

# **SUBMERSED SPECIES CONTROLLED - BLADDERWORT - 50 TO 100 PPB**

## General Information

### 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.

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.

## RESTRICTIONS 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 1/4 mile from an active potable water intake. Within 1/4 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.

#### Limitations, Restrictions, and Exceptions

NOTE: Refer to table 1 on the label for specific instructions.

#### Method

[Broadcast/Foliar Air](#)

[Surface](#)

#### Rates

[field rates 0](#)

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Timings

N.A.