

Water Weed Killer

DIRECTIONS

Because of varying conditions each stream must be considered individually so far as removing submerged plant growth from the channel is concerned. The following directions are general and have been found adequate under most conditions. Experienced users will follow the procedures they have found best under their own conditions. Any high pressure pump may be used for application, but it should be kept in mind that this material is corrosive to natural rubber cups and seals. Pumps equipped with synthetic rubber, leather, or lead seals, and synthetic rubber or leather cups are preferable. Heavy duty synthetic rubber hoses are suggested for use with this chemical.

Application is usually delayed until the "moss" or other submerged growth begins to interfere with the flow and delivery of water. Cut down the flow in the stream to a level that will just cover the moss and weeds, but will still get through fairly rapidly. The chemical is usually pumped directly into the stream from the drum in which it comes. A boom section from an ordinary weed sprayer is connected to the pump by a hose, and then lowered to the bottom of the channel so that the nozzles empty into the water without hitting the bottom, weeds, or any other obstacle. A bridge, a weir, or a diversion dam is a convenient point for application.

There are two common methods of application. The first, involving less time in application, consists of pumping in twelve gallons of chemical per second foot of water at reduced flow, at intervals of two to four miles apart in rapid succession down stream. The chemical is applied in a period of between 20 and 30 minutes at each station. Twelve gallons per second foot is equivalent to .4 gallons per minute for a period of thirty minutes. A Spraying Systems nozzle tip #730385 operated at 160 pounds will deliver .8 gallons per minute, or enough to treat two second feet of flow. If, for example, there is ten second feet of water in the channel to be treated, five such nozzles along the boom would be required for treatment if operated at 160 pounds pressure.

FOR THE CONTROL OF MOSS AND OTHER
SUBMERGED WEEDS IN IRRIGATION
AND DRAINAGE STREAMS

DANGER: FLAMMABLE

**KEEP OUT OF REACH OF CHILDREN. SEE SIDE
PANEL FOR OTHER CAUTIONS. HARMFUL OR
FATAL IF SWALLOWED. VAPOR HARMFUL.**

A Drum of

\$5.00

HANDLE WITH CARE

NET CONTENTS: 55 GALLONS

WASATCH CHEMICAL COMPANY

SALT LAKE CITY, UTAH

DIRECTIONS

A second method of application consists of applying six gallons of chemical per second foot at stations one mile apart downstream. To apply six gallons per second foot the number of nozzles used in the twelve gallon rate suggested above can be cut in half, or the Spraying Systems #730231 operated at about 150 pounds pressure will deliver .45 gallons per minute, or enough to treat two second feet of flow when applied over a thirty-minute period.

Any combination of nozzles may be used so long as the pressure is maintained at about 150 pounds or higher, and the time of application is between 30 and 40 minutes. Good control of water weeds has been obtained with less chemical than is recommended above. In some instances, however, there is a certain amount of "backup," or "reservoired" water in the channel which is not measured over a weir, but which still must be considered in estimating the amount of chemical to apply. It is far better to use heavier dosages and extend the distance between treatment than to reduce the dosage and apply at more frequent intervals.

A second foot of water is a stream one foot wide, and one foot deep, flowing at the rate of one foot per second.

CAUTION: This chemical is highly inflammable — keep away from heat, open flames or fires. Do not smoke near open drums. Avoid excessive inhalation of fumes, and contact with skin. It is corrosive to rubber, but less so to synthetic rubber. Treated water may injure crop plants, especially those submerged; for this reason it is suggested that treated water be run to waste, and not used for irrigation. Fish and insects in the stream are killed by the chemical.

Non-Warranty: Seller makes no warranty of any kind, expressed or implied, concerning the use of this product. Buyer assumes all risks of use or handling whether in accordance with direction or not.

If swallowed, do not induce vomiting. Call physician immediately.