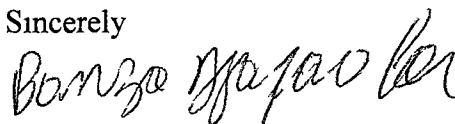


If you have questions concerning this letter please call Banza Djapao at 703 305 7269 or via email at djapao_banza@epa.gov or you may call me at 703 308 9443

Sincerely



Tony Kish
Product Manager 22
Fungicide Branch
Registration Division (7504P)

3/10

COPERLATE™

Supplemental Label

FOR ALGAE CONTROL IN AQUACULTURE SYSTEMS

ACTIVE INGREDIENTS

Copper Sulfate Pentahydrate *	20%
Inert Ingredients	80%
TOTAL	100%
Metallic Copper Equivalent	5 %
CAS # 7758 99 8	

Manufactured By

SSI Corporation
210 S Cedar
Julesburg CO 80737
970 474 0974

9.9 Lbs Per Gallon 1.188 Kg/L
Net Contents 55 Gallons

EPA Reg No 65109 1

EPA Est No 65109 CO 001

Use of COPERLATE according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for COPERLATE

Read the label affixed to the container for COPERLATE before applying

This supplemental labeling must be in possession of the user at the time of application

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons either directly or through drift. Do not enter or allow others to enter until sprays have dried. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

To Control Algae in Aquaculture Systems Apply 1 pint of **COPERLATE** in each 7 500 300 000 gallons of water to be treated. One pint (16 fluid ounces) of **COPERLATE** per each 7 500 to 300 000 gallons yields a range of 1 ppm (7 500 gallons) metallic copper down to .025 ppm (300 000 gallons) metallic copper. For best results, apply to warm, still water on a sunny day when algae are near the surface.

ACCEPTED
with COMMENTS
in EPA Letter Dated
JUN 27 2012

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticides
registered under EPA Reg No
65109-1

4/10

COPERLATE™

ALGAECIDE/BACTERICIDE*

FOR LAKES PONDS RESERVOIRS CANALS LAGOONS AND OTHER WATER SYSTEMS

Non Public Health

9.9 Lbs Per Gallon 1.188 Kg/L

ACTIVE INGREDIENTS

Copper Sulfate Pentahydrate*	20%
Inert Ingredients	80%
TOTAL	100%
Metallic Copper Equivalent	5 %
CAS # 7758 99 8	

Manufactured By

SSI Corporation
210 S Cedar
Julesburg CO 80737
970 474 0974

KEEP OUT OF REACH OF CHILDREN DANGER/PELIGRO

(Si usted no entiende la etiqueta busque a alguien para que se la explique a usted en detalle)
(If you do not understand this label find someone to explain it to you in detail)

FIRST AID

- IF IN EYES** Hold eye open and rinse slowly and gently with water for 15 20 minutes Remove contact lenses if present after the first 5 minutes then continue rinsing Call a poison control center or doctor for treatment advice
- IF ON SKIN OR CLOTHING** Take off contaminated clothing Rinse skin immediately with plenty of water for 15 20 minutes Call a poison control center or doctor for treatment advice
- IF SWALLOWED** Call a poison control center or doctor immediately for treatment advice Have person sip a glass of water if able to swallow Do not induce vomiting unless told to do so by a poison control center or doctor Do not give anything by mouth to an unconscious person
- IF INHALED** Move person to fresh air If person is not breathing call 911 or an ambulance then give artificial respiration preferably by mouth to mouth if possible Call a poison control center or doctor for treatment advice

NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage

Have the product container or label with you when calling a poison control center or doctor or going for treatment
For emergency information concerning this product you may also contact the National Pesticides Information Center (NPIC) at 1 800 858 7378
Monday Friday 7 30 am to 3 30 pm Pacific Time (NPIC Web site www.npic.orst.edu)

Non-Flammable Do Not Freeze

EPA Reg No 65109 1

EPA Est No 65109 CO 001

Net Contents FIFTY FIVE (55) U S GALLONS

ACCEPTED
with COMMENTS
in EPA Letter Dated
JUN 27 2012
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticides
registered under EPA Reg. No.
65109-1

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

DANGER

Corrosive Causes irreversible eye damage Harmful if swallowed Harmful if absorbed through skin or on clothing Do not get in eyes on skin or on clothing

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers Loaders Applicators and other handlers must wear the following

- Long sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves made of any waterproof material and
- Goggles or face shield

Some materials that are chemical resistant to this product are nitrile and polyvinyl chloride If you want more options follow the instructions for Category A on an EPA chemical resistance category selection chart

Follow manufacturer's instructions for cleaning/maintaining PPE If no such instructions for washables are given use detergent and hot water Keep and wash PPE separately from other laundry Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate Do not reuse them

USER SAFETY RECOMMENDATIONS

- User must wash hands before eating drinking chewing gum using tobacco or using the toilet
- User must remove clothing/PPE immediately if pesticide gets inside Then wash thoroughly and put on clean clothing
- User must remove PPE immediately after handling this product As soon as possible wash thoroughly and change into clean clothing
- Wash the outside of gloves before removing*

ENVIRONMENTAL HAZARDS

FISH AND AQUATIC ORGANISMS Waters treated with this product may be hazardous to aquatic organisms Treatment of aquatic weeds and algae can result in oxygen loss from decomposition of dead algae and weeds This oxygen loss can cause fish and invertebrate suffocation To minimize hazard do not treat more than 1/3 of the water body to avoid depletion of oxygen due to decaying vegetation Wait at least 10 to 14 days between treatments Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas In regions where ponds freeze in winter treatment should be done 6 to 8 weeks before expected freeze time to prevent masses of decaying algae under an ice cover Consult with the State or local agency with primary responsibility for regulating pesticides before applying to public waters to determine if a permit is required

This pesticide is toxic to some fish and aquatic invertebrates and may contaminate water through runoff This product has a potential for runoff for several months or more after application Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product For terrestrial uses do not apply directly to water to areas where surface water is present or to intertidal areas below the mean high water mark Do not contaminate water when disposing of equipment wash waters or rinsate

Certain water conditions including low pH (≤ 5) low dissolved organic carbon (DOC) levels (30 mg/L or lower) and soft waters (i.e. alkalinity less than 50 mg/L) increases the potential acute toxicity to non target aquatic organism

Potable water sources treated with copper products may be used as drinking water only after proper additional potable water treatments

Trout and other species of fish may be killed at application rates recommended on the label especially in soft or acidic waters as described above Do not contaminate water when disposing of equipment wash waters or rinsate

To protect listed species in California contact your County Agricultural Commissioner or refer to the Department of Pesticide Regulation's PRESCRIBE Internet Database <http://www.cdpr.ca.gov/docs/endspec/prescint.htm>

APPLICATION AND HANDLING EQUIPMENT

Application handling or storage equipment MUST consist of either fiberglass PVCs polypropylenes most plastics or stainless steel Never use mild steel nylon brass aluminum or copper around or to store or handle full strength COPERLATE Always rinse equipment free and clean of COPERLATE each night with plenty of fresh clean water

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons either directly or through drift. Do not enter or allow others to enter until sprays have dried. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on the label about personal protective equipment (PPE), restricted re-entry intervals, and notification to workers.

Do not enter or allow entry into treated areas during restricted entry interval (REI) of 48 hours.

PPE required for early entry into treated areas that is permitted by the Worker Protection Standard and that involves contact with anything that has been treated, such as soil or water is:

- Coveralls
- Shoes plus socks
- Chemical resistant gloves made of any water proof material
- Protective eyewear

GENERAL INFORMATION

COPERLATE is used for the suppression of bacterial odors and toxic gases in sewage lagoons, feedlot run off pits, animal confinement facilities, and other ponds containing organic matter or algae/bacteria. **COPERLATE** may also be used to control algae and bacteria in irrigation reservoirs, ponds, and potable water supplies. In still waters, **COPERLATE** has a vertical dispersion rate of 20 feet per hour and a horizontal dispersion rate of 25 feet per hour. In flowing waters, dispersion is faster depending on turbulence and velocity of flow. Do not apply more than 1.0 ppm as metallic copper.

Note: Effectiveness of **COPERLATE** decreases as the alkalinity increases and is significantly reduced when the alkalinity exceeds approximately 150 ppm as CaCO₃. As alkalinity increases, application rates towards the higher end of stated use ranges may be required.

For potable water systems: if the impounded water is a source of potable water or for potable water systems or for livestock watering systems, do not exceed one gallon in 60,000 gallons under any circumstances (1 ppm metallic copper). Potable water sources treated with copper products may be used as drinking water only after proper additional potable water treatments. (**Review General Algae Control Section of this label before proceeding**)

If **COPERLATE** is to be sprayed:

- Do Not apply during temperature inversions
- Apply only when wind velocity favors on target deposition (approximately 3 to 10 mph)
- Do Not Apply if wind velocity exceeds 15 mph
- Use only medium or coarse spray nozzles in boat mounted boom, ground booms, aerial applications or hand sprayers
- For boat mounted booms, booms should be mounted so nozzle tips are no more than 2 feet above the water's surface
- For aerial applications (rice fields only) the spray should be released at the lowest height consistent with pest control and flight safety
- For aerial applications (rice fields only) the spray boom should be mounted on the aircraft as to minimize drift caused by wing tip or rotor vortices. The minimum practical boom length should be used.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast, and chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Droplet Size: Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed: Do not apply at wind speeds greater than 15 mph. The applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Requirements: Applicators must follow all state and local pesticide requirements regarding application of copper compounds. Where states have more stringent regulations, they must be observed.

Equipment: All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or diluents.

Additional requirements for aerial applications: The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter. Release spray at the lowest height consistent with efficacy and flight safety. Does not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.

When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

Additional requirements for ground boom application: Do not apply with a nozzle height greater than 4 feet above the crop canopy.

GENERAL ALGAE CONTROL For algae control apply in late spring or early summer when algae first appear. The dosages are variable and depend upon algae species, water hardness, water temperature, amount of algae present, as well as whether water is clear, turbid, flowing or static. Preferably the water should be clear with temperatures above 60 degrees F (15.6 degrees C). Higher dosages are required at lower water temperatures, higher algae concentrations and hard waters. Effective control of most algae species can be obtained with copper levels between 0.2 – 1.0 ppm metallic copper. Application should be done by pouring or spraying **COPERLATE DIRECTLY FROM THE CONTAINER INTO THE LAKES, PONDS, AND RESERVOIRS OR IRRIGATION CANALS**. Several application points speed up dispersal. In irrigation canals the preferred application is via the Drip Irrigation and Injection instructions contained on this label. Static water requires less chemical for algae control than does flowing water. Use higher dosages to control chara, nitella, and filamentous algae (pond scum) and lower dosages to control planktonic algae. If there is uncertainty about the dosage begin with a lower dose and increase until control is achieved or until the maximum allowable level has been reached. **Do not apply more than 1.0 ppm as metallic copper.**

Before treating bodies of water consult proper state authorities such as the Fisheries Commission or Conservation Department to obtain any necessary permits. **NOTE** If treated water is to be used as a source of potable water the metallic copper residual must not exceed 1 ppm.

CALCULATIONS FOR THE AMOUNT (VOLUME IN CUBIC FEET) OF WATER IMPOUNDED If the amount of water to be treated is unknown calculate water volume as follows: (1) Obtain surface area by measuring of regular shaped ponds or mapping of irregular ponds or by reference to previously recorded engineering data or maps. (2) Calculate average depth by sounding in a regular pattern and taking the mean of these readings or by reference to previously obtained data. (3) Multiply surface area in feet by average depth in feet to obtain cubic feet of water volume. (4) Alternatively multiply surface area in acres by average depth in feet to obtain total acre/feet of water. (5) For circular or elliptical shaped bodies of water volume can be obtained by multiplying $3.14 \times$ the radius of the body of water squared (radius \times radius) \times the average depth [(2) above].

CALCULATION OF WATER FLOW IN DITCHES, STREAMS, AND IRRIGATION SYSTEMS In ditches, streams, and canal type irrigation systems the amount of water flow in cubic feet per second is found by means of a weir or other measuring device. Multiply the water volume in cu. ft. times 7.5 to obtain gallons. If no weir or other measuring device is available water flow and volume can be estimated as: Average width \times Depth \times Velocity in feet/sec = Cubic Feet Per Second (CFS). Velocity can be determined by the time it takes for a floating object to move a given distance. This measurement should be made three to four times and the results should be averaged. Note: 1 CFS / Hr = 27,000 Gals.

CALCULATE GALLONS OF WATER TO BE TREATED AS FOLLOWS (1) To find the capacity of a water storage containment or impounded waters in gallons multiply the water volume in cubic feet times 7.5 or (2) if Acre/ft calculations were used multiply Acre/ft by 326,000 to obtain total gallons of water. (3) For flowing water measure in Cubic Feet Per Second: 1 CFS / HR = 27,000 gallons of water.

CALCULATIONS OF ACTIVE INGREDIENT TO BE ADDED IF RECOMMENDED USAGE RATE IS EXPRESSED IN PARTS PER MILLION (PPM) 1 Gallon of COPERLATE in 60,000 gallons of water yields 1 ppm of dissolved copper (metallic copper). If desired application rate is expressed in ppm: (1) Divide total gallons to be treated by 60,000 to yield total gallons of COPERLATE required to yield 1 ppm metallic copper. (2) Multiply the foregoing by the desired ppm treatment level to yield actual gallons required. Example: 240,000 gallons to be treated divided by 60,000 = 4 Gallons COPERLATE to achieve 1 ppm metallic copper. If a 0.2 ppm level is required then $4 \times 0.2 = 0.8$ Gallons COPERLATE required to achieve a 0.2 ppm metallic copper concentration.

SPECIFIC INSTRUCTIONS

To Control Algae in Impounded waters, Lakes, Ponds, and Reservoirs Apply 1 pint of COPERLATE in each 7,500 to 300,000 gallons of water to be treated. One pint (16 fluid ounces) of COPERLATE per each 7,500 to 300,000 gallons yields a range of 1 ppm (7,500 gallons) metallic copper down to 0.25 ppm (300,000 gallons) metallic copper. For best results apply to warm, still water on a sunny day when algae are near the surface.

To Control Algae in Aquaculture Systems Apply 1 pint of COPERLATE in each 7,500 to 300,000 gallons of water to be treated. One pint (16 fluid ounces) of COPERLATE per each 7,500 to 300,000 gallons yields a range of 1 ppm (7,500 gallons) metallic copper down to 0.25 ppm (300,000 gallons) metallic copper. For best results apply to warm, still water on a sunny day when algae are near the surface.

There are several methods by which to apply COPERLATE to impounded water. It may be applied from either the shoreline or from a boat. In smaller lakes, ponds, and reservoirs (bodies of water) shoreline application through an electrically or manually operated hand spray device is preferred. In larger lakes, ponds, and reservoirs either application from a boat or direct injection into the influent stream is preferred.

Shoreline Application

In smaller lakes, ponds, and reservoirs COPERLATE is most easily applied by using either an electrically or manually operated hand spray device (sprayer). REMOVE THE SPRAY NOZZLE from the sprayer so that when activated the spray device dispenses a straight stream rather than a spray pattern. This will minimize or eliminate the potential for any drift and enable you to project the dispensed stream of COPERLATE further away from the shore line than if the spray nozzle were attached. Always use a sprayer which is constructed of materials listed in the Storage and Handling Equipment listed on this label. Only use this method on calm days or when wind is less than 10 mph. Never use this method of application when wind is in excess of 15 mph or when you must stand down wind of the direction of application or in a position that could expose you to drift. Never treat more than 1/3 of the body of water at one time. Wait 10 to 14 days between applications.

1. Based on your developed knowledge of the body of water mark two points on opposing shorelines where, when drawing an imaginary line between them 1/3 the volume of water is on each side of the line. Verify your water volume calculations.
2. Determine the amount of COPERLATE required to treat the portion of the body of water selected in #1 above. Dilution of COPERLATE with clean water prior to application may be done so that uniform distribution is more easily accomplished.
3. Beginning at one mark on the shoreline simultaneously begin walking towards the other mark while projecting a stream of COPERLATE or COPERLATE solution to a point approximately 5 feet from the shoreline.
4. When the opposing mark has been reached reverse course and while walking back to the beginning mark project a stream approximately 10 feet from the shoreline.
5. Repeat steps 3 & 4 increasing the distance of stream projection from the shoreline by 5 feet each time until all COPERLATE is dispensed.

Boat Application Larger lakes ponds and reservoirs

In larger bodies of water probably the most satisfactory and simplest method is to apply COPERLATE within the body of water from a boat. A small pump mounted in the boat can easily be used for this purpose. When using this method COPERLATE is pumped from either its original container or a nurse tank (containing the amount of COPERLATE required for the application) into a hose (or manifolded gang of hoses) where hose(s) are trailing over the side or stern (back) of the boat and where the hose outlet is just below the surface of the water. While COPERLATE may be sprayed over the surface of the water application through hoses eliminates or minimizes risk of drift.

If spraying re read about spraying application in the General Information portion of this label. Mount spray boom or nozzles so that nozzle height is no more than 2 feet above water surface. Alternatively begin treatment along the shoreline and proceed outward until one third to one half of the total area has been treated. Follow procedure outlined for shore application for lakes ponds and reservoirs contained on this label.

To apply by boat the customary method is to make successive parallel applications across the body of water where the distance between each parallel line of application is from 20 to 200 feet. Initial application should be made along a line following the shoreline with subsequent lines of application being parallel to the initial line of application and made progressively further away from the shoreline.

- 1 Based on your developed knowledge of the body of water mark two points on opposing shorelines where when drawing an imaginary line between them not more than 1/3 the total volume of water within the lake pond or reservoir is on each side of the line
- 2 Determine the total amount of COPERLATE required for treating the selected portion of the body of water (Example 40 gallons)
- 3 Determine the distance between your parallel lines of application
- 4 Based on the surface area of the portion and shape of the body of water to be treated and the intended distance between parallel lines of application to be made determine the number of parallel lines of application to be made. Plot these lines reasonably to scale on chart paper
- 5 Sum the length (in feet) of all parallel lines of application. The result is the total distance you will travel during application (Example 20 000 feet)
- 6 Determine the speed (in mph) at which your boat will be traveling during application and convert this to Feet Per Minute (fpm) by multiplying mph X 88 (Example 5 mph X 88 = 440 fpm) or refer to the following table

MPH	2	3	4	5	6	7	8	9	10
fpm	176	264	352	440	528	616	704	792	880

- 7 Divide the total gallons of COPERLATE you intend to apply to the selected section of body of water by the total distance determined in #5 above. This result will provide you the fractional gallons of COPERLATE per foot you will apply (Example 40 divided by 20 000 = .002 gallons/ft)
- 8 Multiply the fractional gallons of COPERLATE you will apply per foot as calculated in #7 above times your travel speed in FPM. This result is the gallons per minute (gpm) at which you must set your pump (Example 440 fpm X .002 = 0.88 gpm)
- 9 Navigate to your starting point engage your pump and begin applying COPERLATE at your intended speed beginning close to the shoreline and proceeding outward in parallel lines of application
- 10 If at the end of application all COPERLATE required for the application has not been dispensed return to a line of application which on your application chart is about 1/3 of the way out from the shoreline. Then following your navigation chart continue applying until all COPERLATE has been used

CONTROL OF ALGAE AND BACTERIAL ODOR IN SEWAGE LAGOONS AND PITS (Except California) Application rates may vary depending on amounts of organic matter (sewage) in lagoons and pits. Application should be done by pouring COPERLATE directly from the container into the pit or lagoon. Several application points speed up dispersal. Use one gallon of full strength COPERLATE in 60 000 gallons (8 000 cubic feet) of sewage. For best results disperse COPERLATE evenly throughout sewage. Bacterial odors should be noticeably reduced in 1 or 2 weeks. Repeat application when odors reoccur.

Feedlot Run off Lagoons Add a portion of the required dosage of COPERLATE at several locations around the lagoon to speed dispersal of the product. A minimum of two applications per year (spring and fall) is recommended. Additional applications may be required as needed or when the lagoon is pumped. **Animal Containment Pits** If pits are located under the confinement buildings add COPERLATE directly to these pits. If the pits are outside insert or inject COPERLATE into the transfer line to the pit. **Other Organic Sludges** COPERLATE must be thoroughly mixed with sludge. Apply at the rate of one gallon COPERLATE in 60 000 gallons of sludge.

In Irrigation Conveyance Systems For continuous addition add one pint COPERLATE for each 7 500 300 000 gallons of water. Repeat on approximate 2 week intervals as required. For conveyance systems longer than 30 miles it is recommended that the above dosage be dispersed among injection points every 5 to 30 miles. However if the irrigation conveyance system is used for potable water do not exceed the total dosage of one gallon in 60 000 gallons of water.

Sprinkler Drip or Other Types of Irrigation Equipment COPERLATE must be applied continuously for the duration of the water application. Mixing instructions for dilutions of COPERLATE are 1 pint for each 7 500 to 300 000 gallons of water. Do not mix with basic substances. No agitation is required.

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Drip Irrigation & Injection Instructions Calculate the amount of **COPERLATE** needed to maintain the drip rate for a period of 4 hours by multiplying Pints/Hr by 4 OR Fluid Ounces/Minute by 240 This dosage will maintain the copper level at the required ppm for 4 hours **COPERLATE** must be introduced at a point of turbulence to insure proper dispersion Place the required amount of **COPERLATE** into a tank equipped with a needle valve and set the drip rate as required using a stop watch and a measuring device Alternatively use a chemigation or dosing device calibrated and adjusted to inject the desired amounts of **COPERLATE** Readjust as required if flow rates change Distance of control will vary Treatment points should be determined in the field and placed at required intervals for control Periodic maintenance treatments may be required

COPERLATE DRIP OR INJECTION RATE

Water Flow Rate		Algae Growth			
		Moderate (1 ppm as copper)		Light (0.2 ppm as copper)	
CFS	Gal /Min	Pints/Hour	Fluid Oz /Min	Pints/Hr	Fluid Oz /Min
1	450	3.6	1.0	0.7	0.2
2	900	7.2	1.9	1.4	0.4
3	1,350	10.8	2.9	2.2	0.6
4	1,800	14.4	3.8	2.9	0.8
5	2,250	18	4.8	3.6	1.0

TO CONTROL ALGAE IN RICE (Domestic and Wild) FIELDS Application should be made when algae have formed on the soil surface in the flooded field Applications are most effective when made prior to the algae's leaving the soil surface and rising to the water surface Depending on depth 1 quart to 1 gallon per acre is normally sufficient Use the lower rate at minimum flow and water depth and the higher rate at maximum water depth and flow Higher use rates are acceptable but never use more than 1ppm metallic copper The maximum use rate per acre should be determined by the water depth as shown in the table below and flow **COPERLATE** can be metered into the rice field as water is being applied or slug fed into each paddy when water is being held

Water depth (inches)	Maximum application rate (gallons/acre)
2	1.1
3	1.6
4	2.1
5	2.7
6	3.2

TO CONTROL TADPOLE SHRIMP IN RICE (Domestic and Wild) FIELDS Application should be made to the flooded fields any time the pest appears from planting time until the seedlings are well rooted and have emerged through the water Depending on depth 1.4 gallons per acre is normally sufficient Use the lower rate at minimum flow and water depth and the higher rate at maximum water depth and flow Higher use rates are acceptable but never use more than 2.5 ppm metallic copper Maximum use rate per acre should be determined by the water depth as shown below and flow

Water depth (inches)	Maximum application rate (gallons/acre)
2	2.7
3	4.0
4	5.4
5	6.8
6	8.1

There are several methods by which to apply **COPERLATE** to rice fields It may be applied from the shoreline by plane or from a boat (see Shoreline and Boat applications under Specific Instructions page 4.5)

For aerial applications insure all aircraft mounted components used to hold or distribute and spray Coperlate are constructed of materials outlined in the Application and Handling section of this label Never use materials for this application which are inconsistent with this labeling Insure all distribution connections are tight and free of leaks Failure to follow these instructions could result in the compromise of air frame integrity In this case air frame failure could result (see page 3 under General Information for further restrictions on spraying **COPERLATE**)

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

Pesticide Storage Store in a safe place away from pets and KEEP OUT OF THE REACH OF CHILDREN Store away from excessive heat COPERLATE will freeze Always store COPERLATE above 32 degrees F Freezing may cause product separation Seller makes no warranty for the performance of product which has been frozen Always keep container closed Store COPERLATE in its original container only Bulk COPERLATE shall be stored and handled in stainless steel fiberglass polypropylene PVCs or plastic equipment Keep away from galvanized pipe brass copper and any nylon or aluminum storage handling equipment

Pesticide Disposal Excess COPERLATE should be disposed of through use Do not contaminate lakes rivers or streams as this may cause fish kill Pesticide wastes are acutely hazardous Improper disposal of excess pesticide mixture or residue is a violation of Federal Law If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance In the event of a spill neutralize with limestone or baking soda before disposal May deteriorate concrete Do not re use empty container

Container Handling Nonrefillable container Do not reuse or refill this container
 (For containers greater than 5 gallons) Triple rinse as follows Empty the remaining contents into application equipment or a mix tank Fill the container / full with water Replace and tighten closures Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds Stand the container on its end and tip it back and forth several times Turn the container over onto its other end and tip it back and forth several times Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal Repeat this procedure two more times
 (For containers less than or equal to 5 gallons) Triple rinse as follows Empty the remaining contents into application equipment or a mix tank Fill the container / full with water and recap Shake for 10 seconds Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal Drain for 10 seconds after the flow begins to drip Repeat this procedure two more times
 Then offer for recycling or reconditioning if available or puncture and dispose of in a sanitary landfill or by incineration or if allowed by local authorities by burning If burned stay out of smoke

LIMITED WARRANTY AND LIMITATION OF REMEDIES

To the extent consistent with applicable law Seller warrants that the product conforms to the chemical description and is reasonably fit for the purpose stated on the label for the use under normal conditions but makes no other warranties of FITNESS OR MERCHANTABILITY expressed or implied or any other warranty if the product is used contrary to the label instructions or under abnormal conditions or under conditions not foreseeable to the seller In no case shall the seller be liable for more than the cost of this product to the buyer and will in no event be liable for any consequential special or indirect damages (including lost profits) connected with the use or handling of this product This product is offered and the buyer or user accepts it subject to the foregoing terms which may not be varied

CLL 05082012

ACCEPTED
 with COMMENTS
 In EPA Letter Dated
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