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OCT 10 1991

Jess R. Martineau, Ph.D.
AgriDyne Technologies Inc.
417 Wakara Way
Salt Lake City, UT 84108

Dear Dr. Martineau:

Subject: Gibrel 2% Liquid
EPA Reg. No. 62552-6
Re: Label Amendments
Your submission dated September 13, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable subject to the comment listed below. Please submit five (5) of your final printed labeling before releasing your product for shipment. A stamped copy is enclosed for your records.

1. Please update your "Environmental Hazards" statements to read "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark" and "Do not contaminate water when disposing of equipment washwaters".

Sincerely,

Cynthia Giles-Parker

Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (H7505C)

enclosure

CONCURRENCES							
SYMBOL	H7505C						
SURNAME	COLE						
DATE	10/8/91						

EPA Form 1320-1 (11-70)

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ACCEPTED
with COMMENTS
In EPA Letter Dated:

OCT 10 1991

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

62552-6

PLANT GROWTH REGULATOR

Gibrel®

2% LIQUID

Active Ingredients:

Potassium Gibberellate 2.0%*

Inert Ingredients 98.0%

*equivalent to 54.1 g. Gibberellic Acid per gallon

**KEEP OUT OF REACH OF CHILDREN
WARNING**

See accompanying information for additional statements.



E.P.A. Reg. No. 62552-6
E.P.A. Est. 50678-NJ-001

Net Contents:
1 gallon (3.78 liters)

AGRIDYNE
TECHNOLOGIES INC.

PLANT GROWTH

Gibrel

2% LIQ

**PRECAUTIONARY
HAZARD TO HUMANS AND
WATER**

KEEP OUT OF REACH OF CHILDREN

HARMFUL IF SWALLOWED. Use only as directed. Avoid contact with skin or eyes.

STATEMENT OF PRACTICE

If on skin: Wash with plenty of water. Get medical attention if irritant. Get victim to fresh air. If not breathing, give mouth-to-mouth. Get medical attention or Polson Control Center. Drink 1 glass of water. Vomiting by touching back of throat or give anything by mouth to an untrained person.

ENVIRONMENTAL PRECAUTIONS

Do not apply directly to water. Do not use in equipment or disposal of wastes.

PHYSICAL AND CHEMICAL

FLAMMABLE. Keep from heat and fire. See Other Panel for additional information.

RE-ENTRY STATEMENT

Do not enter treated areas without protective clothing until spray has dried. Written or oral warnings must be given to workers who are expected to be in treated areas or in areas about to be treated with this product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Oral warnings should be in a language customarily understood by workers, and include the following information:

Inform workers of areas or fields that must not be entered without protective clothing until sprays have dried. In case of accidental exposure, wash with plenty of water. If there is any eye irritation after washing, get medical attention.

Written warnings must include the following:

"WARNING: Area treated with Gibrel on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure, wash with plenty of water. If there is any eye irritation after washing, get medical attention."

DIRECTIONS FOR USE

It is a violation of Federal (U.S.A.) law to use this product in a manner inconsistent with its labeling.

Use only as directed. Spray thoroughly.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by all unprotected persons.

Do not apply this product through any type of irrigation system. When a range is indicated, use the concentration recommended locally to obtain desired results. Consult Extension Service Specialists.

CONVERSION TABLE

Desired Amount of Active Ingredient* (grams) per acre of finished spray	Amount of Gibrel 2% Liquid per acre (Gibrel 2% liquid contains approx. .5g a.i./fluid oz.)
1	2 fl. oz.
5	10 fl. oz.
8	16 fl. oz. (1 pint)
10	20 fl. oz.
12	24 fl. oz.
16	32 fl. oz. (1 quart)
20	40 fl. oz.
32	64 fl. oz. (1/2 gallon)
40	80 fl. oz.
50	100 fl. oz.

* Refers to active ingredient. See conversion table to convert to ounces of product.

Add the GIBREL when the mixing tank is nearly full.

NOTE: This product contains surfactant.

GRAPES - Thoroughly spray cluster area.

In-bloom - To decrease set resulting in less compact clusters, also to increase the berry size of Thompson Seedless, apply one spray when 30 - 80% of the caps have fallen.

USE 1 - 16 g a.i.* per acre.

Note: Higher concentrations may cause shot berries.

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Late-bloom - To improve berry size, spray Black Corinth (Zante current) during the interval between 95% cap-fall and 3 days after.

USE 1 - 3 g a.i.* per acre.

After-shatter - To increase the berry size of seedless varieties for table use, spray within two weeks after shatter following bloom (normal girdling time). For more uniform results, use in conjunction with girdling. Use both in-bloom and after-shatter sprays to obtain the largest Thompson Seedless berries.

USE 16-32 g a.i.* per acre.

To reduce berry shrivel of Emperors, apply one spray from one to two weeks after shatter following bloom when berries are about 1/2 inch in diameter.

USE 16-20 g a.i.* per acre.

CITRUS - Apply an outside coverage spray. Do not apply within one month of harvest.

Navel Oranges - To delay aging of the rind when the crop is to be held for late season harvest, spray in October, November or December.

USE 10 - 40 g a.i.* per acre.

Note: Do not spray between January 1 and August 1. Do not apply in whitewash spray. Early sprays, on occasion, may cause some non-detrimental leaf drop.

Lemons - To delay the development of yellow color in the fruit, spray in November or December, prior to appreciable development of yellow fruit.

USE 20 g a.i.* per acre.

Tangerine Hybrids - To increase fruit set and yield of Tangerine Hybrids (Orlando, Robinson, and Minneola) spray during full bloom.

USE 30 g a.i.* per acre.

CHERRIES - Apply a coverage spray.

Sour - To counteract the effect of cherry yellows virus, improve vegetative growth, and increase yield, spray infected trees each year 10 - 14 days after bloom. Do not apply within one month of harvest.

USE 8¹/₂ - 30 g a.i.* per acre.

Sweet - To delay harvest 3-5 days and increase size and firmness, spray 14-21 days before harvest when fruit is straw colored. May reduce bloom the following year.

USE 15 - 24 g a.i.* per acre.

EARLY ITALIAN PRUNES - To increase size and firmness, spray 3-4 weeks before harvest. May reduce bloom the following year.

USE 40 - 60 g a.i.* per acre.

HOPS - To increase cone set and yield, spray when vine growth is 5-8 feet in length, at least three weeks before flowering.

USE 2.8 - 6 g a.i.* per acre.

RHUBARB - To increase yield of forced crop, apply 2 fl. oz. of a solution containing 4 oz./gal of Gibrel 2% liquid to each crown within 24 hrs. after bringing into houses.

BLUEBERRIES - To set fruit, make single foliar type application at full bloom** to two weeks later, but in no case closer than 40 days before harvest. (Some varieties bloom closer to harvest than others.).

USE 80 g a.i.* per acre and apply to run-off, but do not exceed 300 gallons of spray per acre.

Note: Do not make more than one application in any crop year. Do not apply to plants in low state of vigor.

**when over 75% of flowers are in full-bloom stage.

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VEGETABLES - Do not spray within one week of harvest.

Artichokes - To hasten maturity, spray in Fall before November. USE 3 - 5 g a.i.* per acre.

Celery - To increase height and yield, spray one to four weeks before harvest. Harvest as soon as mature. USE 5 - 10 g a.i.* per acre.

SEED CROPS AND SEED POTATOES - (Non-food uses).

Cucumbers - To develop staminate flowers on gynocious inbred lines, spray three times at 5 day intervals beginning when the first true leaf has reached one inch in diameter.

USE 20 g a.i.* per acre.

Lettuce - To obtain uniform bolting, spray at 4-and 10-leaf stages. Do not feed crop wastes to livestock.

USE .4 - 4.0 g a.i.* per acre for the respective applications.

Potatoes - To stimulate sprouting of dormant seed, DIP in a solution containing .4 g a.i.* in 100 gal. of water, (1 ppm).

Storage and Disposal

Prohibitions - Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse container.

Pesticide Storage - Keep containers tightly closed when not in use. Keep away from heat and open flame.

Pesticide 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 empty container. Triple rinse (or equivalent). Offer for recycling, reconditioning or puncture and dispose of in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

LIMITATION OF WARRANTY AND CONDITIONS OF SALE

Read this Limited Warranty and Liability before buying or using this product.

AgriDyne Technologies Inc. warrants that this product conforms to the chemical description on the label and, if used in accordance with directions for use, is fit for the purposes referred to. It is impossible, however, to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of AgriDyne Technologies Inc. All such risks are expressly assumed by the buyer.

AgriDyne Technologies Inc. makes no other warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above. Under no circumstances shall the manufacturer be held liable for consequential or indirect damages resulting from the use or handling of this product. Damages caused by this product shall be limited to the purchase price.

Lot No.

Manufactured for
AgriDyne Technologies Inc.
417 Wakara Way
Salt Lake City, UT 84108
(801) 583-3500
(800) 657-3090

GIBREL REG TM AgriDyne Technologies Inc.

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