

Transferred from 2901-30, transferred from 11273-14

PROPOSED K-LOX[®] BACK LABEL

January 13, 1975
UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 11273-14. SUBJECT TO ATTACHED COMMENTS.

K-LOX ALGAECIDE

GENERAL INFORMATION

and flooded rice fields.

K-LOX algaecide provides effective control of various blue-green, filamentous and planktonic algae which can occur in potable water reservoirs; recreational lakes; ornamental golf course, and fish and industrial ponds. K-LOX is most effective when applied in bright sunlight at the first signs of algal bloom. K-LOX treated water may be used to irrigate turf, fairways, putting greens and ornamental plants immediately after treatment.

K-LOX is used in combination with DIQUAT[®] for quicker "knock-down" of Hydrilla verticillata (Florida only).

SPECIFIC INSTRUCTIONS

ALGAE CONTROL: Free floating algae (planktonic), such as *Aphanizomenon*, *Diclyosphaerium*, *Euglena*, *Anabaena*, *Microcystis*, are controlled using 0.2 to 0.5 ppm metallic copper depending on severity of growth.

Filamentous algae such as *Chlorella*, *Cladophora*, *Hydrodictyon*, *Oedogonium* and *Spirogyra* require 0.5 to 1.0 ppm metallic copper depending on growth intensity. *Chara* and *Phormidium* are difficult to control unless treatment at 0.5 to 1.0 ppm metallic copper is initiated at the first signs of algal bloom.

Dilute one volume of K-LOX with 10-20 volumes of water before application to any body of water. Begin treatment as soon as the first signs of algae appear. Spray diluted mixture from shore or boat evenly across surface of water at rates to achieve a particular copper concentration according to the table below. To ensure best results, remove large mats of floating algae manually before treatment. A second application 1-2 weeks after the first may be necessary for heavily infested areas.

Depth of water (feet)	Gallons of K-LOX per acre to achieve the desired copper content.		
	0.2 ppm Cu	0.5 ppm Cu	1.0 ppm Cu
1	0.68	1.70	3.40
2	1.36	3.40	6.80
3	2.04	5.10	10.20

HYDRILLA VERTICILLATA: (Florida only). Treat with a combination of 4 gallons of K-LOX plus 2 gallons of DIQUAT[®] per surface acre. Make application in bright sunlight when water temperature is above 65°F for best results. Combine K-LOX and DIQUAT[®] with water in a mix tank to make approximately 100 gallons for each surface acre treated. Apply the mixture through hoses which are dragged approximately one foot above the lake bottom. Do not drag hoses on the bottom. Complete effect of the treatment will be observed in 8-12 weeks. In heavily infested areas, a second application after 12 weeks may be necessary.

CAUTION: Avoid contact with skin and eyes. In case of contact, wash thoroughly; for eyes, wash with copious amounts of water and get immediate medical attention. Seek medical attention if swallowed.

WARNING: Concentrated K-LOX may be injurious to grass, ornamental plants and other foliage. Do not apply K-LOX in such a way that contact with plants or grass can occur. Apply only as specified on label.

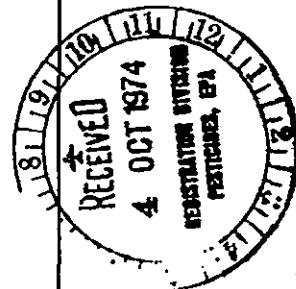
Treatment of algae and/or aquatic weeds can result in oxygen loss from decomposition of dead vegetation. This loss can cause fish suffocation. Therefore, treat 1/3 to 1/2 of the water area in a single operation and wait 10-14 days between treatments. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas.

NOTE: Trout and other species of fish may be killed at application rates recommended on this label. However, fish toxicity generally decreases when the hardness of the water increases. Consult your State Fish and Game Agency before applying this product to public waters.

NOTICE: KOCIDE CHEMICAL CORPORATION warrants that this product in its unopened package conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions on the plants and crops specified. THERE ARE NO OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. This warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes all risk of any such use.

KOCIDE CHEMICAL CORPORATION HOUSTON, TEXAS 77045

ALGAE CONTROL IN WATER FLOODED RICE (California Only) Apply K-LOX at 1 gallon per surface acre to the flooded field for each 5 inches of water depth. This will give a copper concentration in the water of 0.7 ppm. Begin application at the first sign of greenish algae mats on the soil surface. Mats usually develop from one day to one week after flooding. For ground application, use 1 gallon of K-LOX in 10-20 gallons water per surface acre. For aerial application, apply 1/2 gallon K-LOX plus 1/2 gallon water per acre.



Reg 7/11/73