

Spray Drift Requirements For Ground Boom Application

- Applicators are required to use a nozzle height below 4 feet above the ground or plant canopy and coarse or coarser droplet size (ASABE S572) or, if specifically using a spinning atomizer nozzle, applicators are required to use a volume mean diameter (VMD) of 385 microns or greater.
- Applications with wind speeds greater than 10 mph are prohibited.
- Applications into temperature inversions are prohibited.

DO NOT apply when wind conditions may result in drift, when temperature inversion conditions exist, or when spray may be carried to sensitive areas. See **Managing Off-target Movement** section for more drift reduction recommendations.

Aquatic Use Directions

Clearcast® herbicide may be applied directly to the water for the control of submerged aquatic plant species and some emergent and floating species, or as a foliar application specifically for emergent and floating species.

DO NOT exceed maximum use rate per application:

Water treatment - 500 ppb
(173 fl ozs of **Clearcast** per acre foot)

Foliar broadcast application - 1 gallon per acre
(1.0 lb ae/A)

Foliar spot application - up to 5% **Clearcast** by volume

Clearcast may be applied by surface and aerial equipment including both fixed-wing aircraft and helicopter.

Foliar Application

Targeted Emergent and/or Floating Vegetation Application

To make surface applications targeting emergent or floating vegetation, *uniformly apply with properly calibrated broadcast or spot treatment equipment in 10 or more gallons of water per acre.* Spot treatments can be made with up to 5% **Clearcast** by volume. To ensure thorough spray coverage, higher spray volumes may be required when treating areas with large and/or dense vegetation. Use an appropriate spray pressure to minimize the drift potential depending upon spray equipment, conditions and application objectives.

Foliar Treatment of Emergent and Floating Vegetation Guidelines

- Always use a surfactant for foliar applications of emergent and floating weeds.
- Foliar applications of **Clearcast** may be made as a broadcast spray or as a spot spray with a percent spray solution ranging from 0.25% to 5% **Clearcast** by volume.
- Control will be reduced if spray is washed off foliage by wave action.

In aquatic sites, those application techniques described in the **Terrestrial Use Directions** section may be used to treat emergent vegetation.

Application to Water

Water Application to Target Submerged and/or Emergent/Floating Vegetation

Clearcast may be broadcast-applied to the water surface or injected below the water surface. **Clearcast** may be applied as undiluted product or diluted with water prior to application. Under surface-matted conditions, inject **Clearcast** below the water surface to achieve better product distribution.

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

Clearcast® herbicide Rates Per Treated Surface Acre

Average Water Depth of Treatment Site (feet)	Desired Active Ingredient Concentration (ppb)*			
	50	100	200	500
Clearcast Rate per Treated Surface Acre (fl ozs)				
1	17	35	69	173
2	35	69	138	346
3	52	104	207	518
4	70	138	277	691
5	87	173	346	864
6	104	207	415	1037
7	122	242	484	1210
8	139	277	553	1382
9	157	311	622	1555
10	174	346	691	1728

* **Clearcast** contains 1.0 pound of active ingredient per gallon. There are 128 fl ozs in one gallon.

Aerial Application

Clearcast may be applied by both fixed-wing aircraft and helicopter. There is no minimum spray volume when making applications directly to the water. For applications targeting emergent and/or floating vegetation, uniformly apply with properly calibrated equipment in 5 or more gallons of water per surface acre. For best results, make aerial applications using a minimum of 20 gallons per acre.

Drawdown Application

Clearcast may be used in drawdown situations to provide postemergence and/or preemergence control/suppression of aquatic vegetation. Apply **Clearcast** as a broadcast

MARKUP #1 · CONFLICTS WITH FED LAW

BOARD & COUNSEL REVIEW

Sec. m (p. 7): Blanket ban, sub-1-meter size cap, or prior approval requirement on satellite dishes or antennas is preempted by federal FCC OTARD regulations.

Statutory / Legal Reference: 47 C.F.R. § 1.4000 (FCC OTARD Rule)

Statutory Comparison: The FCC Over-the-Air Reception Devices rule (47 C.F.R. § 1.4000, as expanded by the 2021 OTARD Report and Order, FCC 21-10) preempts community association restrictions that prohibit, charge application fees for, require prior architectural approval for, or impose sub-1-meter (39.37-inch) diameter caps on the installation, maintenance, or use of television broadcast antennas, direct-broadcast satellite dishes 1 meter or less in diameter, and fixed wireless broadband antennas (including hub and relay antennas) situated on property within the exclusive use or control of the owner/tenant.

CURRENT WORDING IN DOCUMENT:

Clearcast may be applied by surface and aerial equipment including both fixed-wing aircraft and helicopter. Foliar Application Targeted Emergent and/or Floating Vegetation Application To make surface applications targeting emergent or floating vegetation, uniformly apply with properly calibrated broadcast or spot treatment equipment in 10 or more gallons of water per acre.

SAMPLE DISCUSSION WORDING (FOR HOA ATTORNEY REVIEW):

Provided that this restriction shall not prohibit or require prior approval for any owner or occupant installing an antenna, fixed wireless broadband hub/relay device, or satellite dish of one meter (39.37 inches) or less in diameter within areas under the owner's or occupant's exclusive use or control, in accordance with FCC OTARD regulations (47 C.F.R. § 1.4000).