

PM 25 REG # 55140

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE MAY 16 1989
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

1. The registrant shall file a copy of the registration with the EPA...
2. The registrant shall file a copy of the registration with the EPA...
3. The registrant shall file a copy of the registration with the EPA...
4. The registrant shall file a copy of the registration with the EPA...
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9. The registrant shall file a copy of the registration with the EPA...
10. The registrant shall file a copy of the registration with the EPA...

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL <i>Robert J. Taylor</i>	DATE 5/11/89
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- d. Add the following to the precautionary section:

Physical and Chemical Hazards

Flammable! Keep away from heat and open flame.
Keep container tightly closed when not in use.

- e. On your label, delete the conversion statement by the asterisk. The conversion table refers to 5% formulated product, not 2%. Please make this statement consistent throughout the entire label.
- f. Add the following States beside each crop:

Navel Oranges (California)

Lemons (California)

Tangerine Hybrids (Florida)

Cherries (Sour) (all States except California)

Hops (for seeded and seedless Fuggle hops and similar varieties adapted to Oregon and the Northwest)

Artichokes (California)

Early Italian Prunes (Washington, Oregon, Idaho)

- g. Specify that the Gib Spray is to be applied on mature trees for navel oranges, lemons, tangerine hybrids, and Italian prunes.
- h. For artichokes, the recommended rate is 3.5 to 5 grams in 35 to 50 gallons per acre. For Italian prunes, the recommended rate is 40 to 60 grams in 400 to 500 gallons per acre.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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 constitutes acceptance of these conditions.

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

Robert J. Taylor
Product Manager (25)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosures
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Accepted with comments

ACCEPTED
with COMMENTS
in EPA Letter Dated:

11/16/80

AGTROL is a plant growth regulator, registered under the Fungicide, Insecticide, and Plant Growth Regulator Act of 1972. AGTROL is a plant growth regulator registered under EPA Reg. No. 55146-07968.

AGTROL CHEMICAL PRODUCTS
Houston, Texas 77074

FRONT LABEL

GIBREL POWDER 5%

(BRAND GIBBERELLIN PLANT GROWTH SUBSTANCE)

KEEP OUT OF THE REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

ACTIVE INGREDIENT	
Gibberellic Acid	5.0%
INERT INGREDIENTS.....	95.0%
TOTAL.....	100.0%

Net Contents - 320 GRAMS

EPA Reg. No. 55146 - 07968

EPA Est. No.

BACK LABEL - 1

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Do not enter treated area without protective clothing until sprays have dried.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must include the following information: Inform workers of areas or fields that must not be entered without appropriate protective clothing until sprays have dried. In case of accidental exposure, wash with plenty of water. If there is any irritation in eyes after washing, get medical attention. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: CAUTION: Area treated with GIBREL POWDER on (Date of application). Do not enter without appropriate protective clothing until spray has dried. In case of accidental exposure wash with plenty of water. If there is any irritation in eyes after washing, get medical attention.

CAUTION: Gibberellic Acid is an extremely potent plant growth regulator. For best results, read all directions for use thoroughly. Consult your local experiment station specialist, distributor, or the Agtrol agricultural specialist in your area for the spray schedule best suited to your conditions.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

Use only as directed. Spray thoroughly. When a range is indicated, use the concentration recommended locally to obtain desired results. Consult Extension Service Specialist.

CONVERSION TABLE

Grams of Actual Gibberellic Acid Per Acre	to	Amount of Gibrel Powder 5% per Acre
0.5		10.0 Grams
1.0		20.0 Grams
2.0		40.0 Grams
4.0		80.0 Grams
5.0		100.0 Grams
8.0		160.0 Grams
10.0		200.0 Grams
12.0		240.0 Grams
16.0		320.0 Grams
20.0		400.0 Grams
25.0		500.0 Grams
32.0		640.0 Grams
40.0		800.0 Grams
48.0		960.0 Grams
50.0		1000.0 Grams

MIXING DIRECTIONS

Add the GIBREL POWDER when the mixing tank is nearly full. To obtain a uniform solution, mix thoroughly for several minutes before spraying. Do not use wetting or spreading agents. Do not combine with pesticides.

CAUTION: Contains surfactant. Do not use spray tank additives with GIBREL POWDER. Do not combine with pesticides.

CITRUS

* Refers to actual gibberellic acid. See Conversion Table to determine amount of formulated 2% Liquid Gib required.

Apply on 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 Grams* in 500 gallons of spray per acre.*

CAUTION: Do not spray between January 1 and August 1. Do not apply in whitewash spray. Early sprays, on occasion, may cause some nondetrimental 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 Grams* in 500 gallons of spray per acre.

TANGERINE HYBRIDS: To increase fruit set and yield of Tangerine Hybrids (Orlando, Robinson, and Minneola), spray during full bloom. USE 30 Grams* in 500 gallons of spray 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 8-30 grams* in 200-300 gallons of spray 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 15-20 grams* in 500-600 gallons of spray 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 grams* in 200-300 gallons of spray per acre.

GRAPES: Thoroughly spray cluster area. Pre-bloom: To loosen compact bunches of seeded varieties, spray when clusters average 3-4 inches in length and may range from 2-5 inches, and shoots are about 15-20 inches long. USE 0.2-0.8 gram*/A for Tinta Madeira and Palomino. USE 0.5-1.5 grams*/A for Carignane, Valdepenas, and Aleatico. USE 1.0-3.0 grams*/A for Zinfandel, Petite Sirah, Chenin Blanc. USE 50-75 gallons of spray per acre. 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 1.0-15.0 grams* in 100-200 gallons of spray per acre. CAUTION: Higher concentrations may cause shot berries. Late-Bloom: To improve berry size, spray Black Corinth (Zante Currant) during the interval between 95% cap-fall and 3 days after. USE 1.0-3.0 grams* in 100-150 gallons of spray 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 pre-bloom and after-shatter sprays to obtain the largest Thompson Seedless berries. USE 32-80 grams* in 200 gallons of spray 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. Apply 20 grams* in 200-250 gallons of spray 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 4-6 grams* in 100-150 gallons of spray per acre.*

RHUBARB: *To increase yield of forced crop, apply 2 fl. oz. of a solution containing 20 grams* in 10 gallons to each crown within 24 hours after bringing into houses.*

SEED CROPS AND SEED POTATOES - (Non-Food Uses)

CUCUMBERS: *To develop staminate flowers on gynococious inbred lines, spray three times at 5 day intervals beginning when the first true leaf has reached one inch in diameter. USE 2.5-10 grams* in 25-50 gallons/A.*

LETTUCE: *To obtain uniform bolting, spray at 4 and 10 leaf stages. Do not feed crop wastes to livestock. USE 0.4 and 4.0 grams* in 10 and 100 gallons of spray per acre for the respective applications.*

POTATOES: *To stimulate sprouting of dormant seed, DIP in solution containing 0.2-0.4 grams in 100 gallons water prior to planting.*

VEGETABLES - Do not spray within one week of harvest.

ARTICHOKES: *To hasten maturity, spray in Fall before November. USE 3.5-5 grams* in 30-50 gallons of spray per acre.*

CELERY: *To harvest height and yield, spray one to four weeks before harvest. Harvest as soon as mature. USE 2.5-10 grams* in 25-50 gallons of spray per acre.*

*Refers to actual gibberellic acid. See Conversion Table to determine amount of formulated 2% Liquid Gib required.

BACK LABEL - 3

GIBREL POWDER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

GIBREL POWDER may cause eye irritation and is harmful if swallowed or if vapors are breathed for prolonged periods. In case of contact with eyes, flush thoroughly with water.

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 unprotected persons.

ENVIRONMENTAL HAZARDS

Avoid direct applications to any body of water. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. 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 containers. Properly rinse (or equivalent). Puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY STATEMENT

AGTROL CHEMICAL PRODUCTS warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. This warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes all risk of any such use.