, rye, sudangrass or wheat) grown for pasture use only.

Newly seeded areas, including small grains grown for pasture may be severely injured if rates of CRUISE CONTROL greater than 1 pint/A are applied.

Established grass crops growing under stress can exhibit various injury symptoms that may be more pronounced if herbicides are applied. Furthermore, rates of CRUISE CONTROL in excess of 2 quarts (2 lbs. a.i.) per treated acre may cause temporary injury to many grass species.

Bentgrass, carpetgrass, buffalograss and St. Augustine grass may be injured at rates exceeding 1 pint CRUISE CONTROL (1/2 lb. a.i.) per treated acre. Usually colonial bentgrasses are more tolerant than creeping types. Velvetgrasses are most easily injured. Treatments will kill or injure alfalfa, clovers, lespedeza, wild winter peas, vetch and other legumes.

Animals cannot be removed from treated area for slaughter prior to 30 days after last application. There is no waiting period between treatment and grazing for non-lactating animals.

**TIMING RESTRICTIONS FOR LACTATING DAIRY ANIMALS FOLLOWING TREATMENT**

CRUISE CONTROL Rate per Treated Acre	Days Before Grazing	Days Before Hay Harvest
Up to 1 pint (1/2 lb. a.i.)	7 days	37 days
Up to 1 quart (1 lb. a.i.)	21 days	51 days
Up to 2 quarts (2 lbs. a.i.)	40 days	70 days

NOTE: Observe all precautions and restrictions on labels of products used in tank mixtures.

**MIXING AND APPLICATION**

CRUISE CONTROL can be applied using water, oil in water emulsions including invert systems, or sprayable fluid fertilizer as a carrier. A compatibility test (see COMPATIBILITY TEST section) should be made prior to tank mixing.

To prepare oil in water emulsions, half-fill spray tank with water. Then add the appropriate amount of emulsifier with continuous agitation. Slowly add the herbicide and then the oil (such as diesel oil or fuel



oil) or a premix of oil plus additional emulsifier to spray tank. Complete filling of spray tank with water. Maintain vigorous agitation during spray operation to prevent oil and water from forming separate layers.

CRUISE CONTROL may be applied broadcast using either ground or aerial application equipment. When using ground equipment, apply 3 to 600 gallons of diluted spray per treated acre. Volume of spray applied will depend on the height, density, and type of weeds or brush being treated and on the type of equipment being used. When using aerial equipment, apply 1 to 40 gallons of diluted spray per treated acre in a water-based carrier.

CRUISE CONTROL may be applied to individual clumps or small areas (spot treatment) of undesirable vegetation using handgun or similar types of application equipment. Apply diluted sprays to allow complete wetting (up to run-off) of foliage and stems.

Herbicide adjuvants or other spray additives (emulsifiers, surfactants, wetting agents, drift control agents, or penetrants) may be used for wetting, penetration, or drift control. Spray additives must be agriculturally approved when used in pasture applications. If spray additives are used, read and follow all use recommendations and precautions on product label.

**WEEDS CONTROLLED**

CRUISE CONTROL, when applied at recommended rates, will give control of many annual, biennial, and perennial broadleaf weeds, and many woody brush and vine species commonly found in pasture, hay, rangeland and general farmstead (non-cropland) areas. (Refer to GENERAL WEED LIST.) Perennial weeds noted with a asterisk (\*) may be controlled with lower rates of either CRUISE CONTROL or CRUISE CONTROL plus 2,4-D. See RATES AND TIMINGS below.

**RATES AND TIMINGS**

Application rates and timing of CRUISE CONTROL are given below. Use the higher level of listed rate ranges when treating dense or tall vegetative growth.

Weed Stage & Type	Product Amount	Broadcast Rate Per Treated Acre (lbs. a.i.)
<b>Annual</b>		
Small, actively growing	1/2-1 pt.	1/4-1/2
Established weed growth	1-1 1/2 pts.	1/2-3/4
<b>Biennial<sup>1</sup></b>		
<b>Rosette diameter</b>		
Less than 3 inches	1/2-1 pt.	1/4-1/2
3 inches or more	1-2 pts.	1/2-1
Bolting	2-3 pts.	1-1 1/2
<b>Perennial</b>		
Suppression or top growth control	1/2-1 qt.	1/2-1
Noted (*) Perennials	1-2 qts.	1-2*
<b>Other Perennials</b>	2 qts.	2*
<b>Woody Brush &amp; Vines</b>		
Top growth suppression	1/2-1 qt.	1/2-1
Top growth control <sup>2</sup>	1-2 qts.	1-2*
Stems and stem suppression	2 qts.	2*

<sup>1</sup>For best performance, make application when biennial weeds are in the rosette stage.

<sup>2</sup>Species noted in GENERAL WEED LIST section will require tank mixtures for adequate control.

\*Rates above 2.0 lb. a.i./A are spot treatments only. Do not broadcast apply more than 1 lb. a.i./A.

Retreatments may be made as needed; however, do not exceed a total of 2 quarts (2 lbs. a.i.) of CRUISE CONTROL per treated acre during a growing season.

### TANK MIX TREATMENTS

Read and follow the label of each tank mix product used for precautionary statements, directions for use, application rates and other restrictions. CRUISE CONTROL may be tank mixed with one or more of the following herbicides for control of grasses, additional broadleaf weeds, and woody brush and vines.

Herbicide	Rate Per Treated acre (lbs. a.i.)
Pasture, hay, rangeland and general farmstead (non-cropland) use:	
glyphosate (Gly Star™ Original, Roundup®)	¾-3 ¾
metsulfuron methyl (Ally®)	0.0038-0.011
paraquat (Gramoxone®)	½-1
picloram (Tordon™)	1/8-3
triclopyr (Garlon™)	¾-9
2,4-D	¼-6

Due to variations that may occur in formulated products and specific use ingredients (e.g. water supplies), a compatibility test (see COMPATIBILITY TEST section) is recommended prior to actual tank mixing.

### CUT SURFACE TREE TREATMENTS

CRUISE CONTROL may be applied as a cut surface treatment for control of unwanted trees and prevention of sprouts of cut trees. A mix of 1 part CRUISE CONTROL with 1 to 3 parts water should be used in application. Use the lower dilution when treating difficult-to-control species.

**FRILL OR GIRDLE TREATMENTS:** Make a continuous cut or a series of overlapping cuts using an axe to girdle tree trunk. Spray or paint cut surface with the CRUISE CONTROL/water mix.

**STUMP TREATMENTS:** Spray or paint freshly cut surface with the water mix. The area adjacent to the bark should be thoroughly wet.

NOTE: For more rapid foliar effects, 2,4-D may be added to the CRUISE CONTROL/water mix.

### DORMANT APPLICATIONS FOR CONTROL OF MULTIFLORA ROSE

CRUISE CONTROL can be applied when plants are dormant as an undiluted SPOT-CONCENTRATE directly to the soil or as a LO-OIL BASAL BARK treatment using an oil-water emulsion solution.

SPOT-CONCENTRATE applications of CRUISE CONTROL should be applied directly to the soil as close as possible to the root crown but within 6-8 inches of the crown. On sloping terrain, application should be made to the uphill side of the crown. Do not make application when snow or water prevents applying CRUISE CONTROL directly to the soil. The use rate of CRUISE CONTROL is dependent on the canopy diameter of the multiflora rose. Examples: Use CRUISE CONTROL at ¼, 1 or 2 ¼ fluid ounces of product respectively, for 5, 10, or 15 feet canopy diameters. Do not exceed a total of 2 qts. CRUISE CONTROL per acre per year.

LO-OIL BASAL BARK applications of CRUISE CONTROL should be applied to the basal stem regions from the ground line up to a height of 12 to 18 inches. Spray until runoff, with special emphasis on covering the root crown. For best results, make application when plants are dormant. Do not make application after bud break or when plants are showing signs of active growth. Do not make application when snow or water prevents applying CRUISE CONTROL to the ground line. Refer to MIXING AND APPLICATIONS above in this section for method of preparing oil-in-water emulsion. Example for making approximately 2 gallons of a LO-OIL spray mixture: combine 1 ½ gallons water plus 1 ounce emulsifier plus 1 pint CRUISE CONTROL plus 2 ½ pints of No. 2 diesel fuel. Adjust amounts of materials used proportionately to the amount of final spray solution desired. Do not exceed 8 gallons of spray solution mix applied per acre per year.

**CONSERVATION RESERVE PROGRAM (CRP) ACRES**

CRUISE CONTROL is recommended for use on both newly seeded and established grasses grown in Conservation Reserve or Federal Set-Aside Programs.

Observe all precautions, MIXING AND APPLICATION directions.

CRUISE CONTROL treatment will injure or may kill alfalfa, clovers, lespedeza, wild winter peas, vetch, and other legumes.

Agriculturally approved surfactants may be added to the spray mixture to improve postemergence weed control, particularly in dry growing conditions.

Do not use adjuvants containing penetrants such as petroleum based oils after grass emergence on newly seeded grasses.

**NEWLY SEEDED AREAS**

CRUISE CONTROL may be applied either preplant or postemergence to newly seeded grasses or small grains such as barley, oats, rye, sudangrass, wheat, or other grain species grown as a cover crop. Postemergence applications may be made after seedling grasses exceed the 3-leaf stage. Rates of CRUISE CONTROL greater than 1 pint per treated acre may severely injure newly seeded grasses.

Preplant applications: Injury to new seedings may occur if intervals between application and grass planting are less than 45 days per pint of CRUISE CONTROL per treated acre west of the Mississippi River or 20 days per pint east of the Mississippi River.

**ESTABLISHED GRASS STANDS**

Established grass stands are perennial grasses planted one or more seasons prior to treatment. Certain species, bentgrass, carpetgrass, smooth brome, buffalograss or St. Augustine grass, may be injured when treated with CRUISE CONTROL at rates exceeding 1 pint per treated acre.

**WEEDS CONTROLLED**

CRUISE CONTROL, when applied at recommended rates, will control many annual and biennial weeds and provide control or suppression of many perennial weeds. (Refer to GENERAL WEED LIST.)

**RATES AND TIMINGS**

Application rates and timings of CRUISE CONTROL treatments are given below. Use the higher rate of the rate range when vegetation is either dense or tall, or when weeds are growing under stressed conditions such as drought or cool temperature.

Weed Type* & Stage	Broadcast Rate Per Treated Acre	
	Amount of formulated CRUISE CONTROL (pts.)	Equivalent lbs. a.i.
<b>Annuals</b>		
Small, actively growing	1/4-1	1/8-1/2
Established weed growth	1	1/2
<b>Biennials**</b>		
<b>Rosette diameter</b>		
Less than 3 inches	1/2-1	1/4-1/2
3 inches or greater	1-2	1/2-1
Bolting biennial	2-3	1-1 1/2
<b>Perennials**</b>		
Suppression/Control	2-4	1-2

\*For best results, treat biennial weeds with CRUISE CONTROL when they are in the rosette stage of growth. Retreatments may be made as needed; however, do not exceed a total of 2 quarts (2 lbs. a.i.) of CRUISE CONTROL per treated acre during a growing season.

\*\*biennial and perennial weeds will require follow-up (sequential) treatments for seedling control and escapes.

**TANK MIX TREATMENTS**

To control grasses and additional broadleaf weeds, CRUISE CONTROL may be tank mixed with other herbicides registered for use in Conservation Reserve Programs such as 2,4-D, glyphosate (Gly Star™ Original or Roundup®), paraquat (Gramoxone®), metsulfuron (Ally®) and others.

Read and follow the label of each tank mix product used for precautionary statements, directions for use, application rates, and other restrictions.

**ASPARAGUS  
FOR USE ONLY IN THE STATES OF CALIFORNIA, OREGON AND WASHINGTON**

Observe all precautions. Read and follow mixing and application instructions.

If spray contacts emerged spears, crooking (twisting) of some spears may result. If such crooking occurs, discard affected spears.

Do not harvest prior to 24 hours after treatment.

Do not use in the Coachella Valley of California.

Multiple applications may be made per growing season. Do not exceed a total of 1 pint of CRUISE CONTROL per treated acre per crop year.

**RATES AND TIMINGS**

Apply CRUISE CONTROL to emerged and actively growing weeds in 40 to 60 gallons of diluted spray per treated acre immediately after cutting the field, but at least 24 hours before the next cutting.

Weeds	Rate Per Treated Acre
Mustard, Black Pigweed, Redroot (Carelessweed) Sowthistle, Annual *Thistle, Canada Thistle, Russian	1/2-1 pt (1/4-1/2 lb. a.i.)
*Bindweed, Field Chickweed, Common Goosefoot, Nettleleaf Radish, Wild Thistle, Milk	1 pt. (1/2 lb. a.i.)

CRUISE CONTROL may be applied in a tank mixture with either 2,4-D, Gly Star™ Original or Roundup® for improved control of noted (\*) weeds. Read and follow 2,4-D, Gly Star™ Original or Roundup® product labeling for precautionary statements, directions for use, application rates and timings, and other restrictions.

**TURF AND LAWNS  
FOR USE IN GENERAL FARMSTEAD (NON-CROPLAND) AND SOD FARMS**

**Not for use on turf or sod farms in Arizona.**

Observe all precautions. Read and follow mixing and application instructions.

To avoid injury to newly seeded grasses, application of CRUISE CONTROL should be delayed until after the second mowing. Furthermore, application rates in excess of 1 pint (1/2 lb. a.i.) per treated acre may cause noticeable stunting or discoloration of sensitive grass species such as bentgrass, carpetgrass, buffalograss, and St. Augustine grass.

In areas where roots of sensitive plants extend, do not apply in excess of 1/4 pint (1/8 lb. a.i.) of CRUISE CONTROL per treated acre on coarse textured (sandy-type) soils, or in excess of 1/2 pint (1/4 lb. a.i.) per treated acre on fine textured (clay-type) soils. Do not make repeat applications in these areas for 30 days and until previous applications of CRUISE CONTROL have been activated in the soil by rain or irrigation.

### WEEDS CONTROLLED

CRUISE CONTROL, when applied at recommended rates, will give control of many annual, biennial, and noted (\*) perennial broadleaf weeds commonly found in turf. CRUISE CONTROL will also give growth suppression of many other listed perennial broadleaf weeds and woody brush and vine-species. (Refer to GENERAL WEED LIST.)

### MIXING AND APPLICATION

Apply 30 to 200 gallons of diluted spray per treated acre (3 qts. to 4 ¼ gals. per 1,000 sq. ft.), depending on density or height of weeds treated and on the type of equipment used.

### RATES AND TIMINGS

Use the higher level of listed rate ranges when treating dense vegetative growth.

Weed Stage & Type	CRUISE CONTROL		
	Pints per treated acre	Pounds a.i. per treated acre	Teaspoons per 1000 sq. ft.
<b>Annuals</b>			
Small, actively growing	½-1	¼-1/2	1-2 ¼
Established weed growth	1-1 ½	½-3/4	2 ¼-3 ¼
<b>Biennials,</b>			
<b>Rosette diameter</b>			
Less than 3 inches	½-1	¼-1/2	1-2 ¼
3 inches or more	1-2	½-1	2 ¼-4 ½
<b>Perennials, Woody</b>			
<b>Brush and Vines</b>	1-2	½-1	2 ¼-4 ½

For best performance, apply when weeds are emerged and actively growing.

Retreatments may be made as needed; do not exceed a total of 2 pints (1 lb. a.i.) CRUISE CONTROL per treated acre during a growing season.

### TANK MIX TREATMENTS

Read and follow the label of each tank mix product used for precautionary statements, directions for use, application rates and timings and other restrictions.

Tank mix treatments of CRUISE CONTROL may be made with 2,4-D, MCPA, MCPP, or bromoxynil for control of additional weeds listed on the tank mix product label.

Apply 1/5 to ½ pint (1/10 to ¼ lb. a.i.) of CRUISE CONTROL per treated acre with ½ to 1 ½ lbs. acid equivalent of 2,4-D, MCPA, MCPP, or with 3/8 to ½ lb. a.i. of bromoxynil. Use the higher level of the listed rate ranges when treating established weeds. Repeat treatments may be made as needed; however, do not exceed 2 pints (1 lb. a.i.) of CRUISE CONTROL per treated acre during the growing season.

### GRASS SEED CROPS

#### GRASSES GROWN FOR SEED SUCH AS BERMUDAGRASS, BLUEGRASS, FESCUE AND RYEGRASS

Observe all precautions. Read and follow mixing and application instructions.

Refer to the PASTURE, HAY, RANGELAND, AND GENERAL FARMSTEAD (NON-CROPLAND) section for possible grazing and feeding restrictions.

Do not use on bentgrass unless possible crop injury can be tolerated.

**WEEDS CONTROLLED**

CRUISE CONTROL will provide control or suppression of annual broadleaf weeds listed below. For improved control of listed weeds plus additional weeds, it is recommended that CRUISE CONTROL be applied in a tank mix with other herbicides.

- |                               |                                |
|-------------------------------|--------------------------------|
| Alfalfa <sup>1</sup>          | Hemlock, Poison                |
| Bedstraw, Catchweed           | Knapweed, Russian <sup>1</sup> |
| Bindweed, Field               | Knawel                         |
| Buttercup, Corn               | Knotweed, Prostrate            |
| Buttercup, Creeping           | Kochia                         |
| Buttercup, Western Field      | Ladysthumb                     |
| Catchfly, Nightflowering      | Lambsquarters, Common          |
| Chamomile, Corn               | Lettuce, Prickly               |
| Chickweed, Common             | Mayweed (Dogfennel)            |
| Chickweed, Mouseear           | Ragwort, Tansy                 |
| Clover                        | Sorrel, Red (Sheep Sorrel)     |
| Cockle, White                 | Sowthistle, Annual             |
| Dock, Broadleaf               | Starwort, Little               |
| Dock, Curly                   | Thistle, Canada <sup>1</sup>   |
| <sup>1</sup> Top growth only. |                                |

**RATES AND TIMINGS**

Apply 1/2 to 1 pint of CRUISE CONTROL per treated acre on seedling grass after the crop reaches the 3 to 5 leaf stage. Apply up to 2 pints of CRUISE CONTROL on well-established perennial grass. Do not apply after the grass seed crop begins to joint. For best performance, make applications when weeds are in the 2 to 4 leaf stage and rosettes are less than 2 inches across. Use the higher level of listed rate ranges when treating more mature weeds or dense vegetative growth.

**TANK MIX TREATMENTS**

For control of grasses or additional broadleaf weeds, CRUISE CONTROL may be tank mixed with all broadleaf herbicides registered for use in Grass Seed Production. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

**BROADCAST RATE PER TREATED ACRE**

Apply 1/2 to 2 pints CRUISE CONTROL with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
2,4-D amine or ester	2,4-D	4 lb./gal.	1-4 pts. (0.5-2.0 lbs. a.i./A) <sup>1</sup>
MCPA amine	MCPA	4 lb./gal.	1-2 pts. (0.5-1.0 lb. a.i./A) <sup>1</sup>
BROX™ 2EC Herbicide, Buctril®	bromoxynil <sup>2</sup>	2 lb./gal.	1-2 pts.
Curtail™	clopyralid + 2,4-D	2.38 lb./gal.	1 3/4-4 pts.
Karmex®	diuron <sup>2</sup>	80% DF	2-4 lbs.
Stinger™	clopyralid	3 lb./gal.	1/4-1 pt.

<sup>1</sup>When using formulations other than 4 lb./gal., use pounds active/acre listed.  
<sup>2</sup>Herbicides with the same common name and/or different formulations may be used.

**ANNUAL GRASS CONTROL**

For suppression of annual grass weeds such as:  
 Brome, Downy (Cheatgrass)

Brome, Ripgut  
Fescue, Rattail  
Windgrass

Apply up to 4 pints of CRUISE CONTROL per treated acre in the fall or late summer after harvest and burning of established grass seed crops. Applications should be made immediately following the first irrigation when the soil is moist and before weeds have more than 2 leaves.

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**PREPLANT DIRECTIONS (POST HARVEST/FALLOW/CROP STUBBLE/SET-A-SIDE) FOR  
BROADLEAF WEED CONTROL BEFORE WHEAT, CORN, SORGHUM, SOYBEANS**

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Observe all precautions. Read and follow mixing and application instructions.

**WEEDS CONTROLLED**

CRUISE CONTROL may be applied alone or in tank mix combinations with other herbicides registered for this use.

CRUISE CONTROL can be applied either post harvest in the fall, spring or summer, during the fallow period or to crop stubble/set-a-side acres. CRUISE CONTROL, when applied at the recommended rates, will control many annual broadleaf weeds. See the WEEDS CONTROLLED section under small grains. In addition, CRUISE CONTROL will control or suppress the following biennial and perennial broadleaf weeds:

Alfalfa <sup>1</sup>	Knapweed, Diffuse
Artichoke, Jerusalem	Nightshade, Silver
Bindweed, Field	Redvine
Bindweed, Hedge	Smartweed, Swamp
Blueweed, Texas	Sowthistle, Perennial <sup>1</sup>
Bursage (Bur Ragweed, Povertyweed, Lakeweed) <sup>1</sup>	Spurge, Leafy
Dandelion, Common <sup>1</sup>	Thistle, Bull
Dock, Curly <sup>1</sup>	Thistle, Canada <sup>2</sup>
Dogbane, Hemp	Thistle, Milk
Garlic, Wild <sup>2</sup>	Thistle, Musk
Horsenettle, Carolina	Thistle, Plumeless
Knapweed, Spotted	Thistle, Scotch
	Trumpet creeper (Buckvine)

<sup>1</sup>Perennials may be controlled using CRUISE CONTROL at rates lower than those recommended for other listed perennial weeds. (See RATES AND TIMINGS under this heading).

<sup>2</sup>See the SPECIAL TANK MIX TREATMENTS section under this heading for specific control programs for these weeds.

**RATES AND TIMINGS**

Apply CRUISE CONTROL as a broadcast or spot treatment to emerged and actively growing weeds after crop harvest (post harvest) and before a killing frost or in the fallow cropland or crop stubble the following spring or summer. Agriculturally approved spray additives, such as surfactants or oils, may be used to enhance spray coverage and the herbicide's penetration of weed foliage. See CROPPING RESTRICTIONS for recommended interval between application and planting to prevent crop injury.

For best performance, make application when annual weeds are less than 6 inches tall, when biennial weeds are in the rosette stage, and to perennial weed regrowth in late summer or fall following a mowing or tillage treatment. Most effective control of upright perennial broadleaf weeds, such as Canada thistle and Jerusalem artichoke, occurs if application is made when the majority of weeds, such as field bindweed and hedge bindweed, are in or beyond the full bloom stage.

Avoid disturbing treated areas following application. Treatments may not kill weeds which develop from seed or underground plant parts, such as rhizomes or bulblets, after the effective period for CRUISE CONTROL. For seedling control, a follow-up program or other cultural practices could be instituted. For small grain in-crop uses of CRUISE CONTROL, see the RATES AND TIMINGS section under the SMALL GRAINS heading for details.

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**CRUISE CONTROL RATES PER TREATED ACRE**

Weed Type	Amount of Product Per Acre
Annual	½-1 pt. (8 to 16 fl. oz.)
Biennial	1-2 pts. (16 to 32 fl. oz.)
Perennial	1-4 pts. (16 to 64 fl. oz.)
Perennial suppression	1-2 pts. (16 to 32 fl. oz.)
Noted* perennials	2-4 pts. (32 to 64 fl. oz.)
Other perennials	4 pts. (64 fl. oz.)

Retreatments may be made as needed; however, do not exceed a total of 4 pints of CRUISE CONTROL per treated acre during any given period.

**TANK MIX TREATMENTS**

CRUISE CONTROL may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled, geographic and other restrictions.

**CRUISE CONTROL BROADCAST RATE PER TREATED ACRE FOR ANNUAL WEED CONTROL**

Apply ¼ to 1 pint CRUISE CONTROL with:

Product	Active Ingredient	Formulation	Amount of Product Per Acre
Aatrex® 4L <sup>1</sup>	atrazine	4 lb./gal.	0.5-6 pts.
Aatrex® Nine-O® <sup>1</sup>	atrazine	90% DF	0.5-3 1/3 lb.
Ally® <sup>2</sup>	metsulfuron-methyl	75% DF	0.1 oz.
Amber® <sup>2</sup>	triasulfuron	75% DF	0.28-0.35 oz.
Cyclone®	paraquat	2 lb./gal.	1-2 pts.
Fallow Star™ or Fallow Master™	glyphosate + dicamba	1.6 lb./gal.	22-44 fl. oz.
Finesse® <sup>2</sup>	chlorsulfuron + metsulfuron-methyl	75% DF	0.2 oz.
Gramoxone® Extra	paraquat	2.5 lb./gal.	1.5 pts.
Landmaster® BW	glyphosate + 2,4-D	2.4 lb./gal.	27-54 fl. oz.
Gly Star™ Original, Roundup® or Roundup® RT	glyphosate	3 lb./gal.	8-48 fl. oz.
Sencor® DF <sup>1</sup>	metribuzin	75% DF	0.5-1 lb.
Sencor® 4 <sup>1</sup>	metribuzin	4 lb./gal.	0.75-1.5 pts.
2,4-D	2,4-D	4 lb./gal.	1-2 pts. (0.5-1 lb. a.i./A) <sup>3</sup>

<sup>1</sup>Tank mixes of CRUISE CONTROL with these products may be subject to special restrictions. See the product label of the tank mix partner for intended use rates, restrictions and other precautions.

<sup>2</sup>When tank mixing with sulfonylurea herbicides, refer to the product label for rates and restrictions. Use a surfactant of at least 80% active ingredient at the rate of 1-2 quarts/100 gallons of spray or not more than 0.25-0.5% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature weeds or dense vegetative growth. Sulfonylurea-resistant weeds may not be controlled by tank mixes of CRUISE CONTROL and a sulfonylurea. Refer to the CRUISE CONTROL tank mix section for alternative tank mixes.

<sup>3</sup>When using formulations other than 4 lb./gal., use pounds active/acre listed.

**CRUISE CONTROL BROADCAST RATE PER TREATED ACRE FOR BIENNIAL AND PERENNIAL WEED CONTROL**

Apply 1 to 4 pints of CRUISE CONTROL with:

Product	Active Ingredient	Formulation	Amount of Product
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			Per Acre
Curtail™	clopyralid + 2,4-D	2.38 lb./gal.	2-4 pts.
2,4-D	2,4-D	4 lb./gal.	2-6 pts. (1.0-3 lbs. a.i./A) <sup>1</sup>
Landmaster® BW	glyphosate + 2,4-D	2.4 lb./gal.	54 fl. oz.
Gly Star™ Original, Roundup®	glyphosate	3 lb./gal.	1-5 qts.
Roundup® RT	glyphosate	3 lb./gal.	1-5 qts.
Tordon™ 22K	pictoram	2 lb./gal.	½-1 pt.

<sup>1</sup>When using formulations other than 4 lb./gal., use pounds active/acre listed.

**SPECIAL TANK MIX TREATMENTS**

For suppression of perennial weeds, apply ½-1 pint of CRUISE CONTROL with 8-16 fluid ounces of Gly Star™ Original, Roundup® or Roundup® RT per treated acre.

For wild garlic control, apply 1 pint CRUISE CONTROL with 3 pints of 2,4-D LV ester (4 lb./gal.) per treated acre. Apply when wild garlic is 4 to 8 inches tall.

For Canada thistle control, use CRUISE CONTROL, CRUISE CONTROL plus Curtail™, or CRUISE CONTROL plus Gly Star™ Original, Roundup® or Roundup® RT tank mix treatments.

Application may be made during fallow periods for control of volunteer barley, bulbous bluegrass, downy brome, jointed goatgrass, common rye and volunteer wheat when they are actively growing. Use 1 pint CRUISE CONTROL with ½-1 lb. Kerb® 50-W. Fall seeded wheat may be planted 9 months or more after application. For best performance, make application between mid-October and mid-December, prior to soil freeze up.

During fallow periods, apply CRUISE CONTROL plus Landmaster® BW, Fallow Star™ or Fallow Master™ to give improved control of kochia, wild buckwheat, prickly lettuce, field bindweed and Canada thistle. Use 1/8-1/4 pint of CRUISE CONTROL plus 22-54 fluid ounces of Landmaster® BW, Fallow Star™ or Fallow Master™ for annual weed control or ¼-1/2 pint CRUISE CONTROL plus 22-54 fluid ounces of Landmaster® BW, Fallow Star™ or Fallow Master™ for perennial weed suppression.

**CROPPING RESTRICTIONS**

The following recommendations are based on CRUISE CONTROL use rates up to 4 pints per treated acre.

Corn, sorghum, and soybeans may be planted in the spring following applications made during the previous year. If less than 1 inch of rainfall occurs between application and first killing frost, treated areas should be cultivated to allow herbicide to come in contact with moist soil. Cultivation may take place before or immediately after ground thaw.

Soybean injury may occur if the interval between application and planting is less than specified. In areas with greater than 30 inches of rainfall, delay planting for 30 days per pint of CRUISE CONTROL per treated acre. In areas with less than 30 inches of rainfall, delay planting for 45 days per pint of CRUISE CONTROL per treated acre. Exclude days when ground is frozen.

Wheat may be planted in the fall or spring following applications. Also, spot application may be made any time prior to crop emergence if crop injury can be tolerated in treated areas. Wheat injury may occur if the interval between application and planting is less than specified.

East of the Mississippi River, the interval is 20 days per pint of CRUISE CONTROL per treated acre or 1.25 days per 1 ounce. Moisture is essential for CRUISE CONTROL degradation. Exclude days when ground is frozen.

West of the Mississippi River, the interval is 45 days per pint of CRUISE CONTROL per treated acre or 3 days per ounce. Moisture is essential for CRUISE CONTROL degradation. Exclude days when ground is frozen.

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Following a normal harvest of barley, oats, or wheat, any rotational crop may be planted. If the interval before harvest is shortened, such as when cover crops will be plowed under, do not follow up with the planting of a sensitive crop.

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**COTTON**

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**PREPLANT APPLICATION**

Observe all precautions. Read and follow mixing and application instructions. Refer to the GENERAL WEED LIST section of this label for a list of weeds controlled or suppressed.

**RATES AND TIMINGS**

Apply CRUISE CONTROL as a broadcast or spot treatment to emerged and actively growing weeds at a rate of up to 8 fl. oz./acre prior to planting cotton. Most effective control of weeds occurs if application is made when weeds are in the 2-4 leaf stage and rosettes are less than 2" across.

**CROPPING RESTRICTIONS**

Do not plant cotton for at least 21 days after application and after allowing for a minimum accumulation of 1" of rainfall or overhead irrigation. Do not apply west of the Rockies or to geographic areas with average annual rainfall less than 25".

**TANK MIX TREATMENTS**

For control of grasses or additional broadleaf weeds, CRUISE CONTROL may be tank mixed with Caparol<sup>®</sup>, Gramoxone<sup>®</sup> Extra, and Roundup Ultra<sup>®</sup> RT herbicides.

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**CONTROL OF PERENNIAL BROADLEAF WEEDS IN CROPLAND  
(SPOT APPLICATION ONLY)**

**FOR USE ONLY IN THE STATES OF IDAHO, MONTANA, NEVADA, OREGON, UTAH, AND WASHINGTON**

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Observe all precautions. Read and follow mixing and application instructions.

Do not treat subirrigated cropland or areas where the soil remains saturated with water throughout the year.

Make only one application of CRUISE CONTROL per year.

**WEEDS CONTROLLED**

CRUISE CONTROL, when applied at recommended rates, will control many broadleaf weeds including:

- |                              |                   |
|------------------------------|-------------------|
| Bindweed, Field              | Knapweed, Russian |
| Dock, Broadleaf (Bitterdock) | Ragwort, Tansy    |
| Dock, Curly                  | Spurge, Leafy     |
| Knapweed, Black              | Thistle, Canada   |

**RATES AND TIMINGS**

CRUISE CONTROL may be applied at any time following a crop harvest to stubble, fallow or other cropland. Application should be made when weeds are actively growing and prior to a killing frost.

Apply 2 quarts (2 lbs. a.i.) of CRUISE CONTROL per treated acre. Application may be made up to one month prior to the planting of wheat.

NOTE: Do not use unless injury to wheat or rotated barley will be acceptable.

Barley, oats, corn, sorghum (milo), annual or perennial grass crops may be planted into treated areas one year after application. Crops grown for seed (other than perennial grass seed) should not be planted into treated areas until three years after application. Do not plant broadleaf crops such as alfalfa, beans, peas, potatoes, or sugar beets into treated areas until two years after application.

In most cases, treatments will not kill perennial weed seedlings which germinate from seed one or two years after treatment. Once the effect of the chemical has been lost, a follow-up program for seedling control or other cultural practices should be instituted.

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#### WIPER APPLICATION USES

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Important. Observe all precautions. CRUISE CONTROL may be applied through wiper application equipment to control or suppress actively growing broadleaf weeds, brush and vines. Use a solution containing 1 part CRUISE CONTROL to 1 part water. Do not contact desirable vegetation with herbicide solution. Wiper application should only be made to crops (including PASTURES) and NON-CROPLAND AREAS described in this label with the exception of GRAIN SORGHUM (MILO).

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#### RIGHTS-OF-WAY, UTILITY AND INDUSTRIAL AREAS

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CRUISE CONTROL is recommended for use on non-cropland areas such as rights-of-way (such as roadways, rest areas, utility, railroad, highway, pipeline, and rights-of-way that run through pasture and rangeland); utility facilities (such as substations, pipelines, tank farms, pumping stations, parking and storage areas, fencerows, and non-irrigated ditch banks).

Observe all precautions. Read and follow mixing and application instructions.

#### RIGHTS-OF-WAY

CRUISE CONTROL can be used to control many broadleaf weeds on rights-of-way. This use includes applications to roadsides, roadway and highways; to areas along utilities such as cable and power lines; railroad track and embankments; highways; highway medians; bridge abutments, pipelines, and rights-of-way that run through pasture and rangeland. If applied to rights-of-way that run through pasture and rangeland, observe grazing restrictions. Use controlled application techniques that minimize the risk of off-target movement.

#### UTILITY AND INDUSTRIAL AREAS

CRUISE CONTROL can be used to control many broadleaf weeds and brush in noncrop areas on or surrounding substations, pipelines, tank farms, pump stations, production facilities, and bare ground situations. It may also be used on parking and storage areas (refer to Ground and Surface Water Protection section of label to avoid direct run off to surface waters).

NOTE: Observe all precautions and restrictions on labels of products used in tank mixtures.

#### MIXING AND APPLICATION

CRUISE CONTROL can be applied using water, oil in water emulsions including invert systems, or sprayable fluid fertilizer as a carrier. A compatibility test (see COMPATIBILITY TEST section) should be made prior to tank mixing.

To prepare oil in water emulsions, half-fill spray tank with water. Then add the appropriate amount of emulsifier with continuous agitation. Slowly add the herbicide and then the oil (such as diesel oil or fuel oil) or a premix of oil plus additional emulsifier to spray tank. Complete filling of spray tank with water. Maintain vigorous agitation during spray operation to prevent oil and water from forming separate layers.

CRUISE CONTROL may be applied broadcast using either ground or aerial application equipment. When using ground equipment, apply 3 to 600 gallons of diluted spray per treated acre. Volume of spray applied will depend on the height, density, and type of weeds or brush being treated and on the type of equipment being used. When using aerial equipment, apply 1 to 40 gallons of diluted spray per treated acre in a water-based carrier.

CRUISE CONTROL may be applied to individual clumps or small areas (spot treatment) of undesirable vegetation using handgun or similar types of application equipment. Apply diluted sprays to allow complete wetting (up to run-off) of foliage and stems.

Herbicide adjuvants or other spray additives (emulsifiers, surfactants, wetting agents, drift control agents, or penetrants) may be used for wetting, penetration, or drift control. Spray additives must be agriculturally approved when used in pasture applications. If spray additives are used, read and follow all use recommendations and precautions on product label.

### WEEDS AND BRUSH CONTROLLED

CRUISE CONTROL, when applied at recommended rates, will give control of many annual, biennials, and perennial broadleaf weeds, and many woody brush and vine species commonly found in non-cropland areas. (Refer to GENERAL WEED LIST.) Perennial weeds noted with an asterisk (\*) may be controlled with lower rates of CRUISE CONTROL or CRUISE CONTROL plus tank mix combinations. See RATES AND TIMINGS below.

### RATES AND TIMINGS

Application rates and timing of CRUISE CONTROL are given below. Use the higher level of listed rate ranges when treating dense or tall vegetative growth.

Weed Stage & Type	Product Amount per Acre	Gals. of Spray Mixture Per Acre**	Spray Concentration for use with Low Volume Application****
<b>Annual</b>			
Small, actively growing	½-1 pt.	25-50	3
Established weed growth	1-1 ½ pts.	50-75	3
<b>Biennial</b>			
<b>Rosette diameter</b>			
Less than 3 inches	½-1 pt.	25-50	3-4
3 inches or more	1-2 pts.	50-100	3-4
Bolting	2 pts.	100-150	3-4
<b>Perennial</b>			
Suppression or top growth control	1-2 pts.	50-100	4
Noted (*) Perennials	2 pts.	100-200	4
<b>Other Perennials</b>	2 pts.	200	6
<b>Woody Brush &amp; Vines***</b>			
Top growth	½-2 pts.	50-200	5
Stems and roots	2 pts.	200	5

\*For best performance, make application when biennial weeds are in the rosette stage.

\*\*Assuming typical application rate of 2 pints CRUISE CONTROL /100 gals.

\*\*\*Tank mixes may be required for optimal control. Refer to GENERAL WEED LIST section.

\*\*\*\*Low volume rates must not exceed 4 pts. of CRUISE CONTROL maximum per acre per year (5% volume/volume = 10 gals. maximum solution per acre per year).

Retreatments may be made as needed; however, do not exceed a total of 4 pints (2 lbs. a.i.) of CRUISE CONTROL per treated acre during a growing season.

### TANK MIX TREATMENTS

This product cannot be mixed with any product containing a label prohibition against such mixing.

The following table lists other herbicides for additional weed control CRUISE CONTROL may be tank mixed with for use on RIGHTS-OF-WAY, UTILITY AND INDUSTRIAL AREAS in accordance with the most restrictive of label limitations and precautions.

Read and follow the label of each tank mix product used for precautionary statements, directions for use, application rates and other restrictions. Consult product labels for rate recommendations for tank mix partner. No label dosage rates should be exceeded.

HERBICIDE	RATES PER TREATED ACRE (lbs. a.i.)
Norflurazon (Predict)	
Prodiamine (Endurance)	
Glufosinate (Finale)	
Glyphosate (Roundup, Accord, Gly Star Plus)	
Metsulfuron-methyl (Escort)	
Pendimethalin (Pendulum)	
Triclopyr (Redeem, Garlon)	
Clopyralid (Transline)	
Bromacil (Hyvar)	
Chlorsulfuron (Telar)	
Diquat (Reward)	
Simazine (Princep)	
Diuron (Karmex)	
DSMA	
Fosamine ammonium (Krenite)	
Hexazinone (Velpar)	
Imazapyr (Arsenal)	
Imazameth (Plateau)	
MSMA	
Sulfometuron-methyl (Oust)	
Sulfosate (Touchdown)	
Tebuthiuron (Spike)	
2,4-D	

Consult product labels for  
rate recommendations

Due to variations that may occur in formulated products and specific use ingredients (e.g. water supplies), a compatibility test (see COMPATIBILITY TEST section) is recommended prior to actual tank mixing.

#### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. This product may not be mixed, loaded, or used within 50 feet of all wells including abandoned wells, drainage wells, and sinkholes.

#### PESTICIDE STORAGE

Store in original container in a well-ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained and absorbed with clay granules, sawdust, or equivalent material for disposal.

#### PESTICIDE DISPOSAL

Triple rinse pesticide from containers and use rinsates in the pesticide application. Wastes which cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

#### CONTAINER DISPOSAL

**[NONREFILLABLE CONTAINERS]:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

(Nonrefillable  $\leq$  5 gallons): 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  $\frac{1}{4}$  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 if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(Nonrefillable > 5 gallons): Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**[REFILLABLE CONTAINERS]:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

To the extent consistent with applicable law, upon purchase or use of this product, purchaser and user agree to the following terms:

**Warranty:** Alligare, LLC (the Company) warrants that this product conforms to the chemical description on the label in all material respects and is reasonably fit for the purpose referred to in the directions for use, subject to the exceptions noted below, which are beyond the Company's control. To the extent consistent with applicable law, the Company makes no other representation or warranty, express or implied, concerning the product, including no implied warranty of merchantability or fitness for a particular purpose. To the extent consistent with applicable law, no such warranty shall be implied by law, and no agent or representative is authorized to make any such warranty on the Company's behalf.

**Terms of Sale:** The Company's directions for use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, and the manner of use or application (including failure to adhere to label directions), all of which are beyond the Company's control. To the extent consistent with applicable law, all such risks are assumed by the user.

**Limitation of Liability:** To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damages, and in no event shall damages or any other recovery of any kind exceed the price of the product which caused the alleged loss, damage, injury or other claim. To the extent consistent with applicable law, under no circumstances shall the Company be liable for any special, indirect, incidental or consequential damages of any kind, including loss of profits or income. Some states do not allow the exclusion or limitation of incidental or consequential damages.

The Company and the seller offer this product, and the purchaser and user accept this product, subject to the foregoing warranty, terms of sale and limitation of liability, which may be varied or modified only by an agreement in writing signed on behalf of the Company by an authorized representative.

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