

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

December 17, 2021

Donna Bishel Director of Regulatory Affairs BioSafe Systems, LLC 22 Meadow St. East Hartford, CT 06108

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Revision to

Labeling to add Supplemental HEMP label, correct format, typos, text, and grammar

Product Name: GC PRO

EPA Registration Number: 70299-15

Application Date: 09/14/2021 OPP Decision Number: 00322088

Dear Ms. Bishel:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

At this time, the U.S. Environmental Protection Agency (EPA) is not requiring a change to the restricted-entry interval (REI) of 0 hour as it appears on your labeling in the Agricultural Use Requirements Box. The EPA is currently developing guidance and criteria for when it will allow a REI of less than 4 hours and might require a change to the REI for this product in the future. This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

The supplemental labeling contains some new and/or revised uses and/or directions that may be additional to the uses and/or directions found on the label on or attached to the container, but the supplemental labeling does not by itself constitute the complete set of use directions. The complete set of use directions is set forth on the container label as combined with the supplemental labeling.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

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Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact James Parker via email at parker.james@epa.gov.

Sincerely,

Andrew Bryceland, Team Leader Biochemical Pesticides Branch Biopesticides and Pollution Prevention Division (7511P)

Office of Pesticide Programs

Enclosure

GC Pro

ACCEPTED

Dec 17, 2021

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

70299-15

MASTER LABEL

Sublabel A: Aquatic and Agricultural/Horticultural-Uses, Turf, and **Container-Grown Plant Applications** Sublabel B: Swimming Pool, Hot Tub and Whirlpool Applications

(Alternate Brand Names: GreenCleanMAX, GreenClean PRO, TerraCyte Pro Algaecide/Fungicide, Oxybact Bactericide/Fungicide, PerCarb)

Active Ingredient:

Sodium Carbonate Peroxyhydrate*.....85.00% **Other Ingredients:**15.00% **Total:**100.00% *Contains 27.60% Hydrogen Peroxide by weight.

EPA Registration No. 70299-15 Batch Code EPA Establishment No. 067441-IL-001, 68660-TX-001, 9152-CA-1, 70299-NV-2, 70299-AZ-1

Manufactured by:

BioSafe Systems, LLC 22 Meadow Street East Hartford, CT 06108 Tel.: (888) 273-3088

Sublabel A: Aquatic and Agricultural/Horticultural Uses, Turf, and Container-Grown Plant Applications

GC Pro

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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			
• 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 eye.			
	Call a poison control center or doctor for treatment advice.			
If on skin or	Take off contaminated clothing.			
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.			
HOTI INE NUMBER				

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

See (inside)(back)(side)(panel)(label) for additional precautionary statements and directions for use.

EPA Registration No. 70299-15

Batch Code

EPA Establishment No. 067441-IL-001, 68660-TX-001, 9152-CA-1, 70299-NV-2

Manufactured by:

BioSafe Systems, LLC

22 Meadow Street, East Hartford, CT 06108

Tel.: (888) 273-3088

Net Contents: 15, 20, 50, 1000, 2000 lbs. [pounds]

(Note to Reviewer: Text in Brackets [] is optional. "This product" can be substituted with actual product name.)

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Handlers who may be exposed to the dilute through application or other tasks must wear: long-sleeved shirt and long pants, and shoes plus socks. Handlers who may be exposed to the concentrate through mixing, loading, application, or other tasks must wear: coveralls over long-sleeved shirt and long pants, rubber gloves, chemical resistant footwear plus socks, and protective eyewear (goggles or face shield). Follow manufacturer's instructions for cleaning/maintaining PPE. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS: Users should:

- Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet,
- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds. This product is highly toxic to bees and other beneficial insects exposed to direct contact on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area. Do not apply this product or allow it to drift to crops where beneficials are part of an integrated pest management strategy. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not use near waterbody margins during amphibian breeding seasons.

PHYSICAL AND CHEMICAL HAZARDS

Strong oxidizing agent. **Corrosive.** Do not bring in contact with other pesticides, cleaners or oxidative agents.

DIRECTIONS FOR USE

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with 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 this label about Personal Protective Equipment (PPE), notification to workers, and Restricted-Entry Interval (REI). The requirements in this box only apply to the uses of this product that are covered by the Worker Protection Standard.

For enclosed environments:

There is a restricted entry of one (1) hour for this product when applied via fogging or spraying to growing plants, surfaces, equipment, structures and non-porous surfaces in enclosed environments such as glasshouses and greenhouses. PPE requirement for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is coveralls worn over long-sleeved shirt and pants, waterproof gloves and shoes plus socks.

There is a restricted entry of zero (0) hours for pre-plant dip, seed treatment, soil drench, mop, sponge, dip, soak, rinse or other non-spraying or non-fogging application methods when used in enclosed environments such as glasshouses and greenhouses.

For field applications:

Keep unprotected persons out of treated areas until sprays have dried or dusts have settled.

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are **not** within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried or dusts have settled.

PRODUCT INTRODUCTION

Use [GC PRO] [this product] to suppress, control and/or prevent algae, [nostoc algae], [cyanobacteria], bacteria, fungi, moss and slime mold [in most water sites], [most non-painted surfaces], [on turf grasses] [and] [soil surfaces containing growing plants].

This product is not intended as treatment against any public health organism for any use on this label.

Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

Do not allow spray to drift from the application site and contact people or structures that people occupy.

[[GC PRO] [this product] is a bactericide/fungicide used to treat and control plant pathogens on indoor, greenhouse, and outdoor grown: ornamental plants, flowering plants, bedding plants, nursery stock, landscape plants, turf, and all agricultural crops including food crops.]

[[GC PRO] [this product] is a bactericide/fungicide used to treat and control plant pathogens on greenhouse grown vegetables, ornamental plants and turf.]

[[GC PRO] [this product] is a miticide used to treat and control twospotted spider mites.]

FOR USE IN THE FOLLOWING WATER SITES:

Ponds, Lakes, Lagoons, Fish Ponds, Water Gardens, Stock Tanks, Livestock Watering Ponds, Watering Troughs, Livestock Watering Systems, Packinghouse Process Water Systems, Golf Course Ponds, Industrial/Commercial Ponds, Impounded Waters, Standing Water, Bilge Water, Reservoir Water, Waterways, Storm Waters, Conveyance Ditches, Canals, Laterals, Drainage Systems, Irrigation Systems, Irrigation Ponds, Catch Basins, Flooded Areas, Sewage Systems, Sewage Lagoons, Wastewater, Drain Fields, Fire Ponds, Non-potable Watering Tanks, Non-potable Watering Systems, Storage Tanks, Non-potable Water Collectors and Domestic/Commercial Waters, Non-Chlorinated Swimming Areas, Rice Paddies and Fields

FOR USE INDOOR AND OUTDOOR-GROWN COMMODITIES:

Agricultural Commodities and Crops, Field Grown Crops, Tree Crops, Crops Grown in Commercial Greenhouses and Plastic Houses

Indoor, Greenhouse, and Outdoor grown: Ornamental plants, Flowering plants, Bedding plants, Nursery stock, Turf, and all agricultural crops including food crops.

WATER TREATMENT

Use GC Pro to treat, control, and prevent a broad spectrum of filamentous and planktonic blue-green algae, bacteria, and fungus. Effects of treatment are immediately apparent (bubbling, bleaching/discoloration of algae or fungus, floating of dead organic matter). Waters treated with GC Pro are permissible to be used without interruption.

APPLICATION INSTRUCTIONS

Measuring GC PRO

[Optional]

1.0 lb. [pound] of GC Pro = 11 Scoops 1.0 Tbs. of GC Pro = 1/3 Scoop 1.0 tsp. of GC Pro = 1/10 Scoop

Optional Chart

Number of Pounds	Number of Scoops	
1	11	
2	22	

FOR STOCK TANKS AND LIVESTOCK WATER:

Use GC Pro to suppress/control algae, bacteria and fungi in stock tanks, stock watering ponds, tanks and troughs, and livestock water. Apply 2-10 tablespoons per thousand gallons of water. The product can be simply added to the body of water for even distribution throughout the water column. Apply GC Pro as needed to control and prevent algae growth; make applications more frequently in times of higher water temperatures.

FOR AGRICULTURAL SPRAY IRRIGATION WATER, IRRIGATION PONDS, DRAINAGE WATER AND DITCHES:

Use GC Pro to suppress/control algae, bacteria, and fungi in agricultural irrigation waters, irrigation ponds, and drainage water and ditches. Apply 2-10 tablespoons per thousand gallons of water. The product can be simply added to the body of water for even distribution throughout the water column.

FOR SEWAGE WATER TREATMENT:

Use GC Pro for the control of bacteria and malodors caused by hydrogen sulfide gas. Apply 50-250 lbs. [pounds] of GC Pro per million gallons of water. For lagoons, wait 24 hours before adding beneficial bacteria.

FOR ALGAE CONTROL IN RICE/ WILD RICE FIELDS AND PADDIES:

After the field has been flooded to a depth of 4-6 inches, apply 10-25 lbs. [pounds] of GC Pro per acre as a broadcast or aerial spread by plane or other professional device at the first signs of algae. Applications are most effective when made before algae rises to the water surface. Reapply as needed in accordance with General Treatment Notes.

APPLICATION RATES

Full Water Volume Rates:

	HEAVY ALGAE GROWTH	LOW ALGAE GROWTH / MAINTENANCE			
GRANULAR:	50-300 pounds [lbs.] of GC Pro per	5-30 pounds [lbs.] of GC Pro per million			
Large	million gallons of water.	gallons of water.			
Volume	- or -	- or -			
	20-100 pounds [lbs.] of GC Pro per	2-10 pounds [lbs.] of GC Pro per acre-foot			
	acre-foot of water.	of water.			
For example: L	akes, ponds, lagoons				
GRANULAR:	2-10 tablespoons of GC Pro per 1,000	1-3 teaspoons of GC Pro per 1,000			
Small	gallons of water.	gallons of water.			
Volume		-			
	(16 Tbs. = 1 Cup) (2 Cups = 1 lb.)	(3 tsp. = 1 Tbs.)			
For example: Indoor or outdoor water gardens, fountains, ornamental waterfalls					

Surface Water Volume Only Rates:

Apply GC Pro to the top surface of the water for treatment of suspended and free-floating algae mats and blooms.

	HEAVY ALGAE GROWTH	LOW ALGAE GROWTH / MAINTENANCE
GRANULAR:	20- 100 pounds [lbs.] of GC Pro per	2-10 pounds [lbs.] of GC Pro per acre-foot
	acre-foot of water.	of water.
LIQUID:	Solution Preparation:	
	Due to solubility limitations, use at least [half] [¹ / ₂] pounds [lbs.] of GC Pro.	1 gallon of water to fully dissolve each 0.5
	Dissolution of GC Pro in cold water takes approximately 5 minutes.	
	Treatment Rates:	
	Use the same rates as the granular application given above.	

APPLICATION METHODS

SPREADING/BROADCASTING: Broadcast GC Pro with a mechanical spreader or by hand, directly on the water surface, from shore or a boat equipped with a spreader.

SPOT TREATMENT: Apply GC Pro directly over and into algae affected area. Repeat in areas as needed when and where algal growth reoccurs.

LIQUID: Make a solution with GC Pro (refer to liquid application rates). Spray this solution on the water surface from shore or a boat equipped with aquatic spray equipment. If using slurry, agitate constantly.

INJECTION: Make a solution with GC Pro (refer to liquid application rates). Inject this solution into the water via a piping system.

SUBSURFACE: Subsurface application can be performed using a dry fed induction or an agitated mixed slurry, delivered by a pumping system to the desired depth or bottom of water body. Please speak to a BioSafe Systems representative for more clarification on this process.

AERIAL: Apply directly to water surface using conventional aerial application equipment. Avoiding

spray drift at the application site is the responsibility of the applicator. The interactions of many equipment and weather-related factors determine the potential for spray drift. The applicator is responsible for considering all these factors when making decisions regarding application of this product.

GENERAL TREATMENT NOTES

- Control is most easily achieved when algae are not yet well established. <u>Treat when growth first begins</u> to appear. This is especially important in the prevention of clogged irrigation systems, pumps, filters etc.
- Apply <u>early</u> in the day under <u>calm</u>, <u>sunny</u> conditions, and when water temperatures are warm. Sunlight and higher temperatures both enhance GC Pro activity.
- Apply in a manner that will ensure <u>even distribution</u> of GC Pro within the treatment area, while increasing the rates in areas of heavier algae density.
- Break up any heavy floating algae mats before or during application.
- <u>Skim</u> any dead algae and organic matter that rises to the water's surface after treatment. Allowing dead organics to sink and decay will provide a food source and additional nutrients that stimulate algae re-growth and further blooms.
- If using in conjunction with other water additives (such as bacteria or enzymes), always apply GC Pro first and wait several hours before adding any other products.
- Re-treat areas if re-growth begins to appear. Allow 48 hours between consecutive treatments.
- After application, do not allow undiluted granules to remain in an area where humans or animals are exposed.
- Non-target plants will suffer contact burn if undiluted granules are accidentally spilled on them.
 Do not apply in such a way that the concentrated product comes in contact with grass, ornamentals and other foliage.
- Do not tank-mix with aquatic herbicides or algaecides containing copper or bromides.
- 100 pounds [lbs.] of GC Pro per million gallons of water = 4ppm of sodium.

EFFECTIVENESS FACTORS

- Effects of GC Pro treatment are immediately apparent (bubbling, bleaching/discoloration of algae, floating dead organic matter).
- GC Pro treatments are successful when the product makes contact with the algae.
- Liquid applications will not sink through the water column as readily as a granular application.
- When treating surface mats and blooms, it is possible that GC Pro will not penetrate the water column below the infested area, and a second application is then required for treating any bottom growing algae.
- Apply more often during the summer months when water temperatures are high.

FOR USE ON THE FOLLOWING NON-PAINTED SURFACES:

Floors, Walkways, Storage Areas, Patios, Decks, Railings, Roofs, Farm Equipment, Postharvest Equipment, Tools, Harvesting Equipment, Turf Equipment, Metal Structures, Greenhouse/Nursery Walkways, Industrial/Commercial Facility Walkways, Walls, Greenhouse Benches, Fan Blades, Vats, Tanks, Coolers, Storage Rooms, Bins, Elevators, Storage Areas, Spray Equipment, Conveyors, Irrigation Systems, Asphalt Shingles, Siding, Fiberglass, Boats, Piers, Docks, Stairs, Ramps, Ground Cover Mats, Weed Control Mats, Animal Bedding and Litter, Concrete, Brick, Tile, Slate, Granite, Statues/Monuments, Outdoor Furniture, Tennis Courts (non-grass), Nursery Yards, Shorelines, Gravel, Dirt Floors, Under Benches, and Other Non-Painted Surfaces

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SURFACE TREATMENT

Use GC Pro on all listed non-painted surfaces, to prevent and control algae, [nostoc algae], [cyanobacteria], odor-causing bacteria, plant pathogens, moss, fungus, liverwort, molds, slime molds and their spores, and the odors and conditions that these organisms cause.

Use on surfaces and equipment: industrial/commercial facility walkways, greenhouse/nursery walkways, ground cloth, weed mats, floors, walls, on and under greenhouse benches, fan blades, watering systems, vats, tanks, coolers, storage rooms, bins, elevators, storage areas, spray equipment, conveyors, irrigation systems, trucks, and related equipment. Use in areas that promote slippery conditions and slip hazards caused by algae and slime molds.

APPLICATION INSTRUCTIONS

POTS, FLATS, TRAYS AND CUTTING TOOLS: Use GC Pro to suppress/control the spread of plant pathogens, fungi, and slime-forming algae. Use ¼ lb. of GC Pro per gallon of clean water. Spray equipment thoroughly or soak tools to ensure complete coverage.

BENCHES AND WORK AREAS: Sweep and remove all plant debris. Use a power sprayer to wash all surfaces to remove loose dirt. Use ¼ lb. of GC Pro per gallon of clean water. Apply as a spray or foam ensuring complete coverage. Scrub to remove heavy growths of algae and fungi.

DUMPSTER AND TRASH CAN TREATMENT: Use GC Pro to suppress/control odor-causing bacteria in dumpsters and trash cans. Sprinkle 1/8- 1/4 lb. of GC Pro per 125 sq. ft. of surface area into the bottom of empty dumpster. Make applications over a damp surface or moisten with water immediately after treatment.

FOR HARD, NON-POROUS, NON-PAINTED SURFACES AND EQUIPMENT: Use GC Pro at a rate of 0.5-2 lbs. per 1,000 square feet of area to be treated. Apply as granular, liquid or foam, following Application Instructions below.

NOSTOC ALGAE AND CYANOBACTERIA TREATMENT: Use [GC PRO] [this product] to suppress/control nostoc algae and cyanobacteria at a rate of 4-10 lbs. per 1,000 square feet of area to be treated. Apply as granular, liquid, or foam, following Application Instructions below.

GROUND/SURFACE RATES:

	HEAVY ALGAE GROWTH	LOW ALGAE GROWTH	
GRANULAR:	1-2 pounds [lbs.] of GC Pro per	0.5-1 pounds [lbs.] of GC Pro per	
	1,000 square feet of area.	1,000 square feet of area.	
	(1 lb. = 2 cups)	(1 lb. = 2 cups)	
	Make granular applications over	a wet surface or activate with water	
	immediately following application.		
LIQUID:	Solution Preparation:		
	Due to solubility limitations, it is necessary to use at least 1 gallon of water		
	to fully dissolve each 0.5 [half] [1/2] pounds [lbs.] of GC Pro.		
	Dissolution of GC Pro in cold water takes approximately 5 minutes.		
	Treatment Rates:		
	Use the same rates as the granular application given above. Spray solution		
	on the desired treatment surface.		

FOAM:	Solution Preparation:		
	Follow the Liquid solution preparation instructions above.		
	Add 2.0-5.0 fluid ounces of an alkaline-based foam, such as BioSafe		
	Systems "BioFoamer", per gallon of finished solution. Spray solution on the		
	desired treatment surface.		
	Treatment Rates:		
	Use the same rates as the granular/liquid application given above.		

Animal Bedding and Litter Rates for Livestock Barns, Stalls, Poultry Houses and Holding Pens:

Solution Preparation:	
Due to solubility limitations, it is necessary to use at least 1 gallon of water to fully	
dissolve each 0.5 pounds [lbs.] of GC Pro.	
Dissolution of GC Pro in cold water takes approximately 5 minutes.	
Treatment Rates:	
Mix ½ lb. of GC Pro in one gallon of clean water. Spray mixed solution over bedding	
and/or litter to be treated. Repeat as necessary or every other day.	
Incorporate GC Pro thoroughly into litter or bedding 3-5 days prior to animals being	
present. Apply at a rate of 6-10 lbs. [pounds] per 1,000 sq. ft. Apply higher application rates under water lines and inlets. Moisture will activate product.	

Application Via Foot Mats, Foot Pads, Walk Through Trays:

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LIQUID:	Apply GC Pro via foot mats, foot pads and walk-through trays to prevent the
	tracking and spread of dirt, fungi, and slime-forming algae in greenhouses,
	nurseries, farms, aquaculture production facilities, fisheries, hatcheries, aquariums,
	zoos, kennels, and livestock barns.
	Solution Preparation:
	Make a solution using ¼-½ lb. of GC Pro per gallon of water. Fill foot mat, food pad
	or walk-through tray to capacity. Use the stronger rate for applications with heavy
	soil loading. Change solution as needed.

APPLICATION METHODS

SPREADING/BROADCASTING: Broadcast GC Pro with a mechanical spreader or by hand. A lawn spreader or any other applicator that will ensure uniform coverage is acceptable.

SPOT TREATMENT: Apply GC Pro directly over algae covered area. Retreat when heavy growth occurs.

LIQUID: Make a solution with GC Pro (refer to liquid application rates for mixing instructions). Spray this solution on the desired treatment surface.

FOAM: Make a solution with GC Pro (refer to foam application rates for mixing instructions). Spray this solution on the desired treatment surface. Use a foamer, such as the BioSafe BioFoamer, to apply.

GENERAL TREATMENT NOTES

- Control is most easily achieved when growth is not yet well established. <u>Treat when growth first begins</u> to appear.
- Apply in a manner that will ensure even distribution of GC Pro within the treatment area.

- GC Pro is <u>water activated</u>. Watering before application is preferred over misting after application because it prevents over watering leading to a reduced effectiveness.
- When treating soil, gravel or other similar media, apply and incorporate GC Pro to an inch below the surface line, for optimum effectiveness.
- Apply GC Pro at <u>maintenance</u> rates every 5-7 days or as needed to control new or established conditions.
- After application, do not allow undiluted granules to remain in an area where humans or animals are exposed.
- Non-target plants will suffer contact burn if undiluted granules are accidentally spilled on them. Do not apply in such a way that the concentrated product comes in contact with grass, ornamentals and other foliage.
- <u>Do not tank mix</u> with aquatic herbicides or algaecides containing copper or bromides. Always apply GC Pro at least one day prior to the application of these products.

INDOOR AND OUTDOOR-GROWN CROPS, ORNAMENTALS, BEDDING PLANTS, FLOWERING PLANTS, SHRUBS, AND TREES GROWN IN GREENHOUSES OR OUTDOORS

GC Pro is a broad-spectrum fungicide/bactericide used to treat and control the listed diseases and plant pathogens.

Compatibility:

GC Pro is compatible as a tank-mix with many commonly used pesticides, fertilizers, adjuvants and non-ionic surfactants but has not been fully evaluated with all of these. Do not tank mix GC Pro in spray tanks with pesticides, surfactants or fertilizers before conducting a compatibility test to show it is physically compatible, effective and non-injurious under your use conditions.

To ensure compatibility, evaluate them prior to use as follows: Using a suitable container, add proportional amounts of product to water. Add wettable powders first, followed by water dispersible granules, then by liquid flowables and lastly, emulsifiable concentrates. Mix thoroughly and let stand for at least five minutes. If the combination stays mixed or can be remixed, it is physically compatible. Excessive bubbling and/or pressure are indications of incompatibility. Test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application.

PLANT SENSITIVITY TESTING:

Be sure to use GC Pro at labeled dilutions as solutions more concentrated can result in leaf necrosis for some crops (i.e., do not use at concentrations greater than labeled rates). GC Pro provides a balanced source of the active ingredient directly to the plant surface. GC Pro has been used and tested on many varieties of plant material; however, the nature of the target plant, environmental conditions, plant vigor and the use of other pesticides can all affect plant sensitivity to GC Pro. Therefore, before treating large numbers of plants, test GC Pro on a few plants for sensitivity.

Application of GC Pro for curative control of obligate organisms living in the plant tissue (such as Downy and Powdery Mildew) can result in lesions on plant tissue. GC Pro will oxidize parasitic organisms living in plant tissue that are not always visible to the naked eye. Resulting oxidative effects can include spotting or drying of the plant tissue where organisms inhabited tissue.

MIXING INSTRUCTIONS:

GC Pro will go into solution with clean water at no more than ½ pound [lbs.] per one (1) gallon of water. Dissolution of GC Pro in cold water takes approximately 5 minutes, less in warm water. When mixing, fill the spray tank one-half full of water, add GC Pro slowly to the clean tank, while hydraulic and or mechanical agitation is operating. The additions of any spreaders should be added only after they have been predetermined to be chemically compatible with GC Pro.

GC Pro works best when diluted with water containing low levels of organic or inorganic materials, and with water having a neutral pH. Thoroughly rinse out tank with water before mixing.

Before tank mixing with fertilizers, fungicides, or bactericides, conduct a compatibility test for each combination. Make a test solution and shake or stir vigorously. Excessive bubbling and/or pressure are indications of incompatibility.

Do not mix GC Pro with other products with an acidic pH. Do not adjust pH after mixing of product. Acidification of solution will cause reduced product performance.

GC Pro is a strong oxidizing agent and may react with residues of metal-based fungicides or supplements. Do not apply GC Pro as a foliar spray immediately following foliar applications of metal-based products. Allow at least 24 hrs. after application of metal-based products before applying GC Pro as a foliar spray. Check the label of the metal-based product prior to application for specific instructions for use with other fungicide products.

Note: Use spray solutions within two hours of preparation, do not store and reuse mixed spray solution.

FOLIAR APPLICATION TIMING:

Begin preventative applications at low rates when conditions are favorable for disease development such as rainy weather or during periods of high relative humidity. Maintain a 7-10 day spray interval. Begin using high rate at first sign of disease. Maintain a 7-day spray interval until control is achieved.

Note:

For sensitive crops, such as spinach and Swiss chard, do not exceed concentrations greater than one (1) lb. [pound] per 100 gallons of water and increase spray frequency.

- Do not apply this product through any type of irrigation system.
- Do not apply directly to soil as a directed spray or drench.

EARLY AND LATE DORMANT SPRAY APPLICATION INSTRUCTIONS

[Optional Text: For dormant spray applications, follow directions on the Crop and Diseases Application Chart Application Rates and Directions Chart.]

Use as a dormant spray for early and late season applications on tree nuts, tree fruits, small fruits, berries and vine crops prior to bud opening. Prepare a solution by mixing 0.75-1.0 lbs. of GC Pro per 25 gallons of water (3-4 lbs. [pounds] per 100 gallons of water). For early and late season applications on woody ornamentals, nursery stock, shade and fruit and nut trees, roses, azaleas and small fruits prior to bud opening. Do not apply during bloom. Prepare a solution by mixing 4.8 – 6.5 oz. of GC Pro per 10 gallons of water (3-4 lbs. [pounds] per 100 gallons of water). Use 10 gallons of spray solution to treat up to 1,000 sq. ft. Use up to 400 gallons of spray solution per acre. For the most effective results, use enough volume of spray solution to obtain complete and uniform coverage.

GC Pro Dilution Rate	Lbs. [Pounds] of GC Pro per Acre			
lbs. [pounds] /25 gallons of water	Total Spray Volume (Gallons/Acre)			
ibs. [pourids] 725 gailoris of water	50	100	200	400
0.25	0.50	1	2	4
0.50	1.0	2	4	8
0.75	1.5	3	6	12
1.0 (Dormant Sprays Only)	2	4	8	16

FOLIAR SPRAY APPLICATION INSTRUCTIONS

Apply as a foliar spray throughout the growing season on the listed crops and diseases. [See **Application Rates and Directions Chart**.]

Apply using backpack, hand-held, high volume, and boom or ground sprayer. For best results, use a properly calibrated sprayer or similar equipment. Check equipment and calibrate frequently.

GC Pro works by surface contact with the plants and materials being treated. It is important to ensure that all surfaces are thoroughly wet. GC Pro does not produce a distinct odor or deleterious effects to plants when used in accordance with label directions. Do not use at stronger than recommended rates, as leaf burn may result.

Prepare a solution by mixing 0.25-0.75 lbs. [pounds] (4-12 oz.) of GC Pro per 25 gallons of water (1-3 lbs. [pounds] per 100 gallons of water). Use up to 400 gallons of spray solution per acre. For the most effective results, use enough volume of spray solution to obtain complete and uniform coverage of foliage and stems. Spray solution volume per acre will vary depending on crop type and stage of development.

FOLIAR SPRAY TREATMENTS

Use GC Pro as a contact foliar fungicide/bactericide to treat and control plant pathogenic diseases on outdoor grown ornamental trees, and field grown crops. This product can be used on the following crops including but not limited to: tree crops, berries, small fruits, vine crops, or other crops grown in similar sites. See the **Application Rates and Directions Chart**.

GC Pro may be applied up to and including the day of harvest.

[California Only Text:]

Use GC Pro as a contact foliar fungicide/bactericide to treat and control specific plant diseases on outdoor grown ornamental trees and the following crops, including but not limited to: carrots, curcurbits, and fruiting vegetables.

- Carrots, Cucurbits, Leafy Greens, and Strawberries: Powdery Mildew
- Fruiting Vegetables: Bacterial Leaf Spot
- Pome Fruit: Scab
- Grapes: Botrytis, Powdery Mildew, Trunk Diseases
- Walnuts: Walnut Blight, Walnut Botryosphaeria Blight
- Ornamental Trees: Algal Leaf Spot

Other Uses: Hemp: Botrytis

Use GC Pro as a contact foliar insecticide on the following crop:

Hops: Twospotted Spider Mite

Application Rates and Directions Chart

[GC PRO][This product] can be used on the following crops, including but not limited to:

Crops	Disease(s)	Rate - Ibs. [pounds] per 100 gallons of water
Asparagus	Asparagus Rust	Foliar 1-3 lbs. [pounds]

Berries: Blackberry Blueberry Cranberry Raspberry	Alternaria Botrytis Downy Mildew Mummy Berry Leaf Blight Powdery Mildew Fruit Rot	Foliar: 1-3 lbs. [pounds] Dormant: 3-4 lbs. [pounds]		
	Rust	Apply in early and late dormancy prior to bud break.		
Bulb Vegetables: Garlic Green Onions Leeks Onions Scallions Shallots	Alternaria Leaf Blight Bacterial Leaf Blight Botrytis Rot Downy Mildew Powdery Mildew	Do not apply to blooming crops. Foliar: 1-3 lbs. [pounds]		
Cereal Grains & Commodities: Barley Corn (field) Millet Oats Popcorn Rice Rye Sorghum (Milo) Soybeans Sweet Corn Wheat Wild Rice	Anthracnose Bacterial Leaf Blight Blast Brown Leaf Spot Common Rust Common Smut Downy Mildew Leaf Smut Sheath Blight	Foliar: 1-3 lbs. [pounds]		
Citrus Crops: Citrus Hybrids Grapefruit	Alternaria Anthracnose Brown Rot Citrus Canker	Foliar: 1-3 lbs. [pounds]		
Kumquat Lemon Lime Orange Tangerine	Powdery Mildew Rust Scab	Dormant: 3-4 lbs. [pounds] Apply in early and late dormancy prior to bud break. Do not apply to blooming crops.		
Coffee	Bacterial Blight Leaf Rust	Foliar: 1-3 lbs. [pounds]		
Cole Crops: Broccoli Brussels Sprouts Cabbage Cauliflower Collards Kale	Black Rot Downy Mildew Powdery Mildew	Foliar: 1-3 lbs. [pounds]		
Cotton	Angular Leaf Spot	Foliar: 1-3 lbs. [pounds]		

Cucurbit Crops: Cucumber Melons Pumpkin Squash	Alternaria leaf spot Angular Leaf Spot Anthracnose Bacterial Wilt Downy Mildew Gummy Stem Blight Leaf Spot Phytophthora Blight/Fruit Rot Powdery Mildew	Foliar: 1-3 lbs. [pounds]
Forage and Fodder Crops: Alfalfa Hay Clover Trefoil Lupine Grasses	Cercospora Leaf Spot	Foliar: 1-3 lbs. [pounds]
Fruiting Vegetables: Eggplant Peppers Tomatoes Tomatillos	Anthracnose Bacterial Spot Bacterial Speck Bacterial Wilt Botrytis Gray Mold Early Blight Late Blight	Foliar: 1-3 lbs. [pounds]
Globe Artichokes	Black Rot Botrytis Blight / Gray Mold Crown Rot Powdery Mildew	Foliar: 1-3 lbs. [pounds]
Grapes	Botrytis Gray Mold Downy Mildew Powdery Mildew	Foliar: 1-3 lbs. [pounds]
	Sour Rot	Dormant: 3-4 lbs. [pounds]
		Apply in early and late dormancy prior to bud break. Do not apply to blooming crops.
Herbs and Spices: Basil Chives Cilantro Coriander Dill Mint Rosemary Sage	Anthracnose Downy Mildew Powdery Mildew	Foliar: 1-3 lbs. [pounds] Special Note: For sensitive crops do not exceed concentrations greater than 1 lbs/100 gallons of water and increase spray frequency.
Hops	Downy Mildew	Foliar: 1-3 lbs. [pounds]
	Powdery Mildew Twospotted Spider Mite	Foliar: 6 lbs. [pounds]

· ·	T	I =
Leafy	Anthracnose	Foliar: 1-2 lbs. [pounds]
Vegetables:	Botrytis Gray Mold	
Arugula	Downy Mildew	Special Note:
Celery	Powdery Mildew	For sensitive crops do not exceed
Chickory Root	Rust	concentrations greater than 1 lbs/100
Endive		gallons of water and increase spray
Fennel		frequency.
Lettuce		
Spinach		
Rhubarb		
Radicchio		
Swiss Chard		
Legumes:	Anthracnose	Foliar 1-3 lbs. [pounds]
Chick Peas	Bacterial Blight	Tollar 1-5 lbs. [pourlds]
Dry Beans	Powdery Mildew	
Lima Beans	Rust	
Peas	White Mold	
	vvriite iviola	
Snap Beans		
Soybeans Peanuts	Duet	Folion 4.2 lbo [nounda]
Peanuts	Rust	Foliar: 1-3 lbs. [pounds]
	Leaf Spot	
"		5 " 4 O " 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Pome Fruits:	Cedar Apple Rust	Foliar: 1-3 lbs. [pounds]
Apples	Fire blight	
Pears	Flyspeck	
Loquats	Powdery Mildew	
Mayhaws	Rusts	Dormant: 3-4 lbs. [pounds]
Quince	Scab	Domant. 3-4 lbs. [pounds]
	Sooty Blotch	Apply in early and late darmanay prior
		Apply in early and late dormancy prior
		to bud break.
Doot 9 Tuber	Alternaria Loof Crat/Dlight	Do not apply to blooming crops.
Root & Tuber	Alternaria Leaf Spot/Blight	Foliar: 1-3 lbs. [pounds]
Vegetables:	Bacterial Leaf Spot/Blight	
Artichokes	Early Blight	
Beets	Late Blight	
Carrots	Leaf Spot	
Ginseng	Powdery Mildew	
Horseradish	Brown Rot	
Parsnip	White Mold	
Potatoes		
Radish		
Rutabaga		
Sugar Beets		
Sweet Potatoes		
Taro		
Turnips		
Yams		
Stone Fruits:	Botrytis Blight	Foliar 1-3 lbs. [pounds]
1		

Apricots Cherries	Brown Rot / Blossom Blight Cherry Leaf Spot	Dormant: 3-4 lbs. [pounds]
Nectarines	Leaf Spot	Apply in early and late dormancy prior
Peaches	Powdery Mildew	to bud break.
Plums	Rust	Do not apply to blooming crops.
Prunes	Scab	
Strawberries	Angular Leaf Spot Anthracnose Botrytis Fruit Rot Powdery Mildew	Foliar 1-3 lbs. [pounds]
Tobacco (Field/Float Beds)	Blue Mold	Foliar 1-3 lbs. [pounds]
Tree Nuts: Almonds Brazil Nuts	Alternaria Leaf Spot / Blight Anthracnose Brown Rot	Foliar 1-3 lbs. [pounds]
Cashews Filberts	Bacterial Blight Bacterial Canker	Dormant: 3-4 lbs. [pounds]
Macadamias Pecans	Jacket Rot Walnut Blight	Apply in early and late dormancy prior to bud break.
Pistachios Walnuts	Leaf Spot Leaf Blight Filbert Blight Powdery Mildew Botryosphaeria Blight Phomopsis Blight Rust Scab	Do not apply to blooming crops.
Tropical Fruit: Avocado Casaba Coconut Dates Guava	Alternaria Anthracnose Bacterial Leaf Spot Black Spot Leaf Blight Powdery Mildew	Foliar: 1-3 lbs. [pounds]
Kiwi Mango	Sooty Mold	
Papaya Passion Fruit Poi		
Star Fruit		

OTHER USES:

Plant	Disease(s)	Rate - Ibs./ [pounds] per 100 gallons of water
Hemp	Anthracnose Bacterial Leaf Spots Botrytis Blight/Gray Mold Fusarium Foliar/Flower Blight Fungal Leaf Spots Hemp Canker Powdery Mildew Rust Stem Canker	Foliar: 1-3 lbs. [pounds]

FOR USE ON ORNAMENTALS: Use GC Pro as a contact foliar fungicide/bactericide to treat and control plant pathogenic diseases on greenhouse, lathhouse, shadehouse, commercial and residential landscapes, interiorscapes, nursery, container production and field applications.

If produced outdoors: Prepare a solution by mixing 1-3 lbs. [pounds] per 100 gallons of water. Use GC Pro as a contact foliar fungicide/bactericide to treat and control plant pathogenic diseases on bedding plants, flowering plants, foliage plants, nursery stock, roses, container plants, azaleas, rhododendrons, conifers, shade trees, woody and herbaceous ornamentals ornamental shade and fruit and nut trees, greenhouse grown fruits, vegetables and other crops.

If produced indoors: Prepare a solution by mixing 1.5-4.8 oz. (3-10 tbsp.) of GC Pro per 10 gallons of water (1-3 lbs. [pounds] per 100 gallons of water).

Good coverage and wetting of the foliage are necessary and required. GC Pro may be applied up to and including the day of harvest.

FOR USE ON GREENHOUSE/INDOOR-GROWN CROPS:

Use GC Pro on the following greenhouse/indoor crops:

Small Fruits: Blackberries, Blueberries, Raspberries, Strawberries.

Citrus Crops: Citrus Hybrids, Grapefruit, Kumquat, Lemon, Limes, Orange, Tangerine. **Herbs & Spices:** Basil, Chives, Cilantro, Coriander, Dill, Mint, Oregano, Rosemary, Sage.

Cucurbit Crops: Cucumber, Melons.

Fruiting Vegetables: Eggplant, Peppers, Tomatoes, Tomatillos.

Leafy Vegetables: Lettuce, Microgreens.

Miscellaneous Crops: Tobacco, Hops and Herbs.

Other Uses: Hemp

[GC Pro controls the following diseases: Alternaria Blight, Anthracnose, Blackspot, Botrytis Blight, Botrytis Gray Mold, Cercospora Leaf Spot, Corynespora Leaf Spot, Downy Mildew, Erwinia, *Monilinia* spp., *Penicillium* spp. Phomopsis Blight, Powdery Mildew, Pseudomonas, Rust, Rhodococcus, Scab, Septoria Leaf Spot, Xanthomonas.]

GC Pro may be applied up to and including the day of harvest.

APPLICATION INSTRUCTIONS:

Apply using backpack, hand-held, high volume, and boom or ground sprayer. For best results, use a properly calibrated sprayer or similar equipment. Check equipment and calibrate frequently.

GC Pro works by surface contact with the plants and materials being treated. It is important to ensure that all surfaces are thoroughly wet. GC Pro does not produce a distinct odor or deleterious effects to plants when used in accordance with label directions. Do not use at stronger than recommended rates, as leaf burn may result.

Prepare a solution by mixing 1.5-4.8 oz. (3-10 tbsp.) of GC Pro per 10 gallons of water (1-3 lbs. [pounds] per 100 gallons of water). Use 10 gallons of spray solution to treat up to 1,000 sq. ft. Refer to Application Rate Chart, below.

For the most effective results, use a sufficient volume of spray solution to obtain complete and uniform coverage of foliage and stems. Spray solution volume per unit area will vary depending on crop type and stage of development.

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Foliar Application Rates

Amount of GC Pro	Volume of water	Treatment Area
1.5-4.8 oz. (3-10 tbsp.)	10 gallons	500-1,000 sq. ft.
1-3 lbs. (2-6 cups)	100 gallons	5,000-10,000 sq. ft.
4-12 lbs. (8-24 cups)	400 gallons	0.5-1 acre

Special Instructions for Bedding Plants and other Sensitive Species: For sensitive species and bedding plants, such as impatiens and pansies, use the low rate of 1.5 oz./10 gallons of water per 1,000 sq. ft. and increase spray frequency. **Discontinue applications when blossom buds become visible.**

Special Instructions for Poinsettia; Use the low rate of 1.5 oz./10 gallons of water per 1,000 sq. ft. weekly during vegetative growth prior to bract formation.

- Do not apply this product through any type of irrigation system.
- Do not apply directly to soil as a directed spray or drench.

TURF TREATMENT

FOR USE ON TURF GRASSES:

Apply GC Pro to well-established lawns (at least one growing season old), golf course fairways, greens, and tees to control/suppress algae, moss, liverwort(s), [nostoc algae], [cyanobacteria], bacteria, slime molds, bacterial and fungal diseases on turf, and the conditions that these organisms may cause.

FOR USE AS A TREATMENT FOR ALGAE, MOSS AND SLIME MOLD:

Use GC Pro for the prevention and control of algae, fungi, moss, slime molds and their spores on well-established (at least one growing season old), lawns, golf course fairways, greens, tees turf and golf greens.

FOR USE AS A TREATMENT FOR TURF DISEASE:

Use GC Pro for the prevention and control of Snow Mold, Brown Patch, Anthracnose, Yellow Tuft, Summer Patch, Fairy Ring, Dollar Spot, *Pythium*, and *Phytophthora* on well-established (at least one growing season old) lawns, golf course fairways, greens and tees.

APPLICATION INSTRUCTIONS:

The best time of year to apply GC Pro for curative applications is either the spring or fall when temperatures are 50°F or above. During summer months, use GC Pro for spot treatments.

<u>Liquid Directions</u>: Make a liquid solution of GC Pro by diluting ½ [0.5] [half] lb. [pound] per one (1) gallon of water. (Dissolution of GC Pro in cold water will take approximately 5 minutes). Spray evenly over area to be treated. Make subsequent applications by diluting ¼ lb. [pound] of GC Pro per one (1) gallon of water. GC Pro may be applied in the same area up to 3 consecutive days. Repeat treatment when disease reappears. The optimum application time is early morning or late afternoon.

Mix GC Pro only with water, and at the recommended rates. Do not mix GC Pro with any other substances.

Granular Directions: GC Pro is activated by moisture and must be watered in after application. Apply 6 pounds [lbs.] of GC Pro per 1,000 square feet. When using a drop spreader, uniform coverage is essential for best results. Refer to the tables below 2, 3 and 4, and 5 for specific spreader settings. Avoid overlap when applying product to turf. If applying on greens, always open up the spreader off of the green and on the collar.

Activate GC Pro with water <u>immediately</u> following application (see Application Rate Table). Water to specified amount, or for at least 10 minutes.

When making subsequent applications, apply 2-4 pounds [lbs.] of GC Pro per 1,000 square feet. Repeat applications when algae, moss, or slime molds reappear. GC Pro can be applied in the same area up to 3 consecutive days. The optimum application time is early morning or late afternoon.

During summer months, use GC Pro for spot treatments. For spot treatments apply GC Pro directly to diseased area.

Application Rate

Application Rate	Amount of water (inches) applied by sprinkler
Lbs. [pounds] per /1,000 ft ² [square feet] [sq. ft.]	irrigation
2	1/10"
4	1/10"
6	1/10"
8	1/8"

Scotts and Prizelawn Drop Spreader Settings

Scotts and Prizelawn		
Rate in Lbs[pounds] per /1,000	Spreader Setting*	
ft ² [square feet] [sq. ft.]		
2	N/a	
4	2	
6	2 ½	
8	3	

^{*} Use disbursement bars

Gandy Drop Spreader Settings

Gandy Rate in Lbs. [pounds] per	Spreader Setting* @ 4 mph	Spreader Setting @ 6 mph
/1,000 ft ² [square feet] [sq. ft.]		
2	12	14
4	16	19
6	19	22
8	21	24

^{*}Use disbursement bars

LESCO Rotary Spreader Settings

LLOGO Rotary Opreader Getting	_
LESCO	
Rate in Lbs. [pounds] per /1,000	Spreader Setting
ft ² [square feet] [sq. ft.]	
2	6
4	8
6	9
8	11

FOR USE ON ARTIFICIAL TURF:

Use GC Pro for the prevention and control of algae, fungi, moss, slime molds and their spores. Make a liquid solution of GC Pro by diluting ½ [0.5] [half] lb. [pound] of the granular for each gallon of water. (*Dissolution of GC Pro in cold water will take approximately 5 minutes*). Spray evenly over area to be treated. Allow to thoroughly dry before use. Repeat treatment if disease reappears.

SOIL SURFACES CONTAINING GROWING PLANTS

Apply GC Pro to soil surfaces for the prevention and control of algae, [nostoc algae], [cyanobacteria], bacteria, moss, liverworts, slime molds and their spores. Use in containers and planters for ornamental plants.

FOR USE ON NURSERY CONTAINER PLANTS AND TREES:

Use GC Pro on the soil surface of container-grown plants and trees. GC Pro works by surface contact.

APPLICATION INSTRUCTIONS:

<u>Granular Directions</u>: Make granular applications over dry surfaces at a rate of 8-10 lbs. per 1,000 sq. ft. and activate with 0.1-0.2 inches of water per 1,000 sq. ft. immediately following application. Even coverage of the container's soil surface is required for this product to be effective. **For Curative Treatments**: Evenly distribute GC Pro over the soil surface of plant container. Repeat on a weekly to bi-weekly basis.

Pot Size	Rate of GC Pro	
8 inch	1/3 tsp.	
10 inch	1/2 tsp.	

For Follow-Up and Preventative Applications: Evenly distribute GC Pro over the surface of plant container. Repeat on a weekly to bi-weekly basis.

Pot Size	Rate of GC Pro	
8 inch	1/8 tsp.	
10 inch	1/6 tsp.	

<u>Liquid Directions</u>: For Preventative Treatments: Mix ¼ lb. [pound] of GC Pro per gallon of water, spray at a rate of three gallons per 1,000 sq. ft. of plant area. **For Curative Treatments**: Mix ½ lb. [pound] of GC Pro per gallon of water.

NOTE: Do not apply any supplements to the soil to be treated containing elemental iron, manganese, zinc or biological agents 24 hours prior to the application of GC Pro.

- 1. Make a liquid solution by diluting 1/4-1/2 lb. [pound] of GC Pro for each gallon of water. Spray evenly over entire container soil area to be treated. (Dissolution of GC Pro is faster in warm water).
- 2. Spray 3 gallons of solution per 1,000 sq. ft. of plant area.
- 3. Treat the entire area for best results.

NOTICE: A broad spectrum of plant and turf species have been found to tolerate GC Pro however, due to the large number of species and varieties of ornamental plants and turf, it is impossible to test every one for tolerance to GC Pro. Neither the manufacturer nor the seller has determined whether GC Pro can be used on all known species of plants and turf. Therefore, test a small section at labeled rates for phytotoxicity prior to widespread use. Repeat applications can raise soil pH to levels that can adversely affect plant growth. GC Pro is incompatible with metal-based fungicides and fertilizers. **Do not apply GC Pro within three days of metal-based fungicides or fertilizer applications.**

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

PESTICIDE HANDLING: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Open dumping is prohibited. If wastes cannot be disposed of according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

Plastic Containers, All sizes: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake or stir 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. Offer for recycling if available or dispose of in trash, or in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Bags/Sacks: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty sack [bag] into application equipment. Then dispose of empty sack [bag] in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. To the extent consistent with applicable law, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of BIOSAFE SYSTEMS LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold BIOSAFE SYSTEMS [LLC] and Seller harmless for any claims relating to such factors.

BIOSAFE SYSTEMS [LLC] warrants that this product conforms to the *chemical* description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above when used in accordance with directions under normal use conditions. To the extent consistent with applicable law, this warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or BIOSAFE SYSTEMS[LLC], and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BIOSAFE SYSTEMS [LLC] MAKES NO WARRANTIES OF MERCHANTABILITY FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESSED OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, in no event shall BIOSAFE SYSTEMS [LLC] or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF

THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF BIOSAFE SYSTEMS [LLC] AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF BIOSAFE SYSTEMS [LLC] OR SELLER, THE REPLACEMENT OF THE PRODUCT.

BIOSAFE SYSTEMS [LLC] and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of BIOSAFE SYSTEMS[LLC].



Certified to NSF/ANSI 60

OPTIONAL LABEL CLAIMS:

[Note to Reviewer: The following marketing claims may be used with the prefix "This product" or "This product is [a] [an]". Marketing text is considered optional. Commas and the words "and" "or" can be added to phrases to make text grammatically correct.]

The following claims may appear on any label panel:

- Oxidizer
- Granular
- [Broad Spectrum] [Algaecide] [Fungicide] [Bactericide]
- Foliar Fungicide/Bactericide
- For indoor or outdoor uses
- Preventative treatment for seeds, growing plants, fruits, nuts and vegetables.
- Treatment for Powdery Mildew and Downy Mildew
- A treatment for the prevention and control of plant pathogenic diseases in field grown crops.
- A treatment for the prevention and control of plant pathogenic diseases in nurseries and commercial greenhouses
- A post-harvest treatment for the prevention and control of plant pathogenic diseases on all fruits, vegetables, and agricultural crops and commodities listed on this label in dump tanks, hydro coolers and process waters.
- A treatment for the prevention and control of plant pathogenic diseases on surfaces and equipment and structures used in processing post-harvest commodities.
- Treats/controls algae & cyanobacteria.
- Preventative treatment for postharvest fruits, vegetables and other agricultural crops listed on this label.
- A treatment for the prevention and control of plant pathogenic diseases on crops after harvest.
- A treatment for the prevention and control of plant pathogenic diseases on surfaces and equipment and structures used in processing postharvest commodities.
- A treatment for the prevention and suppression / control of plant pathogenic diseases in Commercial Greenhouses, Garden Centers, Landscapes, Nurseries and Interiorscapes.
- A treatment for the prevention and control of algae & cyanobacteria in rice and wild rice fields/paddies.
- Removes stubborn algae from surfaces, equipment and structures.
- Removes algae from roofs, walkways, and decks.
- A treatment for the control of algae, liverwort(s), odor-causing bacteria and fungi [on surfaces, equipment and structures] [and the conditions that these organisms may cause].

- Treats/controls algae, liverwort(s), bacteria and fungus.
- Controls odors caused by bacterial decay of organic matter.
- Adds oxygen to the water column.
- Treats, controls, and prevents algae growth.
- Eliminates algae.
- Adds oxygen to the water as it works.
- Easy to use.
- Effective over a wide range of pH conditions.
- Reduces organic build-up
- Reduces noxious odors including hydrogen sulfide.
- Controls algae blooms.
- Use GC Pro as an integral part of your water management system.
- Use GC Pro in conjunction with the family of BioSafe Systems products as part of a comprehensive treatment program.
- · Maintain an algae free pond with GC Pro.
- Dumpster and trash can treatment.
- Effective moss (and liverwort) control.
- Eliminate liverwort(s), moss and algae from container-grown plants and trees.
- Granular Algaecide
- Can be used up to the day of harvest.
- For foliar control of bacterial and fungal plant diseases
- For use on fruits, vegetables, nuts, and agronomic crops
- For use on outdoor ornamental plants and greenhouse crops
- Preventative treatment for turf.
- For the prevention and control of plant pathogens, algae, moss, liverwort(s), odor-causing bacteria, fungi and slime forming algae.
- A treatment for the prevention and suppression / control of turf diseases in lawns, golf course fairways, greens, and tees.
- For use on artificial turf.
- Treats, controls, and prevents algae growth.
- Suppresses/controls the spread of plant pathogens, algae, fungi and slime forming algae on equipment and tools.
- Can be used with fish in the treatment area
- Will not harm plants when used as directed
- Oxygenates water
- Optional Language: (*) and (* = Not Approved for Use in California)

GENERAL USES MARKETING CLAIMS

- Contact your BIOSAFE SYSTEMS [LLC] technical representative for specific applications.
- For more information <visit [webpage]><call [number]>
- For additional information on [PRODUCT NAME], call us toll-free at (*insert phone number here*)] or visit < visit (*insert webpage information here*)]>
- ©[YYYY] [Copyright] BioSafe Systems [LLC]
- [PRODUCT NAME] is a registered trademark of BioSafe Systems, LLC
- For more [ingredient] information [visit (insert webpage information here)] [or] [call us toll-free at (insert phone number here)]
- [Peel Here] [Read full label before use] [always read and follow label directions]
- See [inside] [packet] [label] for full instructions]
- Made in [the USA] [America]
- NSF Listed [Certified to NSF/ANSI 60] [(Insert 6-Digit NSF Listing Number Here)]

GRAPHICS AND ICONS MARKETING CLAIMS

(**Note to Reviewer:** These are representative icons for use sites/application methods that may appear on the label with the appropriate directions for use, or package type.)

{Made in USA Logo/Flag}



{NSF logo}

{Kosher Logo}





Sublabel B: Swimming Pool, Whirlpool and Hot Tub Applications

GC Pro

Active	Ingred	ient:	
Sodium	Carbo	nate	Peroxyhyd

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		
	eye.		
	Call a poison control center or doctor for treatment advice.		
If on skin or	Take off contaminated clothing.		
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.		
HOTI INF NUMBER			

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

See (inside)(back)(side)(panel)(label)for first aid, additional precautionary statements and directions for use.

EPA Registration No. 70299-15

Batch Code _____

EPA Establishment No. 067441-IL-001, 68660-TX-001, 9152-CA-1, 70299-NV-2 **Manufactured by:**

BioSafe Systems, LLC

22 Meadow Street, East Hartford, CT 06108

Tel.: (888) 273-3088

Net Contents: 2, 2.5, 3, 8, 20, 50 lbs. [pounds]

(Note to Reviewer: Text in Brackets [] is optional. "This product" can be substituted with actual product name.)

^{*}Contains 27.60% Hydrogen Peroxide by weight.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds. Do not use near waterbody margins during amphibian breeding seasons. Do not contaminate water when disposing of equipment washwaters or rinsate.

PHYSICAL AND CHEMICAL HAZARDS

Strong oxidizing agent. **Corrosive.** Do not bring in contact with other pesticides, cleaners or oxidative agents.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Algaecide Treatment

Use GC Pro to treat and control the growth of algae, algae slime and water molds in swimming pools, hot tubs and whirlpools. Use as an initial treatment for immediate control of visible algae. Pools, hot tubs and whirlpools with heavy algae growth should be cleaned prior to using this product. Use weekly to maintain algae control. No pH adjustment is required.

Do not mix with liquid or dry chlorine.

Swimming Pools

Application Rates					
POOLS	HEAVY ALGAE GROWTH	LOW ALGAE GROWTH /			
		MAINTENANCE			
GRANULAR:	2-8 cups of GC Pro per 15,000	1-2 cups of GC Pro per 15,000			
	gallons of water.	gallons of water.			
	(2 Cups = 1 lb. [pound])	(2 Cups = 1 lb. [pounds])			

Initial Treatment Directions

- 1. Apply <u>early</u> in the day under <u>calm</u>, <u>sunny</u> conditions, and when water temperatures are warm. Sunlight and higher temperatures both enhance GC Pro activity.
- 2. Turn off filtration equipment.
- 3. Broadcast 1-4 lbs. [pounds] (2-8 cups) of GC Pro evenly over the water surface for each 15,000 gallons of pool water. Use up to 1 lb. [pound] per 1,000 gallons for severely fouled pools and heavy algae and slime infestations.
- 4. GC Pro will readily dissolve. In cold water it may take longer to dissolve.
- 5. Skim dead algae and organic matter from surface of pool. This will help prevent filter and pump clogging and will remove additional nutrients that may stimulate algae re-growth.
- 6. Turn filter on after 30 minutes, run filter for 24-48 hours until remaining dead algae is removed.
- 7. Thoroughly brush sides of pool.
- 8. Clean filter and vacuum if needed.
- 9. Repeat dosage for persistent algae.
- 10. If adding chlorine or bromine wait at least eight hours before application.

Maintenance Application Instructions

Broadcast 1- 2 cups per 15,000 gallons evenly over water surface as a weekly maintenance dose to prevent algae growth. Apply maintenance dose after heavy rainfall or heavy pool use to prevent algae

blooms. Use a bi-weekly application of GC Pro during periods of heavy algae growth. Skim off dead algae and organic debris that rises to the surface.

Spot Treatments

Apply 1-2 cups of GC Pro directly over algae blooms. Skim off dead algae and organic debris. Vacuum if needed.

Winterization

Treat for heavy algae growth with GC Pro at a rate of 1-4 lbs. [pounds] (2-8 cups) prior to closing the pool for winter. If pool is not covered, it may be necessary to repeat the treatment one or two more times during the off season.

Hot Tubs, Whirlpools

Application Rates					
HOT TUBS, WHIRLPOOLS	HEAVY ALGAE GROWTH	LOW ALGAE GROWTH / MAINTENANCE			
GRANULAR:	2-10 tablespoons of GC Pro per 1000 gallons of water.	1-3 teaspoons of GC Pro per 1000 gallons of water.			
	(16 Tbs. = 1 Cup) (2 Cups = 1 lb. [pound])	<u> </u>			

Algaecide Treatment Instructions

Hot tubs and whirlpools having visible algae growth require an application of 2-10 tablespoons of GC Pro per 1000 gallons of water. For treatment of freshly cleaned hot tub or whirlpool, apply 1-3 teaspoons per 1000 gallons of water. Reapply 5-7 days after initial treatment for maintenance.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE

Store in original containers in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

PESTICIDE DISPOSAL AND CONTAINER HANDLING

If empty – Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

If partly filled – Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY

This material conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. To the fullest extent consistent with applicable law, the seller shall not be liable for timing, unfavorable temperatures, water conditions, presence of other materials, method of application, weather, watering practices, nature of soil, disease problem, incompatibility with other chemicals, pre-existing conditions and other conditions influencing the use of this product. To the fullest extent consistent with applicable law, buyer assumes all risks associated with the use, storage, or handling of this material not in strict accordance with directions given herewith. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTIBILITY IS MADE.

Optional Label Claims:

- Algaecide
- Bactericide
- Fungicide
- For indoor or outdoor uses
- Non-staining
- Broad spectrum algaecide
- Chlorine free
- Copper free
- Buffers pH
- Improve water clarity
- No pH adjustments
- Immediate algae control
- No toxic fumes
- No odors
- Controls odors
- Works on contact
- Does not leave toxic residuals in water
- Biodegradable
- Adds beneficial oxygen
- For pools and spas
- Easy to use
- Raises leaves and organic matter from bottom for removal
- Eliminates contaminants while treating algae
- Shock treatment
- Controls algae
- Quickly controls algae when first opening pools
- Use to prevent algae blooms during winterization
- Controls and prevents algae, slime and water molds
- Algaestat
- Does not contain heavy metals
- Reduces maintenance time
- Works within minutes
- No Bioaccumulation
- Swim within minutes
- Results within minutes
- Sustainable Formula
- Made in America
- Look for other green products from BioSafe Systems [LLC]
- Safe enough to swim directly after use
- Can be used around people and pets
- Ideal for pool openings and closings
- Fast-acting algaecide
- Kills all types of algae, including green and mustard algae
- Use as a preventative all season long
- Controls algae growth
- Clarifies pool water

- Helps maintain proper PH level
- Attacks stubborn algae
- Won't leave water cloudy
- Does not clog filters
- Non-foaming
- Highly concentrated copper alternative
- Does not contain heavy metals
- Fast-acting algaecide
- Granular Algaecide
- Organic algae and shock treatment
- Granular
- For control and prevention of algae, slime and water molds in swimming pools hot tubs and whirlpools
- Oxygenates water

Supplemental Labeling

GC Pro

EPA Reg. No. 70299-15

ACCEPTED

Dec 17, 2021

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 70299-15

Control of Diseases on Hemp

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 GC Pro before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of this product according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for GC Pro.

Directions For Use

PLANT

Hemp

DISEASES

Anthracnose, Bacterial Leaf Spots, Botrytis Blight/Gray Mold, Fusarium Foliar/Flower Blight, Fungal Leaf Spots, Hemp Canker, Powdery Mildew, Rust, Stem Canker

APPLICATION

Prepare a solution by mixing 1.5-4.8 oz. (3-10 tbsp.) of GC Pro per 10 gallons of water (1-3 lbs. per 100 gallons of water). Use 10 gallons of spray solution to treat up to 1,000 sq. ft. Refer to Foliar Application Rate Chart, below.

For the most effective results, use a sufficient volume of spray solution to obtain complete and uniform coverage of foliage and stems. Spray solution volume per unit area will vary depending on crop type and stage of development.

Foliar Application Rates

Amount of GC Pro	Volume of water	Treatment Area
1.5-4.8 oz. (3-10 tbsp.)	10 gallons	500-1,000 sq. ft.
1-3 lbs. (2-6 cups)	100 gallons	5,000-10,000 sq. ft.
4-12 lbs. (8-24 cups)	400 gallons	0.5-1 acre

Manufactured by: BioSafe Systems, LLC 22 Meadow Street East Hartford, CT 06108 (888) 273–3088

This label expires December 16, 2024