

Ms. Carolyn F. Brinkley
Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419-8300

FEB 25 2004

Dear Ms. Brinkley:

Subject: Label Amendment- PR Notice 2001-1 and removal of compost restriction
Armor
EPA Registration Number 100-656
Your submission dated December 12, 2001

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a) Revise the beginning of the first paragraph of the warrantee statement to read ~~§~~To the extent permitted by law Syngenta or seller shall not be liable for any~~§~~.
3. Submit three (3) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

Enclosure

(Booklet)

ACCEPTED
WITH COMMENTS
By EPA Letter Dated

FEB 25 2004

Armor®

Insect Growth Regulator

For sciarid fly control in mushrooms

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

100-656

Active Ingredient:

Cyromazine (CAS No. 66215-27-8).....5.0%

Other Ingredients:.....95.0%

Total:.....100.0%

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-656

EPA Est. 67545-AZ-1

Product of the United Kingdom

Formulated in the USA

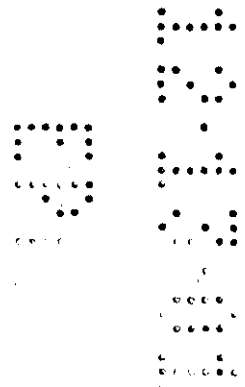
SCP 656A-L1(Draft) (2 gal.)

SCP 656A-L2(Draft) (2.5 gal.)

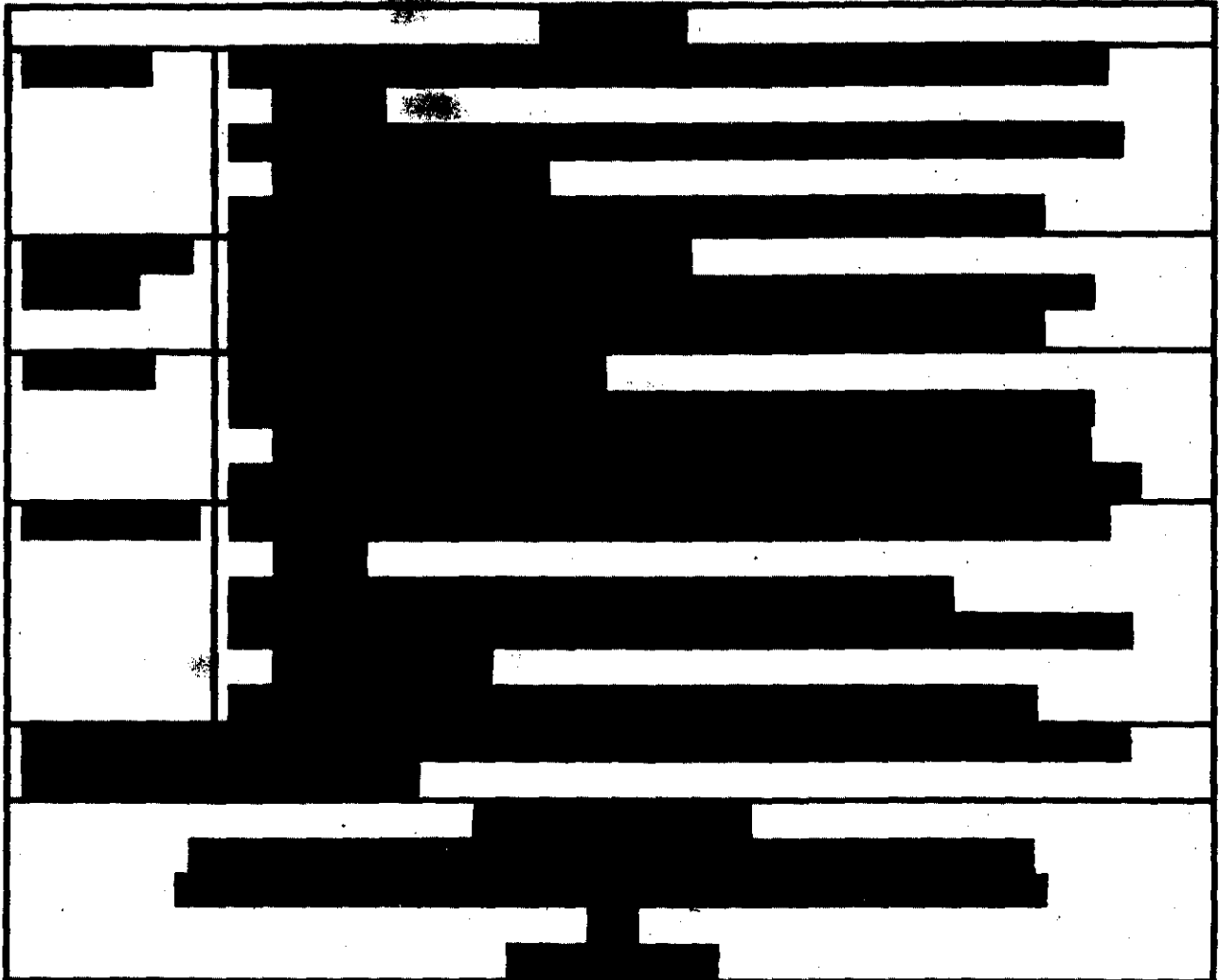
2 gallons

2.5 gallons

U.S. Standard Measure



FIRST AID	
If on skin	• Wash with plenty of soap and water. If irritation develops or persists, get medical attention.
If in eyes	• Flush with plenty of water. If irritation develops or persists, get medical attention.
If inhaled	• Move to fresh air.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<p style="text-align: center;">HOT-LINE NUMBER For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372</p>	



PRECAUTIONARY STATEMENTS

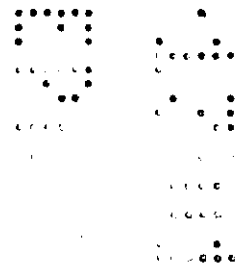
Hazards to Humans and Domestic Animals**CAUTION**

Causes moderate eye irritation. Harmful if absorbed through the skin or inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing vapors or spray mist.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants



- **Waterproof gloves**

- **Shoes plus socks**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

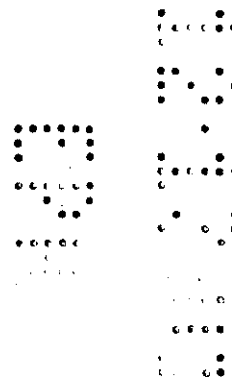
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply directly to lakes, streams, or ponds.

Physical or Chemical Hazards

Corrosive to tin.



6/15

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 should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness 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 SYNGENTA CROP PROTECTION, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA 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. 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 SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

~~In no event shall SYNGENTA~~ or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

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

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and 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 enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- Waterproof gloves
- Shoes plus socks

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR INSECT CONTROL, AND/OR ILLEGAL RESIDUES.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal, or cleaning of equipment. Do not use in animal feeds. Store at temperatures above 32°F. Crystals may form at lower temperatures. If this occurs, place the product in a warm room (72°F or above) and shake the container at frequent intervals until all crystals are dissolved. Since this formulation contains water, it can also freeze solid at temperatures below 32°F. However, when reconstituted and crystals redissolve, product performance is not affected.

Pesticide

Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions, must be disposed of according to federal, state, or local procedures. For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office.

Container

Do not reuse empty container. Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or by open burning, if [REDACTED] allowed by state and local authorities. If burned, keep out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

GENERAL INFORMATION

Cyromazine, the active ingredient in Armor, is an insect growth regulator (IGR). When incorporated into the mushroom compost, Armor stops the development of sciarid fly larvae and prevents damage to the mushrooms and the mycelium growth. Armor has no useful contact activity to sciarid fly larvae or adults. If large numbers of adult flies are initially present in the facility, use of a conventional contact insecticide is recommended around ventilators and other areas where flies congregate (refer to that product's label for further directions, precautions, and limitations). Maximum benefit from Armor can be expected when it is incorporated into a pest management program that includes good cultural practices to help maintain control of sciarid flies.

9/15

APPLICATION INSTRUCTIONS

Apply Armor when preparing the mushroom substrate using a coarse drenching spray with low pressure to minimize the formation of mists. Apply in sufficient water for uniform distribution to the compost according to the rates in the following table. These rates result in a concentration of 5 parts per million (ppm) of active ingredient. Thoroughly incorporate with a spawning machine or similar equipment.

Compost Fill Wet Weight (67% moisture) lbs./sq. ft.	Compost Fill Dry Weight lbs./sq. ft.	Rate of Armor fl. oz. per 1,000 sq. ft.
12	4	19
14	4.5	22
15	5	24
17	5.5	26
18	6	28
20	6.5	31
21	7	33
23	7.5	35
24	8	38
26	8.5	40
27	9	43

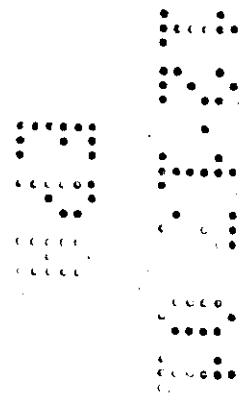
Example: If applying Armor to a wet compost bed weighing 15 lbs./sq. ft., use 24 fl. oz. of Armor per 1,000 sq. ft. Rates can also be figured using dry weight of the compost.

Note: Do not apply Armor treated spent compost to land on which food crops are grown.

Chemigation

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

Aarmor® and the Syngenta logo are trademarks of a Syngenta Group Company



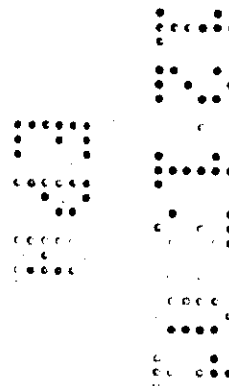
For non-emergency (e.g., current product information) call
Syngenta Crop Protection at 1-800-334-9481.

©2001 Syngenta

Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta.com

SCP 656A-L1(Draft) (2 gal.)

SCP 656A-L2(Draft) (2.5 gal.)



(BACK LABEL)

Armor®

Insect Growth Regulator

For sciarid fly control in mushrooms

Active Ingredient:

Cyromazine (CAS No. 66215-27-8).....5.0%

Other Ingredients:.....95.0%

Total:.....100.0%

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See directions for use in attached booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-656

EPA Est. 67545-AZ-1

SCP 656A-L1(Draft) (2 gal.)

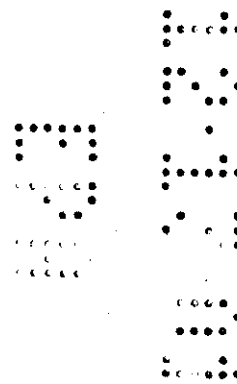
SCP 656A-L2(Draft) (2.5 gal.)

2 gallons

U.S. Standard Measure

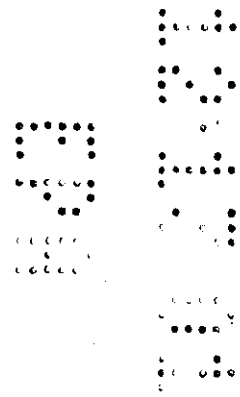
2.5 gallons

U.S. Standard Measure



6/15

FIRST AID	
If on skin	• Wash with plenty of soap and water. If irritation develops or persists, get medical attention.
If in eyes	• Flush with plenty of water. If irritation develops or persists, get medical attention.
If inhaled	• Move to fresh air.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<p style="text-align: center;">HOT LINE NUMBER For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372</p>	



Container Disposal

Do not reuse empty container. Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or by open burning, if [REDACTED] allowed by state and local authorities. If burned, keep out of smoke.

Chemigation

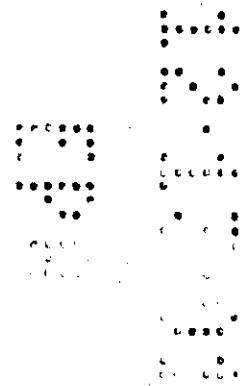
Do not apply this product through any type of irrigation system.

Armor® and the Syngenta logo are trademarks of a Syngenta Group Company

©2001 Syngenta

Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

Z:LABELA-W/ARMOR 656A-L1-2(DRAFT) – ccg – 12/12/01



CHRON

2/96 - Deleted potting soil restriction.

5/99 - Change DFU wording "substrate"

8/01 - Syngenta art, deleted references to D•z•n

12/01 - revised First Aid per PR Notice 2001-1; removed note "Do not apply Armor compost to land on which food crops are grown." Revised container disposal statement.

