

Supplemental Labeling



Helena Chemical Company

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EPA Reg. No. 5905-580

EPA 24(c) Special Local Need Registration SLN NY-160002
(For Distribution and Use Only in the State of New York)

For control of emerged, submersed and floating aquatic plants in aquatic sites including ponds, lakes, reservoirs, non-irrigation canals, seasonal irrigation waters and ditches which have little or no continuous outflow, marshes and wetlands, including broadleaf and woody vegetation on banks and shores within or adjacent to these and other aquatic sites.

**KEEP OUT OF REACH OF CHILDREN
DANGER**

ATTENTION

- 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 application.
- Read the label affixed to the container for Trycera™ before applying. Carefully follow all precautionary statements and applicable use directions.
- In the state of New York, Trycera™ is registered under FIFRA Section 24(c) as a Special Local Need (SLN) registration. For the state of New York, this 24(c) supplemental labeling provides directions for use, including use precautions and limitations applicable to use of Trycera™, and supersedes directions for use on the product label.
- Note to all pesticide applicators: Before application under any project program, notification of an approval by the NYS Department of Environmental Conservation is required, either by an aquatic permit issued pursuant to ECL Section 15.0313(4) or issuance of purchase permits for such use.
- Use of Trycera™ according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Trycera™.

DIRECTIONS FOR USE

Use Trycera™ for control of emerged, submersed and floating aquatic plants in the following aquatic sites: ponds; lakes; reservoirs; marshes; wetlands; impounded rivers; streams and other bodies of water that are quiescent; non-irrigation canals, seasonal irrigation waters and ditches which have little or no continuous outflow.

Refer to the product label of Trycera™ for *Precautionary Statements, Environmental Hazards and Storage and Disposal*.

GENERAL USE PRECAUTIONS AND RESTRICTIONS

- **Chemigation:** DO NOT apply this product through any type of irrigation system.
- **Irrigation:** Water treated with Trycera™ may not be used for irrigation purposes for 120 days after application or until triclopyr residue levels are determined by laboratory analysis, or other appropriate means of analysis, to be 1.0 ppb or less.
 - **Seasonal irrigation Waters:** Trycera™ may be applied during the off-season to surface waters that are used for irrigation on a seasonal basis, provided that there is a minimum of 120 days between Trycera™

application and the first use of treated water for irrigation purposes or until triclopyr residue levels are determined by laboratory analysis, or other appropriate means of analysis, to be 1.0 ppb or less.

- **Irrigation Canals/Ditches:** DO NOT apply Trycera™ to irrigation canals/ditches unless the 120 day restriction on irrigation water usage can be observed or triclopyr residue levels are determined by laboratory analysis, or other appropriate means of analysis, to be 1.0 ppb or less.
- DO NOT apply Trycera™ directly to, or otherwise permit it to come into direct contact with grapes, tobacco, vegetable crops, flowers, or other desirable broadleaf plants, and do not permit granule dust to drift into them.
- DO NOT apply to salt water bays or estuaries.
- DO NOT apply directly to un-impounded rivers or streams.
- DO NOT apply on ditches or canals currently being used to transport irrigation water or that will be used for irrigation within 120 days following treatment or until triclopyr residue levels are determined to be 1.0 ppb or less.
- DO NOT apply where runoff water may flow onto agricultural land as injury to crops may result.
- **Grazing and Haying Restrictions:** Except for lactating dairy animals, there are no grazing restrictions following application of this product.
 - **Grazing Lactating Dairy Animals:** DO NOT allow lactating dairy animals to graze treated areas until the next growing season following application of this product.
 - DO NOT harvest hay for 14 days after application.
 - Grazed areas of non-cropland and forestry sites may be spot treated if they comprise no more than 10% of the total grazable area.
- **Slaughter Restrictions:** During the season of application, withdraw livestock from grazing treated grass at least 3 days before slaughter.

Best Management Practices for Drift Management

Equipment used in the application of Trycera™ should be carefully calibrated before use and checked frequently during application to be sure it is working properly and delivering a uniform distribution pattern. To prevent increased Trycera™ dosage above specified limits, do not overlap application. Aerial application should be made only when the wind velocity is 2 to 10 mph.

Applications should be made only when there is little or no hazard for volatility or dust drift, and when application can maintain Trycera™ placement in the intended area. Very small quantities of dust, which may not be visible, may seriously injure susceptible plants, and Trycera™ may be blown outside of the intended treatment area under extreme conditions. Do not spread Trycera™ when wind is blowing toward susceptible crops or ornamental plants that are near enough to be injured.

Avoiding drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for drift. The applicator is responsible for considering all these factors when making decisions.

Ground Application Equipment: To aid in reducing drift, Trycera™ should be applied when wind velocity is low (follow state regulations; see *Sensitive Area* under *Aerial Drift Reduction Advisory* below).

Aerial Drift Reduction Advisory

This section is advisory in nature and does not supersede the mandatory label requirements.

Application Height: Application should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces drift potential.

Swath Adjustment: When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (e.g. higher wind).

Wind: Drift potential is lowest between wind speeds of 2 – 10 mph (follow state regulations). However, many factors, including equipment type, determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. **Note:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect drift.

Sensitive Areas: Trycera™ should only be applied when the potential for drift to adjacent sensitive area (e.g., residential areas, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

Aquatic Weeds Controlled by Trycera™

alligatorweed	parrotfeather ¹	yellow water lily (Nuphar spp., spatterdock)
American lotus	pickerelweed	white water lily (Nymphaea spp.)
bladderwort	pennywort	water primrose (Ludwigia spp.)
Eurasian watermilfoil	smartweed	watershield (Brasenia spp.)
milfoil species		

¹Retreatment may be needed to achieve desired level of control.

APPLIATION METHODS

Surface Applications

Use a mechanical spreader such as a fertilizer spreader or mechanical seeder or similar equipment capable of uniformly applying Trycera™. Before spreading any product, carefully calibrate the application equipment. When using boats and power equipment, you must determine the proper combination of (1) boat speed (2) rate of delivery from the spreader, and (3) width of swath covered by the granules.

Use the following formula to calibrate the spreader's delivery in pounds of Trycera™ per minute.

$$\frac{\text{Miles per hour} \times \text{spreader width (feet)} \times \text{pounds per acre}}{495} = \text{Pounds per minute}$$

Aerial Application (Helicopter Only)

Ensure uniform application. All equipment should be properly calibrated using blanks with similar physical characteristics to Trycera™. To avoid streaked, uneven or overlapped application, use an appropriate tracking device (e.g. GPS). Refer to the *Aerial Drift Reduction Advisory* section of this label for additional precautions and instructions for aerial application.

Floating and Emerged Weeds

For Control of water lily's (Nymphaea spp. and Nuphar spp.), watershield (Brasenia spp.), and other susceptible emerged and floating herbaceous weeds, apply 0.75 to 2.5 ppm triclopyr per acre. Apply when plants are actively growing.

Use higher rates in the rate range when plants are mature, when the weed mass is dense, or for difficult to control species. Repeat as necessary to control regrowth, but do not exceed a total of 2.5 ppm triclopyr for the treatment area per annual growing season.

Submersed Weeds

For control of Eurasian watermilfoil (*Myriophyllum spicatum*) and other susceptible submersed weeds in ponds, lakes, reservoirs, impounded rivers, streams and other bodies of water that are quiescent; non-irrigation canals, and seasonal irrigation waters, or ditches that have little or no continuous outflow, apply Trycera™ using mechanical or portable granule spreading equipment. Rates should be selected according to the rate chart below to provide a triclopyr concentration of 0.75 to 2.5 ppm ae in treated water. Use of higher rates in the rate range is recommended in areas of greater water exchange. These areas may require a repeat application. However, total application of Trycera™ must not exceed an application rate of 2.5 ppm ae triclopyr for the treatment area per annual growing season.

For optimal control, apply when Eurasian watermilfoil or other submersed weeds are actively growing.

CONCENTRATION OF TRICLOPYR ACID IN WATER (PPM AE)					
	0.75 ppm	1.0 ppm	1.5 ppm	2.0 ppm	2.5 ppm
Avg. Water Depth (ft)	Pounds Trycera™ / acre (10% a.e.)				
1	20	27	41	54	68
2	41	54	81	108	135
3	61	81	122	162	203
4 feet or greater	81	108	164	216	270

Precautions for Potable Water Intakes:

For applications of Trycera™ to control floating, emerged, and submersed weeds in sites that contain a functioning potable water intake for human consumption, see the chart below to determine the minimum setback distances of the application from the functioning potable water intakes.

CONCENTRATION OF TRICLOPYR ACID IN WATER (PPM AE)					
Area Treated (acres)	0.75 ppm	1.0 ppm	1.5 ppm	2.0 ppm	2.5 ppm
	Required Setback Distance (ft) from Potable Water Intake				
<4	1,300	1,700	2,500	3,400	4,200
>4 – 8	1,700	2,300	3,500	4,600	5,800
>8 – 16	2,400	3,300	4,900	6,500	8,200
>16 – 32	3,500	4,600	6,900	9,200	11,500
>32 acres, calculate a setback using the formula for the appropriate rate	Setback (ft) = sqrt ¹ [(4,102,708 X acres treated) + 981,690.7] / 3.33	Setback (ft) = sqrt ¹ [(4,102,708 X acres treated) + 981,690.7] / 2.50	Setback (ft) = sqrt ¹ [(4,102,708 X acres treated) + 981,690.7] / 1.67	Setback (ft) = sqrt ¹ [(4,102,708 X acres treated) + 981,690.7] / 1.25	Setback (ft) = sqrt ¹ [(4,102,708 X acres treated) + 981,690.7]

¹Sqrt = Square Root

Example Calculation 1: to apply 2.5 ppm Trycera™ to 50 acres:

$$\begin{aligned}
 \text{Setback in feet} &= \text{sqrt} [(4,102,708 \times 50) + 981,690.7] \\
 &= \text{sqrt} [206,117,091] \\
 &= 14,357 \text{ feet} \\
 &= \mathbf{14,400 \text{ feet (rounded to nearest 100 feet)}}
 \end{aligned}$$

Example Calculation 2: to apply 0.75 ppm Trycera™ to 50 acres.

$$\begin{aligned}
 \text{Setback in feet} &= \frac{\text{sqrt} [(4,102,708 \times 50) + 981,690.7]}{3.33} \\
 &= \frac{\text{sqrt} [206,117,091]}{3.33} \\
 &= \frac{14,356.78}{3.33} \\
 &= 4,311 \text{ feet} \\
 &= \mathbf{4,300 \text{ feet (rounded to nearest 100 feet)}}
 \end{aligned}$$

Note: Existing potable water intakes which are no longer in use, such as those replaced by potable water wells or connections to a municipal water system, are not considered to be functioning potable water intakes. These setback restrictions do not apply to terrestrial applications made adjacent to potable water intakes.

To apply Trycera™ around and within the distances noted above from a functioning potable water intake, the intake must be turned off until the triclopyr level in the intake water is determined to be 50 parts per billion (ppb) or less by laboratory analysis or immunoassay.

- **Recreational Use of Water in Treatment Area:** DO NOT swim in water treated with Trycera™ for three (3) hours after treatment. There are no restrictions on use of water in the treatment area for fishing
- **Livestock Use of Water from Treatment Area:** There are no restrictions on livestock consumption of water from the treatment area.

Wetland Sites

Wetlands include flood plains, deltas, marshes, swamps, bogs, and transitional areas between upland and lowland sites. Wetlands may occur within forests, wildlife habitat restoration and management areas and similar sites as well as areas adjacent to or surrounding domestic water supply reservoirs, lakes and ponds.

For control of emersed, floating or submersed aquatic weeds in wetland sites, follow use directions and application methods associated with the *Floating and emersed* or *Submersed* sections on this label.

Use Precautions

Minimize unintentional application to open water when treating target vegetation in wetland sites. **Note:** Consult local public water control authorities before applying this product in and around public water. Permits may be required to treat such areas.

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