

PAC 25

275-12 1. 13/86

100 p

Chemical and Agricultural Products Division
Abbott Laboratories D-928
1400 Sheridan Road
North Chicago, IL 60064

Attention: James R. Schassberger

Gentlemen:

Subject: Pro-Gibb 2% Liquid Concentrate
EPA Registration No. 275-12
Re: Label Revision
Your Letter Dated December 27, 1985

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. Please submit five (5) copies of your final printed labels incorporating this amendment. A stamped copy of labeling is enclosed for your records.

Sincerely yours,

Robert J. Taylor
Product Manager (25)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosure

90417:Erumsel:T-5:KENCO:1/7/86:1/16/86:EK:VO

CONCURRENCES

SYMBOL ▶	TS-7676						
SURNAME ▶	ERumsel						
DATE ▶	1-8-86						



Pro-Gibb®
(Gibberellic Acid)
Spraying Guide

01 0000/R7

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

LIQUID FORMULATIONS

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

CAUTION: Harmful if swallowed. Avoid breathing vapors. Avoid contact with eyes.

SOLUBLE POWDER FORMULATION

CAUTION: Powder causes eye irritation. If powder gets in eyes, flush thoroughly with water.

ENVIRONMENTAL HAZARDS

Avoid direct applications to any body of water. Do not contaminate water by disposal of waste or cleaning of equipment.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

See container label.

REENTRY STATEMENT

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

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:

Area treated with Pro-Gibb 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 irritation in eyes after washing, get medical attention.

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

DIRECTIONS FOR USE

Discard any unused spray material at the end of each day. Prepare solution concentrations by mixing the required amount of product with water only in a clean empty spray tank. For best results, applications should be made during cooler parts of the day.

Use only as directed. Good spray practices should be followed. The label should be read thoroughly and understood before making applications. Effectiveness requires that all parts of plant or crop must receive spray or desired result will not occur, so spray thoroughly. When a range of rates is indicated, use the concentration and spray volume recommended locally.

Gibberellic Acid is a naturally occurring compound produced by Abbott Laboratories in a biological process.

Data concerning the compatibility of Pro-Gibb with other agricultural compounds is not available.

SPRAY GUIDELINES FOR GRAPES

For all grapes, application is recommended by ground sprayer. Use 100 to 500 gallons per acre, depending on foliage density, or 30 to 80 gallons as a concentrate spray, unless specified otherwise. Do not exceed maximum rates. It is important to wet all berries thoroughly.

Thompson Seedless

For cluster elongation ("Stretch"), lower cluster forms, and reducing cost of thinning, when used in conjunction with established girdling and thinning practices.

• Guide: Apply 3 to 6 grams/A before bloom when flower clusters are 3 to 5 inches long.

For delayed berry set ("Thinning"), reducing hand thinning costs, and hastened maturity.

• Guide: Apply 3 to 12 grams/A during bloom. Higher amounts may cause an excess of shed berries or overthinning, except in high density plantings.

For larger berries ("Cracking") and larger clusters when used in conjunction with established girdling and thinning practices.

• Guide: Apply 12 to 24 grams/A when average berry size is 13.64 in diameter or as two applications of equal amount with the first made 7 to 10 days after shatter, followed during the next two weeks by the second application. Timing of the second spray will be dictated by experience in the vineyard to be sprayed and temperatures occurring during the interval between sprays. Potential effect will be reduced if the second spray occurs more than two weeks after the first application.

Thompson Seedless for Raisins

For decreasing berry set, with increased raisin quality and hastened maturity.

*Refers to actual Gibberellic Acid. See Conversion Table to convert to amount of formulated Pro-Gibb needed.

ACCEPTED
JAN - 8 1986
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 275-12.

80
at or 2 to 3
days

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- Guide: Apply 0.75 to 6 grams*/A during bloom.

Flame Seedless

For decreased berry set ("Thinning") and reducing hand thinning costs.

- Guide: Apply 3 to 7.5 grams*/A during bloom. Higher amounts may cause an excess of shot berries or overthinning.

For larger berries ("Sizing") and larger clusters when used in conjunction with established girdling and thinning practices.

- Guide: Apply 8 to 18 grams*/A as one application when berry diameter reaches 6 to 8 millimeters, or as two applications of equal amounts with the first made when berry diameter reaches 6 to 8 millimeters, followed during the next 5 to 10 days by the second application. Timing of the second spray will be dictated by experience in the vineyard to be sprayed and rate of berry growth during the interim between sprays.

Other Seedless Varieties such as Perlette, Seedless Tokay, Interlock Series and Related Hybrids

For larger berries and larger clusters when used in conjunction with established girdling and thinning practices.

- Guide: Apply 8 to 18 grams*/A as one application at or just after shatter (usually 2 to 3 days later) or as two applications of equal amounts not to exceed a total of 48 grams*/A, with the first made at or just after shatter, followed during the next two weeks by the second application. Timing of the second spray with split application will be dictated by experience in the vineyard to be sprayed and temperatures occurring during the interim between sprays. Potential effect will be reduced if the second spray occurs more than two weeks after the first application.

Emperor

For reducing berry shrivel. This use can also increase berry size.

- Guide: Apply 20 grams*/A as one application in 200 to 250 gallons/A approximately two weeks after completion of shatter following bloom. This timing should correspond to a period when the predominant berry diameter ranges from 10 to 15 millimeters.

Black Corinth (Zante Currant)

For improving berry size.

- Guide: Apply spray containing 1 to 8 grams*/A 3 to 5 days after full bloom, but before shatter begins.

Concord

(Arkansas, Michigan, New York, Ohio and Pennsylvania)

For cluster elongation (Stretch), larger cluster forms, increased berry size, reduced number of green berries, increased soluble solids content, and increased yields when used in conjunction with established girdling and thinning practices and a first bloom application of daminozide (Alar® 85) to increase berry set.

- Guide: Apply 40 to 80 grams*/A in a postbloom spray at the berry shatter stage. Grape vines should have received a first bloom application of daminozide (Alar® 85) at the recommended rate of 1 lb/A Alar® 85. See current Alar® 85 Label for precautionary statements and other specific recommendations.

Applications should not be made to vines considered to be in low vigor.

Apply in sufficient water to give uniform and complete coverage.

SPRAY GUIDELINES FOR CITRUS

NAVEL ORANGES

(California)

To delay aging of the rind and reduce rind disorders (e.g., rind staining, water spotting, sticky or tacky surface, puffy rind and rupture under pressure) and to produce a more orderly harvesting pattern.

EARLY SPRAY (October/November — before any color change)

Apply to groves where harvest is not anticipated before March 1. The delay in rind aging is greatest when the early spray is applied before a color change. This spray timing produces the firmest rind possible.

- Guide: Apply one spray in October or November, before any color change. On large mature trees, apply 10 to 40 grams*/A in 400 to 500 gallons/A dilute, or 50 to 100 gallons/A concentrate.

*Refers to actual Gibberellic Acid. See Conversion Table to convert to amount of formulated Pro-Gibb needed.

CAUTION: Do not apply to groves that may be harvested before March 1 as a reduction in grade may result due to the delayed coloring. Do not apply in white wash sprays in which lime or other caustic material has produced a high pH in the spray tank.

LATE SPRAY (December/January — after marketable color is reached)

Apply to groves where harvest may be before March 1 (or not known).

- Guide: Apply one spray in December or January just after marketable color has developed. On large mature trees, apply 10 to 40 grams*/A in 400 to 500 gallons/A dilute, or 50 to 100 gallons/A concentrate.

CAUTION: Sprays applied in late January/February may cause reduced production the following year. Do not apply within 10 days of harvest. Do not spray navel orange trees between February 15 and August 1.

VALENCIA ORANGES

(California)

To reduce rind aging and to delay aging and softening of the rind.

- Guide: Apply a single spray in August or September to trees with a target crop of young fruit. On large mature trees, apply 10 to 40 grams*/A in approximately 500 gallons/A dilute or 100 gallons/A concentrate.

CAUTION: Some increased regreening, or slower color development, should be expected in the target crop. Some increased regreening of mature fruit, if present, may occur.

LEMONS

(California)

To decrease the amount of small tree ripe fruit and to produce a more desirable production pattern in relation to market demand.

- Guide: Apply in a single spray in November or December to control fruit maturity by delaying development of yellow colored fruit. Use 20 grams*/A in 500 gallons/A on large mature trees.

When applied two years in a row, an even larger difference in harvest pattern and maturity occurs.

CAUTION: Do not apply within one month of harvest. Do not apply in spring or summer.

TANGERINE HYBRIDS

(Florida)

To increase fruit wet and yields on tangerine hybrids with pollination problems such as the Orlando, Robinson, and Minocola.

- Guide: Apply spray during full bloom. Be sure to wet the leaves sufficiently.

Fruits are generally seedless. Use 8 to 30 grams*/A in 400 to 500 gallons/A on large mature trees.

CAUTION: A slight increase in mature leaf drop occurs at concentrations above 25 ppm. Fruit sizes may be reduced and color development slightly retarded.

(California)

To delay disorders associated with rind aging of the Minocola tangelo, e.g., puffiness and softening, and to increase peel strength.

- Guide: Apply 20 to 40 grams*/A in 400-500 gallons (10 to 20 ppm) dilute spray two weeks prior to color break. For the San Joaquin Valley, apply in October, for San Diego County, apply in November.

CAUTION: Do not apply if early harvest is planned. Do not apply after coloring as pre-harvest rind staining may occur. Application during coloring may cause variation in rind color development.

GRAPEFRUIT

(Florida and Texas)

To delay disorders associated with rind aging, e.g., puffiness, softening, and orange coloration, to prevent pre-harvest drop of mature fruit, and to increase peel strength and reduce water loss during storage.

- Guide: Apply a single spray to fully colored fruit during the November through January period. Use 20 to 55 grams*/A in 500 to 700 gallons/A containing a suitable non-ionic surfactant at the manufacturer's recommended rate. It is advisable to spot pick heavy crops to aid early marketing and to avoid reduction of yields which generally follow late-hold crops.

CAUTION: Applications made after January or when trees begin to break dormancy may adversely affect new crop. Do not use concentrate sprays. Results

*Refers to actual Gibberellic Acid. See Conversion Table to convert to amount of formulated Pro-Gibb needed.

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may vary season to season depending on environmental conditions

GRAPEFRUIT, STAR RUBY VARIETY

(Texas)
To reduce early season drop of small fruit of Star Ruby Variety thereby increasing yields

• Guide: Apply a single spray during the bloom period

Use Pro-Gibb 391's Liquid Concentrate Use 25 fluid ounces (1 1/4 20 ounce bottles) (25 grams*) in 250 gallons water final spray mixture per acre. A suitable surfactant may be used to enhance efficacy

CAUTION: Do not tank mix with other chemicals. Do not apply concentrated solution

Results may vary season to season depending on environmental conditions

Maintain a well balanced fertilization and watering program

SPRAY GUIDELINES FOR FRUIT CROPS

BLUEBERRIES

For improving fruit set. For wet problems due to insufficient natural honeybee pollination on varieties such as Coville, Jersey, Stanley, Earleblue, Weymouth and others

• Guide: Make a single foliage spray application at full bloom (when over 75 percent of all flowers are fully open). For Weymouth, application can be delayed up to two weeks after full bloom to affect sizing of shot berries

Use Pro-Gibb 391's Liquid Concentrate Mix 80 fluid ounces in 100 gallons of water. Use of a spreader/sticker is recommended. Apply to the point of run off, thoroughly wetting all parts of the plant. Total gallonage will depend on size and density of the plants

CAUTION: Do not exceed 300 gallons/A. Although some varieties bloom closer to harvest than others — in no case should application be made closer than 40 days before harvest. Do not apply to plants in a low state of vigor

SWEET CHERRIES

To delay harvest, to produce a brighter colored, firmer fruit, and to increase size

• Guide: Apply spray when the fruit is light green to straw colored. Apply spray to thoroughly wet the entire tree. Use 16 to 48 grams* in 400 to 600 gallons/A on large mature trees

CAUTION: Do not apply within one week of harvest

RED TART CHERRIES

(All states except California)

To maintain and extend high fruiting capacity of bearing tart cherry trees and reduce occurrence of "blind" trees by stimulating lateral vegetative buds to develop a more productive balance of lateral shoots and spurs

• Guide: Apply a foliar spray containing 4 to 8 fluid ounces of Pro-Gibb 391's or 8 to 16 fluid ounces of Pro-Gibb 2* in 100 gallons finished spray from 14 to 28 days after bloom (or up to 14 days after shuck split). Use full coverage sprays of 100 to 250 gal/A on medium to large bearing trees. Be sure entire trees receive good coverage. Use of a good horticultural wetting agent at the manufacturer's recommended rate will aid foliar wetting. Pro-Gibb must be applied annually to insure vegetative development and subsequent yield improvement year after year

Note: Pro-Gibb works by affecting lateral bud differentiation which is apparent the year after application. Therefore, changes in shoot, spur, and flower production will not be evident until 2 or 3 years after program initiation. Once this period of extended response will be severely protracted annual applications have been made

CAUTION: Do not spray within one month of harvest. Adjust Pro-Gibb rate to complement vigor of trees. If trees are vigorous, use lowest recommended rates. Use higher rate for trees low in vigor and showing weak shoot and spur production. Excessive application rates on any tree will increase vegetative growth at the expense of fruit production the following year

Pro-Gibb will not improve growth of trees under stress (nutritional, moisture, winter injury) or other factors inhibiting normal growth and development

*Refer to actual Gibberellic Acid. See Conversion Table to convert to amount of formulated Pro-Gibb needed

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TART

sulting from physical damage or unsound orchard practices. Best results from Pro-Gibb will be obtained when combined with good cultural practices.

YOUNG SOUR AND SWEET CHERRY TREES

(All states except California)

To reduce flowering and fruiting in young sour and sweet cherry trees to minimize the competitive effect of early fruiting on tree development.

● Guide: Applications four weeks after bloom with a concentration of 25 to 50 grams* in 25 to 50 gallons of water. Use 25 to 50 grams* in 25 to 50 gallons of water. Use 25 to 50 grams* in 25 to 50 gallons of water. Use 25 to 50 grams* in 25 to 50 gallons of water.

Under conditions of low vigor, two applications are recommended. If two spray applications are made, allow at least a seven day interval between sprays.

CAUTION: DO NOT SPRAY TREES IN THE FIRST YEAR. Treat in the second season for reduction of flowering in the third season, and again in the third season if reduction of flowering and fruiting is desired in the fourth season.

OLYMPUS STRAWBERRIES

(N.W. US Only, propagation stock)

To increase runner production of mother plants of the Olympus cultivar.

● Guide: Apply a single spray to mother plants 10 to 30 days after planting. At the time of spraying, plants should have 1 to 6 leaves. Apply 100 gallons/A to thoroughly wet new foliage to the point of run-off. Use 20 grams*/A.

CAUTION: Not for use on fruiting plants. Treatments may not be effective on plantings set out after mid May.

FORCING RHUBARB

To increase yield of marketable forced rhubarb and to break dormancy on plants receiving insufficient chilling.

● Guide: Apply 2 fluid ounces (60 ml) of a solution containing 20 grams* in 10 gallons to each cleaned crown, when the rest period is not completely broken. When the rest period is broken by cold weather, apply 2 fluid ounces (60 ml) of a solution containing 10 grams* in 10 gallons.

CAUTION: Keep forcing house temperatures at 40 to 50 F for 24 hours after application. If house is warmer than 50 F, the crown should be covered with plastic. Temperatures in the forcing house above 50 F will result in lower yields and poor stalk color.

SPRAY GUIDELINES FOR VEGETABLE CROPS

ARTICHOKES

(California)

To accelerate maturity of artichokes and to shift the harvest to an earlier date.

● Guide: Apply spray in the fall up to November 1. Be sure the entire plant (leaves, stems and buds) are covered to point of run off. Use 3.5 to 5 grams* in 35 to 50 gallons/A.

CAUTION: Do not apply within seven days of harvest.

CELERY

To increase plant height and yield and overcome stress due to cold weather conditions, or saline soils and to obtain earlier maturity.

● Guide: Apply spray one to four weeks prior to harvest. Lower concentrations are applied at the three to four week interval. Higher concentrations at the one to two week interval. Use 2.5 to 10 grams* in 25 to 50 gallons/A.

CAUTION: Do not apply earlier than four weeks before harvest as Gibberellic Acid may induce bolting (seed stalk formation).

Applications made less than one week preharvest may result in residues.

Celery plants must be harvested when mature to ensure quality.

LETTUCE FOR SEED

To insure uniform bolting and increase seed production.

● Guide: Apply the following spray schedule:

Crowth Stage	ppm*	g*/A	Gallons/Acre
4 leaf stage	10	0.4	10
8 leaf stage	10	1.6	40
12 leaf stage	10	4	100

CAUTION: Do not feed crop wastes to livestock.

SEED POTATOES

To stimulate uniform sprouting, for maximum production, more uniform development, fewer late maturing plants, and to break dormancy of newly harvested potatoes that have not had a full rest period.

● Guide: Dip freshly dug seed pieces in a solution containing 0.2 to 0.4 gram* in 100 gallons prior to planting.

CAUTION: If seed temperature is very high, avoid treating rested seed and use the minimum concentration for dormant seed.

*Refers to actual Gibberellic Acid. See Conversion Table to convert to amount of formulated Pro-Gibb product.

GRAMS OF ACTUAL GIBBERELIC ACID PER ACRE **CONVERSION TABLE** **TO** **AMOUNT OF PRO-GIBB® FORMULATION PER ACRE**

Desired Actual Gibberellic Acid Concentration (Grams*) in Formulated Spray (Per Acre)	PRO GIBB Plus 40% Soluble Powder Contains (10 Gram*/10 Grams Formulated Product)	PRO GIBB Plus 2% Soluble Powder Contains (10 Gram*/10 Grams Formulated Product)	PRO GIBB 3.91% and 4% Liquid Contains (10 Gram*/Fluid Ounce of Formulated Product)	PRO GIBB 2% Liquid Contains (10 Gram*/Fluid Ounce of Formulated Product)
0.5	5 grams	2 grams	0.5 oz	1 oz
1.0	10 grams	5 grams	1 oz	2 oz
2.0	20 grams	10 grams	2 oz	4 oz
4.0	40 grams (1/4 bottle)	20 grams (1/2 bottle)	4 oz	8 oz
5.0	50 grams	25 grams (1/2 bottle)	5 oz	10 oz
8.0	80 grams (1/2 bottle)	40 grams (1/2 bottle)	8 oz	16 oz
10.0	100 grams	50 grams (1/2 bottle)	10 oz	20 oz
12.0	120 grams	60 grams (1/2 bottle)	12 oz	24 oz
18.0	180 grams (1 bottle)	80 grams (1/2 bottle)	18 oz	32 oz
20.0	200 grams	100 grams (1 bottle)	20 oz	40 oz
25.0	250 grams	125 grams (1 bottle)	25 oz	50 oz
32.0	320 grams (2 bottles)	160 grams (1 bottle)	32 oz	64 oz
40.0	400 grams	200 grams (1 bottle)	40 oz	80 oz
48.0	480 grams (3 bottles)	240 grams (1 1/2 bottles)	48 oz	96 oz
50.0	500 grams	250 grams	50 oz	100 oz

*Refers to actual Gibberellic Acid

Apply PRO-GIBB Liquid Concentrate two to four weeks after bloom. Mix 20 to 40 ounces of PRO-GIBB 3.91% or 40 to 80 ounces of PRO-GIBB 2% in 100 gallons of water. Apply a foliar spray of 25 to 50 gallons per acre, assuming a tree density of 100 trees per acre equivalent, or apply about one quart of spray volume per tree.

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SPINACH

(Arkansas, Oklahoma, and Texas)

To facilitate harvest, increase yield and improve quality of fall and over-winter spinach

• **Guide:** Apply a single spray 10 to 14 days before harvest on fall or over-winter spinach, usually when daytime temperatures are 40° to 70 F and during early morning hours when dew is present on crop

Use Pro-Gibb 3.91% Liquid Concentrate

In Arkansas and Oklahoma, mix 6 to 8 fluid ounces/A (6 to 8 grams/A) in 25 to 50 gallons/A by ground sprayer or in a minimum of 10 gallons/A by air

In Texas, mix 4 to 8 fluid ounces/A (4 to 8 grams/A) in 25 to 50 gallons/A by ground sprayer or in a minimum of 5 gallons/A by air. Maximum benefit from Pro-Gibb is obtained when below normal temperatures predominate following application and growth would be otherwise slowed in untreated spinach. Applications of Pro-Gibb may be made as recommended above on successive crops following regrowth from preceding harvests

CAUTION: Since Gibberellic Acid can promote bolting, do not apply to spinach after the mid-winter period or if temperatures may be expected to exceed 75 F within several days of application. Do not apply on spring planted spinach

SPRAY GUIDELINES FOR FLORICULTURE CROPS

POMPOM CHRYSANTHEMUMS

(Florida)

For elongating peduncles on pompom chrysanthemums

• **Guide:** Apply a single spray 4 to 5 weeks after initiation of short day conditions

Use Pro-Gibb 3.91% Liquid Concentrate. Use 1/2 to 1 fluid ounce (1/2 to 1 gram) in 12 gallons for application to 1,000 sq ft of bed (20 to 40 fluid ounces equivalent to 20 to 40 grams) in 500 gallons/A

Apply with overhead nozzles directing the spray to the flower buds

CAUTION: Overuse or incorrect timing may cause long, spindly, and weak stems

STATICE

(Florida)

To promote earlier flowering and to increase flower yield

• **Guide:** Apply a single drench spray when plants are more than 10 inches in diameter (approximately 90 to 110 days after normal seeding time). Use 40 to 50 grams* in 25 gallons to provide 10 ml (5 mg) solution per plant

CAUTION: Do not exceed specified rates. Do not apply repeated sprays. Accelerated flowering is influenced by extended photoperiod, adequate nutrition, and reduced night temperature. Treatment with gibberellins lessens the requirement for the cold requirement and/or the long photoperiod

SPRAY GUIDELINES FOR ADDITIONAL CROPS

BERMUDAGRASS GOLF TURF

(Florida)

To initiate or maintain growth and prevent color change during periods of cold stress and light frosts on golf course Bermudagrass (e.g., Tifdwarf, Tifgreen, etc.)

• **Guide:** Apply 10 grams* weekly or 25 grams* bi-weekly in 25 to 100 gallons/A

Use Pro-Gibb 3.91% Liquid Concentrate. Mix 1/4 to 2/3 fluid ounce (1/4 to 2/3 gram) in approximately 5 gallons appropriate for the spray equipment for application to 1,000 sq ft (1/2 to 2/3 fluid ounces/A equivalent to 10 to 25 grams/A in 25 to 100 gallons/A)

CAUTION: Do not exceed specified rates. Do not apply during extended warm periods where night temperatures exceed 65 F

Maintain adequate moisture and proper fertilization programs recommended in local areas

Discontinue treatments if thinning occurs

Do not apply the high rate more frequently than every two weeks. More frequent mowing may be necessary

Do not use on dormant turf

*Refer to actual Gibberellic Acid New Conversion Table to convert to amount of formulated Pro-Gibb needed

HOPS

For seeded and seedless Fuggle hops and similar varieties

adapted to Oregon and the Northwest

To increase yield and pickability

• **Guide:** Apply spray when vine growth is five to eight feet in length. Use 4 to 6 grams* in 100 to 150 gallons/A

CAUTION: Do not apply within three weeks of harvest

SUGAR CANE

(Newest)

Use Pro-Gibb Plus 10% Soluble Powder

For increase in sucrose yield

• **Guide:** Apply 28 to 64 grams* in 7 to 10 gallons/A of spray by airplane. Uniform coverage is essential for maximum response. Use 56 grams as a single treatment, or 28 grams two or three times in separate applications with 30 to 45-day intervals. Application may be made to cane during the first and/or second year of culture. Young cane should be at least three months old to avoid possible tiller reduction. Application should not be made less than 4 months prior to harvest

Application should be made when growth rate is depressed by temperature. Cane grown below 1,500 feet elevation will benefit from applications made during November through March

Cane should be treated when there is sufficient soil moisture from rain or irrigation to sustain a high growth rate for at least 30 days following each treatment. Lack of water will negate treatment effect

Three forms of Pro-Gibb brand Gibberellic Acid are now available to better serve the needs of individual growers

Pro-Gibb Plus 10% Soluble Powder (160 grams/bottle)

Active Ingredient:

Gibberellic Acid* 10% W/W

Equivalent to 16 grams* of Gibberellic Acid per bottle

EPA Reg. No. 275-20

Pro-Gibb Plus 2% Soluble Powder (160 grams/bottle)

Active Ingredient:

Gibberellic Acid* 2% W/W

Equivalent to 32 grams* of Gibberellic Acid per bottle

EPA Reg. No. 275-02

Pro-Gibb 3.91% Liquid Concentrate (20 fl. oz./bottle)

Active Ingredient:

Gibberellic Acid* 3.91% W/W

Equivalent to approximately 10 grams* of Gibberellic Acid per fluid ounce of product

EPA Reg. No. 275-15

Pro-Gibb 4% Liquid Concentrate (20 fl. oz./bottle and 120 fl. oz./bottle)

Active Ingredient:

Gibberellic Acid* 4% W/W

Equivalent to approximately 10 grams* of Gibberellic Acid per fluid ounce of product

EPA Reg. No. 275-01

Pro-Gibb 2% Liquid Concentrate (1 gallon/bottle)

Active Ingredient:

Gibberellic Acid* 2% W/W

Equivalent to approximately 0.5 grams* of Gibberellic Acid per fluid ounce of product

EPA Reg. No. 275-12

NOTICE TO USER

Seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

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CHEMICAL AND AGRICULTURAL
PRODUCTS DIVISION
ABBOTT LABORATORIES
NORTH CHICAGO, ILLINOIS 60064

Printed in U.S.A.