



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
66852-4

Date of Issuance:
MAY 21 1993

NOTICE OF PESTICIDE:
 X Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
F-Stop Biological
Fungicide Planter Box
Seed Protectant

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Cornell Research Foundation, Inc.
c/o Jellinek, Schwartz & Connolly, Inc., Suite 500
1015 15th St., N.W.
Washington, D.C. 20005

Note: Changes in labeling 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 EPA registration number.

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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. You will submit the data listed below, conducted in accordance with the 40 CFR Part 158 test guidelines referred to below, based on the enclosed review of data and waiver requests submitted for the product:

<u>Guideline Reference Number</u>	<u>Study Title</u>	<u>Date Due</u>
152-34	Primary Dermal Irritation	January 15, 1994

Alternatively, you may submit a request for waiver of the

Signature of Approving Official:

Cherene D. Lewis, R

Date:

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primary dermal irritation study for the technical product used to formulate this product and subsequently request a waiver of the study on the end-use product based on the waiver for the technical within the time frame stated above.

The primary eye irritation study is not being required for this product even though it is indicated as required in the review. Since the ingredients in the product are known eye irritants, no useful purpose would be served by conducting this study.

3. You will submit production information (pounds or gallons produced) for this product for the fiscal year in which the product is conditionally registered, in accordance with FIFRA section 29. The fiscal year begins October 1, and ends September 30. The production information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year. This information should be submitted to:

U.S. Environmental Protection Agency
Office of Pesticide Programs (H-7504C)
Document Processing Desk (RSB)
401 M St., S.W., CM#2
Washington, D.C. 20460

4. Make the following labeling change before you release the product for shipment: Add the phrase "EPA Registration No. 66852-4".
5. Submit five copies of the final printed label for the record.

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.

Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). If any of your products are covered by the WPS, you are required to submit, and receive the Agency's approval by April 21, 1994, of a revised label reflecting the required label statements of 40 CFR 156, published in the **FEDERAL REGISTER** on August 21, 1992 (57 FR 38102). Further guidance will be issued. According to 40 CFR 156, subpart K, specifically sec. 156.200(c)(3): "No product

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to which this subpart applies shall be distributed or sold without amended labeling by any registrant after April 21, 1994."

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

Sincerely yours,



Clarence O. Lewis, III
Acting Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H-7505C)

enclosures

H7505C:C.Grable:cg:5/20/93

PM21

66852-4

4044

F-STOP BIOLOGICAL FUNGICIDE PLANTER BOX SEED PROTECTANT

ACTIVE INGREDIENT:

Trichoderma harzianum Rifai strain KRL-AG2 1.15%
INERT INGREDIENTS 98.85%

TOTAL 100.00%

*Contains at least 1 X 10⁷ colony forming units per gram (dry weight basis).

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin or eyes. Avoid breathing dust. Wash thoroughly with soap and water after handling. Do not store near food or feed.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, flush eyes or skin with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water when disposing of equipment washwater.

GENERAL INFORMATION

F-STOP is a biological fungicide for seed treatment specifically for control of diseases caused by soil-borne *Pythium* spp. F-STOP should be used at planting when soil temperatures exceed 50 degrees Fahrenheit.

DIRECTIONS FOR USE

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

NOTE: Failure to follow the directions for use and precautions on this label may result in poor disease control

SEED TREATMENT

BEANS (GREEN & DRY), CABBAGE, CORN (FIELD & SWEET), COTTON, CUCUMBERS, PEANUTS, POTATOES, SORGHUM, SOYBEAN, SUGAR BEETS & TOMATOES: For control of *Pythium* spp. damping-off, apply 8 ounces of F-STOP per 100 lbs. of seed in planter box. To assure uniform mixing, add half the seed then half the dosage and stir with a wooden paddle until thoroughly mixed and then add the remainder of seed and product and stir until seed is uniformly covered.

Potatoes: For potatoes apply so cut pieces are thoroughly covered with dust in a convenient container or using an applicator mounted over the belt. All surfaces, knives, and other equipment used to cut and plant potatoes should be thoroughly sterilized before cutting or planting. Treat cut surfaces of sprouted potatoes immediately after cutting. The cut and treated seed pieces should be held for a week or more at cool temperature and high relative humidity to promote suberization, however, they may be planted immediately.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool dry place. Do not freeze or expose to a temperature above 80 degrees Fahrenheit for prolonged periods. Keep container tightly closed when not in use.

PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. Completely empty contents of bag into planter box. Dispose of empty bags in a sanitary landfill or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke.

NOTICE TO BUYER AND SELLER: Seller warrants that this product conforms to the description of the label and is reasonably fit for the purposes stated on the label when used and stored in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to conditions not reasonably foreseeable by the Seller, and Buyer and User assume the risk of any such use. Seller disclaims all other warranties expressed or implied, including any warranty of fitness or merchantability. Seller shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product and seller's sole liability and buyer's and user's exclusive remedy shall be limited to the refund of the purchase price.

This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any patent in any country except as specified.

Country: United States of America

Patent Pending

EPA Reg. No. 59441-U
EPA Est. No.

Net Contents: _____
Lot No.:

Cornell Research Foundation, Inc., Cornell Business & Technology Park, 20 Thornwood Drive, Suite 105, Ithaca, New York 14850

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

MAY 21 1993

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

59441-4