

2022-0975  
2022-03-04

GROUP	2	HERBICIDE
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AC 299, 263 70 WDG

Water Dispersible Granular  
Herbicide

AGRICULTURAL

(FOR SALE FOR USE IN EASTERN CANADA ONLY)

GUARANTEE: imazamox 70% a.e.

Warning, contains the allergen sulfites

REGISTRATION NO. 25110

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 365 g (5 x 73 g soluble bags)

WARNING: EYE IRRITANT

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY  
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT  
1-800-454-2673

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING  
KEEP OUT OF REACH OF CHILDREN

DO NOT SELL INDIVIDUAL WATER SOLUBLE BAGS SEPARATELY

BASF Canada Inc.  
5025 Creekbank Road  
Building A, 2<sup>nd</sup> Floor  
Mississauga, Ontario L4W 0B6  
1-877-371-2273

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## **PRECAUTIONS**

KEEP OUT OF REACH OF CHILDREN.

Skin irritant.

WARNING - EYE IRRITANT

May cause eye damage.

For good hygiene practices, wear chemical resistant gloves during mixing/loading, cleanup and repair activities.

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

## **ENVIRONMENTAL HAZARDS**

TOXIC to non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.

## **FIRST AID**

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

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**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

## **TOXICOLOGICAL INFORMATION**

Treat symptomatically.

## **DISPOSAL**

1. Make the empty container unsuitable for further use.
2. Dispose of the container in accordance with provincial requirements.
3. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

## **STORAGE**

Store above 5°C.

Store in a cool, dry place away from children, animals, food, feed or fertilizers. Keep unused water soluble bags in resealed original container. Keep packages dry at all time. Keep packages out of rain. Keep from freezing.

## **NOTICE TO USER**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

## FOR SOYBEANS

### DIRECTIONS FOR USE (Eastern Canada Only)

AC 299, 263 70 WDG is a selective herbicide that can be applied as an early post-emergence treatment (cotyledon to 4-leaf stage) in soybeans. When AC 299, 263 70 WDG is applied early post-emergence, absorption may occur through both the roots and foliage. Susceptible weeds stop growing and eventually die. Initial transient crop yellowing may be observed after application but this is outgrown and should not affect yield.

Do not apply more than once per year.

DO NOT graze the treated crops or cut for hay within 20 days of application.

Pre-harvest Interval: After 60 days, soybeans can be harvested.

### Field Sprayer Application

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

### Buffer Zones

Use of the following spray methods or equipment DO NOT require a buffer zone: hand-held or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands).

Method of Application	Crop	Buffer zones (metres) Required for the Protection of Terrestrial Habitat:
Field sprayer	Soybeans	1

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The spray drift buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pesticides and Pest Management portion of the Health Canada website.

### **BROADLEAF WEED and GRASS CONTROL**

Application must be made after the weeds have emerged. To control broadleaf weeds, apply AC 299, 263 70 WDG from the cotyledon to 4 leaf stage. To control grasses, apply AC 299, 263 70 WDG to green and yellow foxtail when in the 1-4 true leaf stage and to barnyard grass and fall panicum when in the 3-6 leaf stage.

AC 299, 263 70 WDG herbicide at 36 g product/Ha (25 g a.e./ha) will control:	
Common ragweed*	Green foxtail
Lady's thumb	Yellow foxtail
Lamb's-quarters*	Barnyard grass
Redroot pigweed	Fall panicum
Velvetleaf	
Wild mustard	
Cocklebur*	
Eastern black nightshade	
*Suppression only	

Apply in 200 L/ha of water with a NONIONIC SURFACTANT (AGRAL®, AGSURF® or SURF® 92) at the rate of 0.25% percent v/v and a fertilizer solution, 28-0-0 or 32-0-0, at a rate of 2 L/ha.

### **TANK-MIXING**

AC 299, 263 70 WDG may be tank mixed with BASAGRAN FORT®. Apply when broadleaf weeds are in the cotyledon to 4 leaf stage, green and yellow foxtail are in the 1-4 true leaf stage and barnyard grass and fall panicum are in the 3-6 leaf stage. Follow all recommendations, precautions and restrictions on the BASAGRAN FORTE label.

AC 299, 263 70 WDG herbicide at 36 g product/ha (25 g a.e./ha) + BASAGRAN FORTE at 1.25 L product/ha (0.6 kg a.e./ha) will control:	
Common ragweed	Green foxtail
Lady's thumb	Yellow foxtail
Lamb's-quarters	Barnyard grass
Redroot pigweed	Fall panicum*
Velvetleaf	
Wild mustard	
Cocklebur**	

Eastern black nightshade
Note: *Tankmixing AC 299, 263 70 WDG with BASAGRAN FORTE may result in a reduction in fall panicum control. Under heavy infestations of fall panicum, field monitoring and application of a sequential post-emergence grass herbicide is recommended if escapes are detected. **Suppression only

AC 299, 263 70 WDG may be tank mixed with REFLEX®. Apply when broadleaf weeds are in the cotyledon to 4-leaf stage, green and yellow foxtail are in the 1-4 true leaf stage and barnyard grass and fall panicum are in the 3-6 leaf stage. Follow all recommendations, precautions and restrictions on the REFLEX label.

AC 299, 263 70 WDG herbicide at 36 g product/ha (25 g a.e./ha) + REFLEX at 0.83 L product/ha (200 g a.e./ha) will control:	
Common ragweed	Green foxtail**
Lady's thumb	Yellow foxtail**
Lamb's-quarters	Barnyard grass
Redroot pigweed	Fall panicum*
Velvetleaf	
Wild mustard	
Cocklebur*	
Eastern black nightshade	
Note: *Suppression only *Tankmixing AC 299, 263 70 WDG with REFLEX may result in a reduction in the control of green and yellow foxtail.	

## MIXING INSTRUCTIONS

Use 200 L/ha of water. Use a 50 mesh (or coarser) filter screen. Fill the spray tank with three-quarters of the required amount of clean water, start agitation and continue agitation throughout the entire mixing and spraying procedure. Add the required amount of AC 299, 263 70 WDG soluble bag(s) directly into the sprayer through the tank opening. Agitate for at least ten minutes to dissolve the herbicide. After the herbicide is dissolved, continue agitation and add the required amount of non-ionic surfactant plus fertilizer. If excess foaming occurs, a silicone anti-foaming agent may be added (e.g. HALT®). Complete filling the tank to the desired level with water. If agitation is stopped for more than 5 minutes, re-suspend spray solution by full agitation prior to commencing spraying again. Between loads of AC 299, 263 70 WDG, check in-line and nozzle screens and rinse and clean if necessary. Upon completion of spraying AC 299, 263 70 WDG, thoroughly flush tank, boom, hoses and in-line and nozzle screens with clean water to avoid possible injury to other crops.

## TANKMIXING INSTRUCTIONS

When tankmixing with BASAGRAN FORTE or REFLEX, add the AC 299, 263 70 WDG first and follow instructions above. Make sure the AC 299, 263 70 WDG has been completely dissolved before adding the BASAGRAN FORTE or REFLEX. Do not add non-ionic surfactant when tankmixing AC 299, 263 70 WDG with BASAGRAN FORTE.

## SURFACTANT and FERTILIZER CHART

### For 1000 L of spray solution

USE: SURFACTANT (L) Such as + FERTILIZER* (L)		
AGRAL	2.5	10
AGSURF	2.5	10
SURF 92	2.5	10
* e.g., 28-0-0; 32-0-0		

## FOLLOW CROPPING

The following crops may be grown safely the year following an application:

Soybeans  
Imazethapyr tolerant canola  
Field corn  
Spring barley  
Oats

Winter wheat (Winter wheat should not be planted within 100 days of the last AC 299, 263 70 WDG application).  
Processing tomatoes (transplanted)

For tankmixes, refer to the tank-mix partner label for further follow crop restrictions. Always follow the most restrictive crop rotation guidelines on the label of each product used. There are insufficient data for other follow crops. Conduct a field bioassay (a test strip grown to maturity) the year before growing any crop other than those listed above.

In cases of crop failure, only soybeans may be re-planted in the year of application.

## RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, AC 299, 263 70 WDG is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to AC 299, 263 70 WDG and other Group 2 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not

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linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of AC 299, 263 70 WDG or other Group 2 herbicides with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.
- Monitor treated weed populations for resistance development.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact BASF at 1-877-371-2273.

®All other products listed are registered trademarks of their respective companies.



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Approved Container (imazamox re-evaluation [2016-3409]), November 28, 2016

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Herbicide

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GUARANTEE: imazamox 70% a.e.

Warning, contains the allergen sulfites

REGISTRATION NO. 25110

PEST CONTROL PRODUCTS ACT

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Building A, 2<sup>nd</sup> Floor  
Mississauga, Ontario L4W 0B6  
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Approved Water Soluble Bag (imazamox re-evaluation [2016-3409]), November 28, 2016

AC 299, 263 70 WDG

70% Water Dispersible Granular Herbicide

AGRICULTURAL

NET CONTENTS: 73 g

Guarantee: imazamox 70% active (a.e.)

Warning, contains the allergen sulfites

WARNING - EYE IRRITANT

KEEP OUT OF REACH OF CHILDREN