

# **HERBICIDE APPLICATION - EARLY SEASON (LOW DENSITY) - 1 FOOT IN DEPTH**

## General Information

### GENERAL INFORMATION

CUTRINE-ULTRA is a chelated copper formulation containing an emulsified surfactant/penetrant combination for highly effective control of coarse (thick cell-walled) filamentous algae, mucilaginous (colonial) planktonic algae, Chara and copper-sensitive vascular aquatic plants. CUTRINE-ULTRA, under field conditions, controls mat-forming, filamentous forms such as Spirogyra, Cladophora, Hydrodictyon, Vaucheria, Ulothrix, and Lyngbya; planktonic cyanobacteria such as Anabaena, Aphanizomenon, Microcystis, Pseudanabaena, Oscillatoria; and attached, bottom-growing forms such as Chara, Nitella, Gleotrichia. CUTRINE-ULTRA has also been proven effective in controlling the rooted aquatic plant, Hydrilla verticillata, Egeria densa and other copper-sensitive species. The ethanolamines in CUTRINE-ULTRA prevent the precipitation of copper with carbonates and bicarbonates in the water. Waters treated with CUTRINE-ULTRA may be used for swimming, fishing, drinking, livestock watering or irrigating turf, ornamental plants or crops immediately after treatment.

### GENERAL TREATMENT NOTES

The following suggestions apply to the use of CUTRINE-ULTRA as an algaecide or herbicide in all approved use sites.

For optimum effectiveness?

- Apply early in the day under calm, sunny conditions when water temperatures are at least 60°F.
- Treat when growth first begins to appear or create a nuisance, if possible.
- Apply in a manner that will ensure even distribution of the chemical within the treatment area.
- Re-treat areas if re-growth begins to appear and seasonal control is desired.

Where fish are present, allow one to two weeks between consecutive total volume treatments or test for recovery of oxygen levels before re-treatment.

- Allow seven to ten days to observe the effects of treatment (bleaching and breaking apart of plant material).

Limitations, Restrictions, and Exceptions

## HERBICIDE APPLICATION

### CUTRINE-ULTRA:

Control of *Hydrilla verticillata*, *Egeria densa* and other copper-sensitive vascular aquatic plant species can be obtained from copper concentrations of 0.4 to 1.0 ppm resulting from CUTRINE-ULTRA treatment.

- Application rates for depths greater than six feet may be obtained by adding the rates given for the appropriate combination of depths. Application rates should not result in excess of 1.0 ppm copper concentration within treated water.

### CUTRINE-ULTRA: REWARD TANK MIX

- REWARD is a trademark of Syngenta Corp.

On waters where enforcement of use restrictions for recreational, domestic and irrigation uses are acceptable, the following mixture can be used as an alternative *Hydrilla* control method.

Tank mix 3 gallons of CUTRINE-ULTRA with 2 gallons of REWARD. Apply mixture at the rate of 5 gallons per surface acre. Dilute with at least 9 parts water and apply as a surface spray or underwater injection. Observe all cautions and restrictions on the labels of both products used in this mixture.

PERMITS: Some states may require permits for the application of the product to public waters. Check with your local authorities.

Method

[Surface](#)

[Injection](#)

Rates

[field\\_rates 0](#)

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Timings

[N.A.](#)