



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

AUG 05 1993

S 445372 346  
17

Ms. Judy Oldham  
Manager, Registration Services  
Helena Chemical Company  
5100 Popular Avenue, Suite 3200  
Memphis, TN 38137

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Dear Ms. Oldham:

Subject: Helena Brand Cythion  
EPA Registration No. 5905-196  
Supplemental Labeling Submitted July 26, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, and Rodenticide Act, as amended, is acceptable and a stamped copy is enclosed for your records.

It is understood, as agreed in your phone conversation of August 5, 1993, that the following statement which appeared on your submitted labeling in the directions for use on "grain crops" is to be deleted and the enclosed stamped label reflects this deletion.

"(Postharvest storage treatment only)"

Acceptance of the subject supplemental labeling is for the purpose of documenting the additional, current registered uses for your subject product and does not relieve you of your obligation to comply with our letter dated June 15, 1993.

Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR 156, published in the Federal Register on August 21, 1992 (57 FR 38102).

For advice or instruction regarding your compliance with PR Notice 93-7, you may contact the special WPS Label Information Line at 1-800-777-2185.

Sincerely yours,

Robert A. Forrest  
Product Manager (14)  
Insecticide-Rodenticide Branch  
Registration Division (H7504C)



ACCEPTED  
with COMMENTS  
in EPA Letter Dated

AUG 05 1993

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

5905-196

CORPORATE OFFICE

Suite 500  
6075 Poplar Avenue  
Memphis, Tennessee 38119  
Telephone: 901/781-0050  
Telex: 12424

SUPPLEMENTAL LABELING

ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE PACKAGE LABEL ARE TO BE FOLLOWED.

CYTHION, THE PREMIUM GRADE MALATHION  
5905-196

CAUTION

DIRECTIONS FOR USE: It is a violation of Federal law to use this product inconsistent with its labeling.

CLOVER: Aphids, Mites - 1-1/2 - 2 pts. Grasshoppers, Clover Leaf Weevil - 1-1/2 pts. (Do not apply within 7 days of harvest.)

GRASS CROPS

Grass & Grass Hay: Grasshoppers, Aphids, Leafhoppers - 1-1/2 - 2 pts or 1-1/2 pts. in 1 gal. diesel fuel oil\*. Armyworms - 2 pts. OR 1-1/2 pts. in 1 ga. diesel fuel oil\*. \*Apply by aircraft or turbine-blower sprayer.

Pasture & Range Grass: Grasshoppers, Aphids, Leafhoppers - 1-1/2 - 2 pts. OR 1-1/2 pts. in 1 gal. diesel fuel oil\*. \*Apply by aircraft or turbine-blower sprayers.

Barn Grass, Canary Grass, Fescue, Orchard Grass, Red Top, Timothy, Yellow Foxtail: Cereal Leaf Beetle - 1 - 1-1/2 pts.

GRAIN CROPS

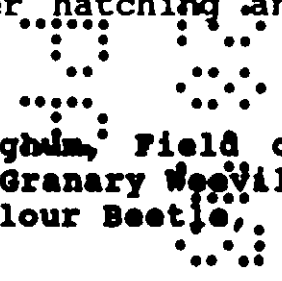
Barley, Corn, Wheat: Cereal leaf Beetle - 1 - 1-1/2 pts.  
~~(Postharvest storage treatment only.)~~

Barley, Rye, Wheat: English Grain Aphids, Greenbugs, Grasshoppers\* - 1-1/2 pts. \*Makes full coverage to hatching areas when nymphs are young. Armyworms - 2 pts. ~~(Post harvest storage treatment only.)~~

NON-AGRICULTURAL LANDS (Wasteland, Roadsides, Soil Bank, Land not to be grazed): Grasshoppers - 1-1/2 - 3 pts. OR 1-1/2 - 3 pts. in 1 gal. diesel fuel oil\*. \*Apply by aircraft or turbine-blower sprayer. Repeat applications may be needed after hatching and before movements to crops to take place.

STORED GRAIN

Wheat, Oats, Rice, Corn, Rye, Barley, Grain Sorghum, Field or Garden Seeds: Confused Flour Beetle, Rice Weevil, Granary Weevil, Saw-toothed Grain Beetle, Flat Grain Beetle, Red Flour Beetle,



**Supplemental Labeling  
Cythion, The Premium Grade Malathion, 5905-196  
Page 2.**

**Lesser Grain Borer, Indian Meal Moth - 1 pt. per 1000 bu. in 2-5 gals. water.**

**Apply CYTHION, The Premium Grade Malathion 56.44% Emulsifiable liquid as follows:**

**Residual Warehouse Spray - Before Storing Peanuts:** Clean warehouse thoroughly of trash and old remains of peanuts 1 to 2 weeks before new peanut crop is stored. Thoroughly spray with sufficient pressure interior of empty warehouse (including cracks and protected places) outside walls to height of 6 to 8 ft., and the ground to a distance of about 6 ft. from warehouse by diluting 1 pt. of CYTHION, The Premium Grade Malathion in sufficient water to make 2-1/2 gals. of spray or 1 gal. with 19 gals. of water. Apply finished spray at the rate of 2 gals. per 1000 sq. ft. or to runoff.

5555