

INTRODUCTION

FZ-515-0100 combines the advantages of delayed release nutrient supplementation for mushroom mycelia with control of sciarid flies.

Methoprene, the active ingredient in FZ-515-0100 is an insect growth regulator (IGR), a chemical analog of a natural insect juvenile hormone. Unlike traditional pesticides, the presence of methoprene does not result in immediate insect kill, it interferes with the normal process of insect development. FZ-515-0100 will prevent the emergence of adult sciarid flies when incorporated into the mushroom growing medium. Under most conditions fly control is achieved without adverse effects on mycelium growth or mushroom yield. Pupae and adults present at the time of application will not be affected. If high adult populations are present initially, use of a conventional adulticide will ensure the best overall results. To assess the full benefit of FZ-515-0100 estimation of adult fly populations should be no earlier than two weeks after treatment.

STORAGE AND DISPOSAL

Store in a cool place (<75°F). Open dumping is prohibited. Dispose of container in approved landfill or incinerate if allowed by State and Local authorities.

Pesticide that cannot be used or chemically reprocessed should be disposed of according to procedures approved by Federal, State, or Local disposal authorities.

NOT FOR SALE OR USE AFTER _____

LABEL NO. 1082

F Z - 5 1 5 - 0 1 0 0

A Delayed Release Nutrient for
Mushroom Culture Containing APEX™ Insect
Growth Regulator for Control of Sciarid Flies

ACTIVE INGREDIENT:

Methoprene [isopropyl (E,E)-11-methoxy 3,7,11-trimethyl-2,4-dodecadienoate]*..... 0.075%

INERT INGREDIENTS** 99.925%

*U.S. Patents 3,904,662 & 3,912,815

**U.S. Patent 3,942,969

EPA Reg. No. 20954-XX
EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

CAUTION

NET WEIGHT: 50 lbs.

ZOECON® CORPORATION
Agricultural Chemicals Division
Palo Alto, CA 94304

DIRECTIONS FOR USE

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

METHOD, RATE AND TIMING OF APPLICATION

FZ-515-0100 should be used directly from the box and incorporated in the mushroom compost at a rate of 5% of the dry weight of compost at spawning. Use of FZ-515-0100 at rate of less than 5% will result in less effective control of sciarid flies. Application should be made only one time per crop at the time of spawning. Material should be mixed uniformly throughout the compost with mechanical mixing equipment.

Due to widely differing practices followed in mushroom culture, the user should conduct test treatments on small plots to determine that reduced crop yields will not occur under his particular cultural conditions.

WARRANTY AND CONDITIONS OF SALE

ZOECON warrants that this product conforms to the chemical description on the label. Neither ZOECON nor the seller makes any other warranty, express or implied.

(0945D)


20954-1224

<p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREISTRATION <i>(Under the Federal Insecticide, Fungicide and Rodenticide Act as amended.)</i></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">EPA REGISTRATION NO.</td> <td style="width: 50%;">DATE OF ISSUANCE</td> </tr> <tr> <td>TERM OF ISSUANCE</td> <td></td> </tr> <tr> <td colspan="2">NAME OF PESTICIDE PRODUCT</td> </tr> </table>	EPA REGISTRATION NO.	DATE OF ISSUANCE	TERM OF ISSUANCE		NAME OF PESTICIDE PRODUCT	
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<p>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</p> <div style="text-align: right; font-size: 1.2em; margin-top: 20px;"> 160/81746 18/1 <u> </u> WH 05 </div>							
<p>NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p>							
<p><input type="checkbox"/> ATTACHMENT IS APPLICABLE</p>							
<p>SIGNATURE OF APPROVING OFFICIAL</p>	<p>DATE DEC 17 1982</p>						

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.


Franklin D. R. Gee
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure