

PM 23

67883-1

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FEB 25 1997

Mr. August S. Bjornson
DCV Chitin Technologies L.P.
3521 Silverside Road
Wilmington, DE 19810

Dear Mr. Bjornson:

Subject: HYGRA!™ Yield Enhancing Plant Growth Regulator
EPA Registration No. 67883-1
Application Dated January 27, 1997 and Your
Letter Dated February 7, 1997, Request
To Amend Registration To Add New Use Sites:
Beans (all types), Broccoli, Eggplant, Peas (all
types), Peppers (all varieties), Potatoes (Irish
varieties), Tomatoes (all varieties); and a
Revised Confidential Statement of Formula

The proposed revised Confidential Statement of Formula
(CSF) submitted on EPA Form 8570-4 and dated January 27, 1997
has been reviewed and found acceptable as the basic formula
for the subject pesticide product. The revised CFS has been
placed in this Agency's file for this product registration.

The proposed amendments described in the subject application
and letter have been reviewed and found to be acceptable for
registration under the Federal Insecticide, Fungicide and
Rodenticide Act, as amended, provided that you:

1. Revise the statement under the "General Instructions"
section that reads: "Treatment should begin when
the first trifoliar leaves have unfurled, or as soon
as practicable thereafter." to read: "Treatment should
begin as described for each use site."
2. Revise the first statement under the section "Specific
Crop Instructions" by omitting the word "the" from the
phrase "the growing plants as follows:".
3. Submit one (1) copy of the final printed label before
you release the product for shipment under the subject
labeling.

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

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

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6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Stamped copies of the proposed labels are enclosed for your records.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure (1)

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E.Wilson: ABC27: 02-25-97

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HYGRA!™

Yield Enhancing Plant Growth Regulator For Use In Culture of Vegetable Crops

Used as directed on this label, HYGRA!™ will stimulate growth and will increase yield of crops listed on this label.

1. Spray plant foliage every two weeks.
2. Apply as a diluted solution, using seven (7) ounces of HYGRA!™ per gallon of water.
3. Results in healthier, more vigorous plants and increased yield.
4. Use dedicated equipment, or thoroughly cleaned equipment to prevent contamination with other pesticides or chemicals previously used in the equipment.
5. Apply for thorough coverage of leaf surface, without runoff.

INGREDIENTS:

ACTIVE (POLY-D-GLUCOSAMINE)	2.5%
INERT	97.5%
TOTAL	100%

Product contains 0.21 lbs. of
poly-D-glucosamine/gallon

KEEP OUT OF THE REACH OF CHILDREN
CAUTION
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

RECEIVED BY: /PPD1
 97 FEB 10 12:00

ACCEPTED
with COMMENTS
In EPA Letter Dated

MANUFACTURED BY:
DCV Chitin Technologies L.P.
3521 Silverside Road
Wilmington, Delaware 19810

FEB 25 1997
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
67883-1

Establishment No. 56437
EPA Registration No. 67883-1

NET CONTENTS
[] 5 Gallons
[] 55 Gallons

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DIRECTIONS FOR USE

It is a violation of federal laws 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), notification to workers, 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 until sprays have dried.

PPE required for early entry into the 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:

- (1) coveralls, (2) waterproof gloves, (3) shoes plus socks.

General Instructions

Prepare spray solutions by diluting seven (7) ounces of HYGRA!™ to one gallon with water.

Apply diluted HYGRA!™ solution every two weeks to vegetable crops listed below. Treatment should begin when the first trifoliar leaves have unfurled, or as soon as practicable thereafter. Apply sufficient spray solution to wet leaf surfaces. Volume of diluted solution of HYGRA!™ required will increase as leaf surface grows.

Spray residues on harvested vegetables may be removed by washing in water.

Specific Crop Instructions

The diluted solution of HYGRA!™ containing 7 oz. of HYGRA!™ per gallon, should be applied to the growing plants as follows:

Beans (all types):- Apply every two weeks, beginning when the first trifoliar leaves have unfurled. Do not apply within three days of harvesting.

Broccoli:- Apply every two weeks, beginning when the first true leaves are unfurled. Do not apply within three days of harvesting.

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Eggplants:- Apply every two weeks, beginning when the first true leaves are unfurled. Do not apply within three days of harvesting.

Peas (all types):- Apply every two weeks, beginning when the first true leaves are unfurled. Do not apply within three days of harvesting.

Peppers (all varieties):- Apply every two weeks, beginning when the first true leaves are unfurled. For one time harvesting, do not apply within three days of harvesting. When hand-picking is practiced, continue to spray every two weeks, so long as there is fruit to be harvested.

Potatoes (Irish varieties):- Apply every two weeks, beginning when the first true leaves are unfurled. Do not apply within three days of harvest.

Sweet Corn (all varieties):- Apply every two weeks beginning when the first true leaves are unfurled. Do not apply within three days of harvest.

Tomatoes (all varieties):- Apply every two weeks, beginning when the first true leaves are unfurled. For one time harvesting, do not apply within three days of harvesting. When hand-picked is practiced, continue to spray every two weeks, so long as there is fruit to be harvested.

USE PRECAUTIONS

To prevent contamination of the dilute solution of HYGRA!™ by possible pesticide or other chemical residues in the spraying equipment, use dedicated equipment, or be sure that the equipment is thoroughly clean before use.

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
(AND DOMESTIC ANIMALS)**

**PERSONAL PROTECTIVE EQUIPMENT
(PPE)**

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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

**PRODUCT STORAGE, USE
AND DISPOSAL**

STORAGE:

Store in original container only. Keep product from freezing, contamination, and from excessive heat. In order to prevent contamination, do not return unused material to original container.

PRODUCT DISPOSAL:

Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Do not reuse container. Rinse thoroughly before discarding in trash.

ENVIRONMENTAL:

Do not apply directly to water sources. Do not contaminate water when disposing of equipment washwater. If spilled on ground-dilute with water to disperse.

NOTICE OF WARRANTY

DCV CHITIN TECHNOLOGIES LP MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE OR OTHERWISE, EXPRESS OR IMPLIED, concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label.

In no case shall the seller be liable for consequential or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer.