UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

65626-7

PM90

OCT 2 1 1996

Ms. Mary McMahon Manager, Regulatory Affairs Mycotech Corporation 529 E Front Street P.O. Box 4109 Butte, MT 59702

Dear Ms. McMahon:

SUBJECT: Label amendments - MYCOTROL WP (EPA Reg. No. 65626-7) (Percent active ingredient, Restricted-entry Interval, container sizes, water soluble packaging, Environmental Hazard Statement)

The Agency has evaluated your request for the following label amendments and has reached the following conclusions:

<u>Percent ai</u>: Your request to express the percent active ingredient (ai) in MYCOTROL WP (65626-7) as 21% by weight is acceptable.

<u>Restricted-entry Interval (REI)</u>: The request for a four (4) hour REI is not acceptable on the basis of the acute Toxicity Category I for primary eye irritation assigned this end-use product (EP). The 12 hour REI remains unchanged.

<u>Other Worker Protection Standards requirements</u>: A label revision to include coveralls <u>over long sleeve shirt and long pants</u> for early-entry workers during the 12 hour REI for postapplication activities. The rest of the Personal Protective Equipment statement remains unchanged.

Additional Container Sizes: The additional container sizes and water-soluble packaging are acceptable.

Environmental Hazard Statement (MRID 43998601): This study, which was conducted with MYCOTROL WP (EPA Reg. No. 65626-7) at the 1X dose rate, was considered supplemental (Data Evaluation Review enclosed). It does not support a change in the environmental hazard statement. If you wish to remove this statement from the label, you are required to provide field data using the test material at least at the 5X dose rate. Alternatively, you may keep the current Environmental Hazard statement on the label and no new study is required.

SB:7501W:7033088097:100796:656267:128924

			CONCURRENC	æs	 	
SYMBOL 7501 W	150 AU					
SURNAME Bacchus	HUTTON		I			
DATE 10/7/96	10 18 96				 	
EPA Form 1320-1A (1/90)		·	rinted on Recycled	Paper	OFFICI.	AL FILE COPY

Page 2 of 2

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We look forward to receiving the relevant amendments to the draft label. If you have any questions, do not hesitate to call Shanaz Bacchus at 703-308-8097.

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Sincerely,

Janet L. Andersen, Ph. D.

Director Biopesticides and Pollution Prevention Division

Encl: DER

cc: Roy Sjoblad/BPPD Phil Hutton/BPPD Mark Perry/BPPD

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	MYCOTECH CORPORATION	(65626-	-1) 14
	A Fungal Technology Company		سادرو المحرب الأستعمي
	MYCOTROL [®] WP BIOLOGICAL INSECTICIDE	т. 1 А	
	Biological Insecticide for Control of Whitefly, Aphids, Thrips, Psyllids, Mealy		
	Leafhoppers in Field and Greenhouse Crops, Ornamentals, Turf and For	estry	
	Active Ingredient: Beauveria bassiana Strain GHA	ACCE	SPTED
	Inert Ingredients	OCT 2	1 1996
•	Total	E.	
	contains 2x1012 viable <i>Removatia hassiana</i> spores per pound	runginde, and	Rodenticlide Act.
	KEEP OUT OF REACH OF CHILDREN	as amanded to registered unde EPA Rog. No.	the pesticide $(-7)^{-7}$
	DANGER - PELIGRO	LEA HUG. NO.	02000 1
	Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en o	detalle.	
,	If you do not understand the label, find someone to explain it to you in detail.		1
]
	PRECAUTIONARY STATEMENTS		
	Hazards to Humans and Domestic Animals	tothing	
	Corrosive; causes eye irritation. May cause skin irritation. Do not get in eyes, on skin or on cl Wear goggles, face shield, or safety glasses when handling. Harmful if swallowed, absorbed t		
	or inhaled. Avoid contact with skin and breathing dust. Wear a dust/filtering respirator with	······································	
	MSHA/NIOSH approval number prefix TC-21C. Wash thoroughly with soap and water after	r handling,	
	Remove contaminated clothing and wash clothing before reuse		ł
	USER SAFETY RECOMMENDATIONS		
	Users should: Wash hands before eating, drinking, chewing gnm, using tobacco, or using the toil	et.	
	Statement of Practical Treatment		1
	IF IN EYES: Hold eyelids open and flush with plenty of water. Get medical attention.		
	IF SWALLOWED: Call a physician of Poison Control Center. Drink 1 or 2 glasses of w		
	induce vomiting by touching back of throat with finger. If person is unconscious, do not give mouth and do not induce vomiting.	anything oy	Ē
	IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persi	ists.	
	IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, pres	ferably	}
	mouth-to-mouth. Get medical attention.]
	NOTE TO PHYSICIAN		
	Probable mucosal damage may contraindicate the use of gastric lavage.		
	PERSONAL PROTECTIVE EQUIPMENT Applicators and other handlers must wear: Coveralls over long-sleeved shirt and long pants, shoes t	olus socks.	
	protective eyewear, waterproof gloves and dust/filtering respirator with MSHA/NIOSH approval num	nber prefix]
	TC-21C. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions to use detergent and hot water. Keep and wash PPE separately from other laundry.	for washables,	
	inse detergent and not water. They are wash it is separately from outer fatiently.		
	Environmental Hazards		1
	This product is potentially pathogenic to honey bees. Avoid applying to areas where honey bees are foraging or around bee hives. Do not apply directly to water, to areas where surface water is present		
	areas below the mean high water mark. Do not contaminate water by disposal of equipment wash w		[
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	Net Contents: Expiration Date: Lot Number: Expiration Date:	tbn -	. -
	Mycotech Corporation EPA Registration Number 65626-7		

Mycotech Corporation 630 Utah Avenue P.O. Box 4109 - Butte, MT 59701

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Expiration Date: _____ EPA Registration Number 65626-7 EPA Establishment Number 65626-MT-01 Edition - 961016

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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 agency responsible for pesticide regulations.

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) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required 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 over long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

For use in controlling Whitefly, Aphids, Thrips, Psyllids, Mealybugs and Leaf Hoppers in agronomic and vegetable crops, omamentals, turf and forestry. For field and greenhouse use. May be aerially applied. Do not use with ultra low-volume application equipment.

INSECTS FOR WHICH MYCOTROL WP MAY BE USED

WHITEFLY, SUCH AS

Banded-winged Whitefly Citrus Blackfly Citrus Whitefly

APHIDS SUCH AS

Bean Aphid Cabbage Aphid Cowpea Aphid Green Peach Aphid Greenbug Hop Aphid

THRIPS, SUCH AS

Greenhouse Thrips Pear Thrips Potato/Onion Thrips Greenhouse Whitefly Silver-leaf Whitefly Sweet Potato Whitefly (aka Tobacco Whitefly)

Melon/Cotton Aphid Pea Aphid Potato Aphid Russian Wheat Aphid Spotted Alfalfa Aphid

Thrips palmi Western Flower Thrips

PSYLLIDS, SUCH AS

Pear Psylla

Tomato/Potato Psylla

MEALYBUGS, SUCH AS

Citrus Mealybug

Grape Mealybug

CROPS ON WHICH MYCOTROL WP MAY BE USED

golden pershaw melon

gourds (edible)

honeydew melon

honey balls

horseradish

kale

leek

lentils

lettuce

okra

onion

peas

parsley

pepper

Persian melon

mango melon

mustard greens

New Zealand spinich

muskmelon hybrids/varieties

kohlrabi

VEGETABLES, SUCH AS asparagus beans beet broccoli **Brussels** sprouts cantaloupe cauliflower celeriac celery chickpeas Chinese broccoli Chinese cabbage collards crenshaw melon cucumber eggplant endive fennel garlic gherkin

FRUITS AND BERRIES, SUCH AS

apple apricot bananas blackberry blueberry citrus hybrids coffee cranberry grape grapefruit kumquat lemon limes mandarin nectarine orange oriental pear peach spinach squash (winter) sugar beet sweet potato Swiss chard tomatillo tomatoes turnip watermelon yam

pineapple melon

potato

radish

rhubarb

rutabaga

soybeans

snake melon

shallot

pumpkin

pear pineapple plum prune sour cherry strawberry sweet cherry tangelo

TREE NUTS, SUCH AS

almond pecan

chives

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AGRONOMIC CROPS, SUCH AS

alfalfa barley clover corn (field, sweet, pop) cotton hay hops

oats peanuts potato rape seed safflower sorghum soybeans

pistachios

walmıt

dīl

marjoram

ore gano

sugarbeets sugarcane sunflower sweet com wheat

HERBS AND SPICES, SUCH AS basil

ORANAMENTALS, TURF & FORESTRY, SUCH AS

African violet alyssum anthurium arbor vitea asparagus sprengeri aster atlas cedar azalea bald cypress balsam fir begonia Bermuda grass blue grass Boston fem bougainvilla bridal veil caladium calendula calla lily camation celosia chenille plant Christmas cactus chrysanthemum cinararia coleus cordyline corylusavellana cotoneaster cottonwood crepe myrtle crossandra croton cyclamen cypress dahlia daisy deodar cedar dicondra dogwood Douglas fir dracaena dumb cane **Dusty Miller** fig firethom floss flower freesia fuchcia gardenia oeraninm

gerbera gerber daisy gladiohus gloxinia hedera hemlock hibiscus holly honey suckle impatiens India hawthorn Japanese barbarry Japanese boxwood Japanese spindle tree Japanese yew juniper kalanchoe lantana leatherleaf fem lily lithodora lobelia loquat maple marigoid Mediterranean fan palm mesembryanthemum monstera mother-in-law plant mountain laurel nandina narcissus oak oleander olive omamental kale pansy parasol pine pelegonium petunia phlox photina piggyback plant pine pink pittosporum podocarpus poinsettia pothos ivy prayer plant

privet pteris fem rhododendron rose salvia schefflera shrub verbena shrubby cinquefoil smoke tree snapdragon spruce St. Augustine grass sweet gum sweet pea sweet William Texas sage verbena vibernum vinca wandering Jew zoysia grass

DOSAGE RATE

Apply at a rate of 1/4 to one pound MYCOTROL WP per acre with quantities of water sufficient to provide thorough coverage of infested plant parts -- 5-100 gallons per acre, the volume depending upon the crop canopy, identity of target pest, infestation severity and application method. In mixing, first add an amount of water to the spray or mixing tank that is optimal for agitation. Then add an approved spreader sticker and allow it to completely dissolve. Finally add the desired quantity of MYCOTROL WP slowly, continuing agitation. If using MYCOTROL WP in water soluble bags, add the appropriate number of bags and allow to dissolve. Add balance of the water and continue mixing. The suspension should be maintained while loading and spraying. Do not mix more MYCOTROL WP than can be used the day of application; MYCOTROL WP, if left overnight or longer in spray diluent, will lose its efficacy.

APPLICATION

Apply by conventional ground, commercial hand-held and aerial equipment at 7 to 10 day intervals; very intense pest pressure, esp. from whiteflies, may require application at 4-5 day intervals. Repeat applications of MYCOTROL WP as many times as necessary while pest pressure persists. MYCOTROL WP can be used in a tank-mix with the following chemical insecticides: synthetic pyrethroids (including Danitol7, Mustang7, Capture7, Asana7); organophosphates (including Monitor7, Orthene7, Lorsban7);

methomyl (including Lannate7) on crops for which those chemicals are registered, at label rates. Endosulfan is not compatible with MYCOTROL WP and should not be used in a tank mix or concurrent treatments. Do not tank mix with herbicides or fungicides. Close scouting of treated fields is recommended. There is no restriction as to the maximum amount of MYCOTROL WP applied in a season. Can be used outdoors or in greenhouse.

CHEMIGATION

Do not apply this product through any type of irrigation system.

STORAGE AND DISPOSAL

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

STORAGE

* Open dumping is prohibited.

Store in a dry place.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility. Do not contaminate water when disposing of equipment washwaters.

CONTAINER DISPOSAL

* Completely empty bag into application equipment and dispose of empty 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

Seller makes no warranty, express or implied, or merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with the accompanying instructions. As labels are subject to revision, always carefully read and follow the label on the product container.

Mycotech Corporation's recommendations for the use of this product have been determined based on tests conducted and believed reliable.

DAMAGES: Are limited to direct damages only, not exceeding the purchase price paid and shall not include incidental or consequential damages.

BEST AVAILABLE COPY

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PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

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USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Statement of Practical Treatment

IF IN EYES: Hold eyelids open and flush with plenty of water. Get medical attention. **IF SWALLOWED:** Call a physician of Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists. IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

PERSONAL PROTECTIVE EQUIPMENT

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Net Conte	ants:
Lot Number:	Expiration Date:
Mycotech Corporation	EPA Registration Number 65626-7
630 Utah Avenue	EPA Establishment Number 65626-MT-01
P.O. Box 4109 - Butte, MT 59701	Edition - 961016

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Melon/Cotton Aphid Pea Aphid Potato Aphid Russian Wheat Aphid Spotted Alfalfa Aphid

THRIPS, SUCH AS

Greenhouse Thrips Pear Thrips Potato/Onion Thrips BEST AVAILABLE COPY Thrips palmi Western Flower Thrips

PSYLLIDS, SUCH AS Pear Psylla

MEALYBUGS, SUCH AS Citrus Mealybug

Tomato/Potato Psylla

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Grape Mealybug

CROPS ON WHICH MYCOTROL WP MAY BE USED

VEGETABLES, SUCH AS asparagus beans beet broccoli **Brussels** sprouts cantaloupe cauliflower celeriac celery chickpeas Chinese broccoli Chinese cabbage collards crenshaw melon cucumber eggplant endive fennel garlic gherkin

golden pershaw melon gourds (edible) honey balls honeydew melon horseradish kale kohlrabi læk lentils letnice mango meloo muskmelon hybrids/varieties mustard greens New Zealand spinich okra onion parsley peas pepper Persian melon

potato pumpkin radish rhubarb rutabaga shallot snake melon soybeans spinach squash (winter) sugar beet sweet potato Swiss chard tomatillo tomatoes tumip watermelon yam

pear

plum

prime

pincapple

sour cherry

strawberry

tangelo

sweet cherry

pineapple melon

346

FRUITS AND BERRIES, SUCH AS

apple apricot bananas blackberry blueberry citrus hybrids coffee cranberry grape

grapefruit kumonat lemon 1imes mandarin nectarine orange oriental pear peach

TREE NUTS, SUCH AS

almond pecan

basil

را للد

chives

AGRONOMIC CROPS, SUCH AS

alfalfa barley clover com (field, sweet, pop) cotton hay hops

oats peanuts potato rape seed safflower sorghum soybeans

pistachios wainut

> sugarbeets sugarcane sunflower sweet com wheat

5375

HERBS AND SPICES, SUCH AS dill

marjoram

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ORANAMENTALS, TURF & FORESTRY, SUCH AS

African violet alyssum anthurium arbor vitea asparagus sprengeri aster atlas cedar azalea bald cypress balsam fir begonia Bermuda grass blue grass Boston fem bougainvilla bridal veil caladium calendula calla lily camation celosia chenille plant Christmas cactus chrysanthemum cinararia coleus cordyline corylusavellana cotoneaster cottonwood crepe myrtle crossandra croton cyclamen cypress dahlia daisy deodar cedar dicondra dogwood Douglas fir dracaena dumb cane **Dusty Miller** fig firethom floss flower freesia fuchsia gardenia oeraninm

gerbera gerber daisy gladiolus gloxinia hedera hemlock hibiscus holly honey suckle impatiens India hawthom Japanese barbarry Japanese boxwood Japanese spindle tree Japanese yew juniper kalanchoe lantana leatherleaf fem lily lithodora lobelia loquat maple marigold Mediterranean fan palm mesembryanthemum monstera mother-in-law plant mountain laurel nandina narcissus oak oleander olive omamental kale pansy parasol pine pelegonium petunia phlox photina piggyback plant pine pink pittosporum podocarpus poinsettia pothos ivy prayer plant

privet pteris fem rhododendron rose salvia schefflera shrub verbena shrubby cinquefoil smoke tree snapdragon spruce St. Augustine grass sweet gum sweet pea sweet William Texas sage verbena vibernum vinca wandering Jew zoysia grass

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DOSAGE RATE

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546

APPLICATION

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CHEMIGATION

Do not apply this product through any type of irrigation system.

STORAGE AND DISPOSAL

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

STORAGE

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* Store in a dry place.

PESTICIDE DISPOSAL

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CONTAINER DISPOSAL

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CONDITIONS OF SALE

Seller makes no warranty, express or implied, or merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with the accompanying instructions. As labels are subject to revision, always carefully read and follow the label on the product container.

MYCOTECH CORP

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Mycotech Corporation's recommendations for the use of this product have been determined based on tests conducted and believed reliable.

DAMAGES: Are limited to direct damages only, not exceeding the purchase price paid and shall not include incidental or consequential damages.

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