

# Clearcast® 2.7G

Herbicide

**SPECIMEN**

**SePRO**

For the control of vegetation in aquatic sites

**Active Ingredient**  
imazamox 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1-H-imidazol-2-yl]-5-(methoxymethyl)-3-pyridinecarboxylic acid† ..... 2.7%

**Other Ingredients** ..... 97.3%

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

† Equivalent to 0.135 pound active ingredient as the free acid per five pounds of product.

**Keep Out of Reach of Children**  
**CAUTION / PRECAUCIÓN**

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.)

Refer to the inside of label booklet for additional precautionary information and Directions for Use including First Aid and Storage and Disposal.

**NOTICE:** Read the entire label before using. Use only according to label directions. Before buying or using this product, read Terms and Conditions of Use, Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies inside label booklet.

Clearcast is a registered trademark of BASF Corporation  
Manufactured for: **SePRO Corporation**  
11550 North Meridian Street, Suite 600  
Carmel, IN 46032, U.S.A. EPA Reg. No. 241-439-67690  
FPL030410

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION.** Causes moderate eye irritation. Avoid contact with eyes or clothing.

### KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this 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 eyes 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 eyes.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"><li>Take off contaminated clothing.</li><li>Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>Call a poison control center or doctor for treatment advice.</li></ul>
<b>If inhaled</b>	<ul style="list-style-type: none"><li>Move person to fresh air.</li><li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>Call a poison control center or doctor for further treatment advice.</li></ul>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving this product, call **INFOTRAC at 1-800-535-5053.**

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

#### Applicators and other handlers must wear:

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

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

### USER SAFETY RECOMMENDATIONS

#### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide may be hazardous to plants outside the treated area. Do not apply to water except as specified in this label. Do not contaminate water when disposing of equipment washwaters and rinsate.

### DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This labeling must be in the possession of the user at the time of pesticide application.

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.

Ensure drift to nontarget species does not occur.

Do not apply Clearcast® 2.7G Herbicide in any manner not specifically described in this label.

Observe all cautions and limitations on this label and on the labels of products used in combination with Clearcast 2.7G. Do not use Clearcast 2.7G other than in accordance with the instructions set forth on this label. Keep containers closed to avoid spills and contamination.

### IN CASE OF SPILL

In case of large-scale spillage regarding this product, call INFOTRAC at 1-800-535-5053

### GENERAL INFORMATION

Clearcast 2.7G is a granular formulation that may be applied directly to water for the control/suppression of certain submerged, floating and emergent aquatic vegetation. Aquatic sites that may be treated include estuarine and marine sites, ponds, lakes, reservoirs, wetlands, marshes, swamps, bayous, arroyos, ditches, canals, streams, rivers, creeks and other slow-moving or quiescent bodies of water. Clearcast 2.7G may also be used during drawdown conditions.

Clearcast 2.7G is quickly absorbed by foliage and/or plant roots and rapidly translocated to the growing points stopping growth. Susceptible plants may develop a yellow appearance or general discoloration and will eventually die or be severely growth inhibited.

Clearcast 2.7G is herbicidally active on many submerged, emergent and floating broadleaf and monocot aquatic plants. The relative levels of control and selectivity can be manipulated by using a choice of rates.

To help maintain the utility of herbicide programs, the use of herbicides with different modes of action is effective in managing weed resistance.

### APPLICATION DIRECTIONS

Apply Clearcast 2.7G directly to the water for the control of submerged aquatic plant species and some emergent and floating species.

#### Do not exceed maximum use rate per application:

- Water treatment - 500 ppb (50 pounds of Clearcast 2.7G per acre foot)
- Clearcast 2.7G may be applied via surface and aerial equipment including both fixed-wing aircraft and helicopter.

**Surface Application**

**Application to water targeting submerged and/or emergent/floating vegetation.** Broadcast apply Clearcast 2.7G to the water surface.

Apply Clearcast 2.7G to water to achieve a final concentration of the active ingredient of no more than 500 ppb. Multiple applications of Clearcast 2.7G may be made during the annual growth cycle to maintain the desired vegetation response.

TABLE 1 Clearcast 2.7G Rates Per Treated Surface Acre				
Average Water Depth of Treatment Site (feet)	Desired Active Ingredient Concentration (ppb) <sup>†</sup>			
	50	100	200	500
Clearcast 2.7G Rate per Treated Surface Acre (pounds)				
1	5	9	20	50
2	10	20	40	100
3	15	30	60	150
4	20	40	80	200
5	25	50	100	250
6	30	60	120	300
7	35	70	140	350
8	40	80	160	400
9	45	90	180	450
10	50	100	200	500

<sup>†</sup> 5.0 pounds of Clearcast 2.7G contains 0.135 pound of active ingredient.

**Aerial Application**

Clearcast 2.7G may be applied by both fixed wing aircraft and helicopter.

**Drawdown Application**

Clearcast 2.7G may be used in drawdown situations to provide preemergence control/suppression of aquatic vegetation. Apply Clearcast 2.7G as a broadcast application at rates up to 18.5 lbs/A. Applications should be made when water has receded and exposed soil is moist to dry. When treating irrigation canals, the initial flush of recharge water after application must not be used for irrigation purposes.

**RESTRICTION AND LIMITATIONS**

- Do not apply Clearcast 2.7G to achieve a total active ingredient concentration in the water greater than 500 ppb.
- Do not apply more than 18.5 lbs/A of Clearcast 2.7G per drawdown treatment.

**Irrigation Restrictions**

- Do not use treated water to irrigate greenhouses, nurseries or hydroponics.
- Do not plant non-CLEARFIELD® canola, onions, potatoes, or sugar beets in soils that have been previously irrigated with Clearcast 2.7G-treated water until a soil bioassay successfully demonstrates acceptable levels of crop tolerance.
- Do not use any Clearcast 2.7G-treated waters from still or quiescent sources for irrigation purposes less than 24 hours after Clearcast 2.7G application is completed.
- Waters receiving Clearcast 2.7G treatment may be used for irrigation as long as concentrations are ≤ 50 ppb. Treated waters resulting in concentrations > 50 ppb may not be used for irrigation until residue levels have been shown to be ≤ 50 ppb by an acceptable method.
- After application of Clearcast 2.7G to dry irrigation canals/ditches, the initial flush of water during recharge must not be used for irrigation purposes.

**Other Water Use Restrictions**

There are no restrictions on livestock watering, swimming, fishing, domestic use, or use of treated water for agricultural sprays.

**Potable Water**

Clearcast 2.7G may be applied to potable water sources at concentrations up to 500 ppb to within a distance of ¼ mile from an active potable water intake. Within ¼ mile of an active potable water intake, Clearcast 2.7G may be applied, but water concentrations may not exceed 50 ppb. If water concentrations greater than 50 ppb are required, the potable water intake must be shut and, if necessary, an alternate water supply be made available until the water concentration can be shown to be less than 50 ppb by an acceptable method.

**Endangered Plant Species**

To prevent potential negative impacts to endangered plant species, do not apply Clearcast 2.7G in a way that adversely affects federally listed endangered and threatened species.

TABLE 2 Emergent and Floating Species Controlled with Clearcast 2.7G			
Common Name	Scientific Name	Rate (ppb)	Comments
Frogbit	<i>Lymnobium spongia</i>	50 to 100	
Water hyacinth	<i>Eichhornia crassipes</i>	50 to 100	
Watershield	<i>Brasenia schreberi</i>	50 to 100	

TABLE 3 Submersed Species Controlled with Clearcast 2.7G			
Common Name	Scientific Name	Rate (ppb)	Comments
Bladderwort	<i>Utricularia floridana</i> <i>U. inflata</i>	50 to 100	
Eurasian watermilfoil <sup>1</sup>	<i>Myriophyllum spicatum</i>	100 to 200	See <i>Special Weed Control</i> for application directions.
Hydrilla <sup>2</sup>	<i>Hydrilla verticillata</i>	150 to 200	See <i>Special Weed Control</i> for application directions.
Northern watermilfoil	<i>Myriophyllum exalbescens</i>	100 to 200	
Pondweed, American flat stemmed leafy Illinois small variable-leaf clasping largeleaf	<i>Potamogeton</i> spp. <i>P. nodosus</i> <i>P. zosteriformis</i> <i>P. foliosus</i> <i>P. illinoensis</i> <i>P. pusillus</i> <i>P. gramineus</i> <i>P. diversifolius</i> <i>P. perfoliatus</i> <i>P. amplifolius</i>	50 to 100	
Pondweed, curlyleaf	<i>Potamogeton crispus</i>	50	
Pondweed, sago <sup>3</sup>	<i>Potamogeton pectinatus</i> <i>Stuckenia pectinatus</i>	100	See <i>Special Weed Control</i> for application directions.
Spikerush	<i>Eleocharis</i> spp.	200	Apply as a spot treatment, concentrating the application in the area of the spikerush prior to emergence.
Variable-leaf milfoil	<i>Myriophyllum heterophyllum</i>	100 to 200	
Water stargrass	<i>Heteranthera dubia</i>	100	
Widgeon grass	<i>Ruppia maritima</i>	200	

**SPECIAL WEED CONTROL**

<sup>1</sup>**Eurasian watermilfoil** - Apply Clearcast 2.7G at 100 to 200 ppb to actively growing plants early in the growing season. Applications made to mature milfoil (vegetation topped out) may require multiple applications.

<sup>2</sup>**Hydrilla** - Apply Clearcast 2.7G at 150 to 200 ppb to actively growing plants early in the growing season. Applications made prior to topped-out hydrilla may require repeat application. A single application of 50 to 75 ppb can be used to suppress and growth-regulate hydrilla for up to 10 to 12 weeks. If desired, an additional 50 to 75 ppb can be applied to extend the period of growth suppression when normal hydrilla growth resumes.

<sup>3</sup>**Sago pondweed** - Sago pondweed may be controlled in non-flowing water with applications at 100 ppb. In dry ditches (drainage and irrigation), sago pondweed may be controlled or growth suppressed with soil-applied Clearcast 2.7G at 18.5 lbs/A. In irrigation canals, apply Clearcast 2.7G after drawdown and prior to water recharge.

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in original container and keep closed. Store in a dry place.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.

**Container Disposal: Nonrefillable Container (for plastic bags):** Do not reuse or refill this container. After completely emptying container into application equipment, dispose of empty bag in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

## TERMS AND CONDITIONS OF USE

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

## WARRANTY DISCLAIMER

SePRO Corporation warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SEPRO CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

## INHERENT RISKS OF USE

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

## LIMITATION OF REMEDIES

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories) shall be limited to, at SePRO Corporation's election, one of the following:

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

To the extent consistent with applicable law, SePRO Corporation shall not be liable for losses or damages resulting from handling or use of this product unless SePRO Corporation is promptly notified of such losses or damages in writing. In no case shall SePRO Corporation be liable for consequential or incidental damages or losses.

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

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