

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 27 1989

Mr. J. E. Hartley, Ph.D.  
Fert. & ASC Center  
1000 N. 10th St.  
Wichita, KS 67201

Mr. J. E. Hartley

Subject: Amendment # 1 to your label, Brassica leafy vegetables  
Dacthal? E-75 (active)  
EPA Registration No. 15534-1  
Your Submission Date: August 10, 1989

The amendment referred to above, submitted in accordance with  
concentration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide,  
and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/re-registration  
of your product under FIFRA section 3(c)(5) when the Agency  
requires all registrants of similar products to submit such  
data.
2. Submit production information (pounds or gallons produced) for  
this product for the fiscal year in which the use on the crop  
group, brassica leafy vegetables is conditionally registered,  
in accordance with FIFRA section 29. The fiscal year begins  
October 1 and ends September 30. 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:

Registration Support Branch  
Registration Division (H7505C)  
Environmental Protection Agency  
Washington, DC 20460

52584: I: CR-45: Ikeda; MF-6: KENCO: 9/12/89; 9/22/89; AS: VO: EK: AS

CONCURRENCES

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3. Submit one (1) copy 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 bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

Joanne I. Miller  
Acting Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

**DACTHAL<sup>®</sup> W-75 HERBICIDE**  
EPA Reg. No. 50534-1

**APPLICATION TO BRASSICA LEAFY VEGETABLES CROP GROUP  
FOR CONTROL OF ANNUAL GRASSES AND CERTAIN BROADLEAVED WEEDS**

Registered under EPA Reg. No. 50534-1

**DIRECTIONS FOR USE**

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

**ANY APPLICATION OF DACTHAL SHOULD BE MADE PRIOR TO WEED SEED GERMINATION**

Crops	When to Apply	Rate/Acre	Remarks
Broccoli, brussels sprouts, cauliflower, cabbage and all other Brassica (cole) leafy vegetables in this crop group.*	At seeding or transplanting	6-14 lbs W-75 (See Rates of Application)	Apply uniformly to the soil as a spray. DA can be sprayed directly over transplants w injury. If weeds have emerged, soil should clean cultivated or weeded prior to applica Can be preplant incorporated.

\*Brassica leafy vegetables crop group includes broccoli, Chinese broccoli, broccoli raab (rapini), Brussels sprouts, cabbage, Chinese (bok choy, napa), Chinese mustard cabbage (gai choy), cauliflower, collards, kale, kohlrabi, mustard greens and rape greens.

NOTE: It is important to read and observe the precautionary statements and all other information appearing on DACTHAL W-75 HERBICIDE label. Use only as directed.

17 NOTE: This labeling must be in the possession of the user at the time of pesticide application.

## SUSCEPTIBLE WEEDS

(Controlled at Lowest Recommended Rates for Each Soil Type)

carpetweed	lovegrass
chickweed, common	nettle, burning
crabgrass, large	pansy, field
crabgrass, smooth	purslane
foxtail, green	pusley, Florida
foxtail, yellow	witchgrass
lambquarters, common	

## MODERATELY SUSCEPTIBLE WEEDS

(Highest Recommended Rates for Each Soil Type Required for Effective Control)

barnyardgrass	johnsongrass (from seed)
bluegrass, annual	knotweed, prostrate
copperleaf, rhombic	nightshade, black
copperleaf, Virginia (three-seeded mercury)	panicum, brown top
dodder	pigweed, redroot
deadnettle, purple	sandbur
deadnettle, spotted	spurge, nodding
goosegrass	spurge, prostrate
groundcherry	spurge, spotted

## DIFFICULT TO CONTROL WEEDS

(Commercially acceptable control of the following weeds may not always be obtained but weed populations will be suppressed when applied at the maximum labeled rate, thus resulting in less competition with the emerging and growing crop.)

buckwheat, wild	panicum, fall
canarygrass, littleseed	panicum, Texas
dock, curly (from seed)	polypogon, rabbitfoot
foxtail, giant	rocket, London
goosefoot, nettleleaf	shepherdspurge
henbit	sowthistle, annual
knotweed, silversheath	vaseygrass
ladysthumb	witchweed

## WEEDS NOT CONTROLLED WITH DACTHAL

galinsoga	nutsedge
jimsonweed	ragweed, common
johnsongrass (from rhizomes)	smartweed
mustards	velvetleaf

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 27 1989

Ralph P. Burton, Ph.D.  
Fernenta ASC Corporation  
P.O. Box 8000  
Mentor, OH 44061-8000

Dear Mr. Burton:

Subject: Amendment - Add Crop Group, Brassica Leafy Vegetables  
Dacthal<sup>®</sup> W-75 Herbicide  
EPA Registration No. 50534-1  
Your Submission Dated August 19, 1989

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit production information (pounds or gallons produced) for this product for the fiscal year in which the use on the crop group, brassica leafy vegetables is conditionally registered, in accordance with FIFRA section 29. The fiscal year begins October 1 and ends September 30. 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:

Registration Support Branch  
Registration Division (H7505C)  
Environmental Protection Agency  
Washington, DC 20460

**BEST AVAILABLE COPY**

52584; I: CR-45; Ikeda: MF-6; KENCO: 9/12/89; 9/22/89; AS: VO: EK: AS

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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3. Submit one (1) copy 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 bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

Joanne I. Miller  
Acting Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

BEST AVAILABLE COPY

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**DACTHAL<sup>R</sup> W-75 HERBICIDE**  
EPA Reg. No. 50534-1

**APPLICATION TO BRASSICA LEAFY VEGETABLES CROP GROUP  
FOR CONTROL OF ANNUAL GRASSES AND CERTAIN BROADLEAVED WEEDS**

**DIRECTIONS FOR USE**

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

**ANY APPLICATION OF DACTHAL SHOULD BE MADE PRIOR TO WEED SEED GERMINATION**

Crops	When to Apply	Rate/Acre	Remarks
Broccoli, brussels sprouts, cauliflower, cabbage and all other <u>Brassica</u> (cole) leafy vegetables in this crop group.*	At seeding or transplanting	6-14 lbs W-75 (See Rates of Application)	Apply uniformly to the soil as a spray. Can be sprayed directly over transplants without injury. If weeds have emerged, soil must be clean cultivated or weeded prior to application. Can be preplant incorporated.

\*Brassica leafy vegetables crop group includes broccoli, Chinese broccoli, broccoli raab (rapini), Brussels sprouts, cabbage, bok choy, napa, Chinese mustard cabbage (gai choy), cauliflower, collards, kale, kohlrabi, mustard greens and rape greens.

NOTE: It is important to read and observe the precautionary statements and all other information appearing on the DACTHAL W-75 HERBICIDE label. Use only as directed.

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NOTE: This labeling must be in the possession of the user at the time of pesticide application.

carpetweed  
chickweed, common  
crabgrass, large  
crabgrass, smooth  
foxtail, green  
foxtail, yellow  
• lambsquarters, common

lovegrass  
nettle, burning  
pansy, field  
purslane  
pusley, Florida  
witchgrass

#### MODERATELY SUSCEPTIBLE WEEDS

(Highest Recommended Rates for Each Soil Type Required for Effective Control)

barnyardgrass  
bluegrass, annual  
copperleaf, rhombic  
copperleaf, Virginia  
(three-seeded mercury)  
dodder  
deadnettle, purple  
deadnettle, spotted  
goosegrass  
groundcherry

johnsongrass (from seed)  
knotweed, prostrate  
nightshade, black  
panicum, brown top  
pigweed, redroot  
sandbur  
spurge, nodding  
spurge, prostrate  
spurge, spotted

#### DIFFICULT TO CONTROL WEEDS

(Commercially acceptable control of the following weeds may not always be obtained but weed populations will be suppressed when applied at the maximum labeled rate, thus resulting in less competition with the emerging and growing crop.)

buckwheat, wild  
canarygrass, littleseed  
dock, curly (from seed)  
foxtail, giant  
goosefoot, nettleleaf  
henbit  
knotweed, silversheath  
ladysthumb

panicum, fall  
panicum, Texas  
polypogon, rabbitfoot  
rocket, London  
shepherdspurge  
sowthistle, annual  
vaseygrass  
witchweed

#### WEEDS NOT CONTROLLED WITH DACTHAL

galinsoga  
jimsonweed  
johnsongrass  
(from rhizomes)  
mustards

nutsedge  
ragweed, common  
smartweed  
velvetleaf