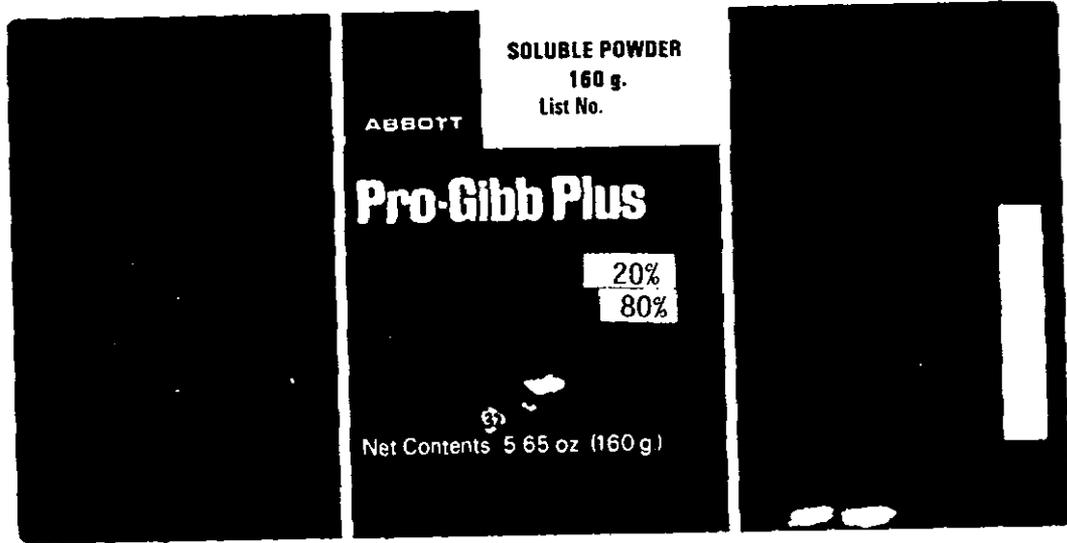


1064
PM 25
275-62

DRAFT CONTAINER LABEL
EPA Reg. No. 275-
April 3, 1985
Page 1 of 1



ACCEPTED
OCT 24 1985
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
this label is for the pesticide
registered under
EPA Reg. No. 275-62

Pro-Gibb®
(Gibberellic Acid)
Spraying Guide

01-3077-R5

**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

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

ENVIRONMENTAL HAZARDS:
Avoid direct application 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 (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 specialist, 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 as a dilute spray according to 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"), looser cluster forms, and reducing cost of thinning, when used in conjunction with established girdling and thinning practices.

• Guide: Apply 3 to 8.6 grams/A before bloom when flower clusters are 3 to 5 inches long.

For decreased 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 shot berries or overthinning, except in high density plantings.

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

• Guide: Apply 3 to 18 grams/A in one application or just after shatter, usually 2 to 3 days later, or as two applications of equal amounts with the first made at or just 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.

ACCEPTED
OCT 24 1985
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 275-62

Apply 32 to 64 grams* / A when average berry size is 13/64" in diameter or as two applications of equal amount with the first made 2 to 3 days

• 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 48 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, Intertek Series and Related Hybrids

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

• Guide: Apply 8 to 48 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.

Empress

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 8 days after full bloom, but before shatter begins.

Concord

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

For cluster elongation ("Stretch"), looser 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 40-80 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 nod and rupture under pressure) and to produce more orderly harvesting patterns.

EARLY SPRAY (December/January) — 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 20 grams*/A in 400 to 500 gallons/A dilute, or 50 to 100 gallons/A concentrate.

*Refer 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.

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* 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 set and yields on tangerine hybrids with pollination problems such as the Orlando, Robinson, and Minnesota.

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

Fruits are generally seedless. Use 8 to 30 grams* 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 Minneola 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 36 grams* 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 held crops.

CAUTION: Applications made after January or when trees begin to break dormancy may adversely affect new crop. Do not use concentrate sprays. Results 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 391X 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.

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

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 set problems due to insufficient natural honeybee pollination on varieties such as Coville, Jersey, Stanley, Earliebloo, 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 391X 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 harvesting, 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" nodes 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 391X or 8 to 16 fluid ounces of Pro-Gibb 2X 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 is satisfied, response will be yearly provided 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 resulting 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: Apply two to four weeks after bloom with no more than two sprays. Use 5 to 20 grams* in 25 to 50 gallons/A (this assumes density of 100 trees per acre equivalent) or, about 1 quart of spray volume per tree.

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

... mix 4 to 8 fluid ounces/A (4 to 8 grams*/A, 50 gallons/A by ground sprayer or in a mini-5 gallons/A by air. Maximum benefit from Pro-Gibb is obtained when below normal temperatures predominate following application and growth is otherwise slowed in untreated spinach. Application of Pro-Gibb may be made as recommended in successive crops following regrowth from harvest.

CAUTION: Since Gibberellic Acid can promote do not apply to spinach after the mid-winter if temperatures may be expected to exceed thin several days of application. Do not apply to planted spinach.

GUIDELINES FOR FLORICULTURE

IM CHRYSANTHEMUMS

... peduncles on pompon chrysanthe-

... Apply a single spray 4 to 5 weeks after initiation day conditions.

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

... with overhead nozzles directing the spray to the buds.

CAUTION: Overuse or incorrect timing may cause injury, and weak stems.

E

... note earlier flowering and to increase flower

... le: Apply a single drench spray when plants are an 10 inches in diameter (approximately 90 to 120 days after normal seeding time). Use 40 to 50 in 25 gallons to provide 10 ml (5 mg*) solution.

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

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

AMOUNT OF PRO-GIBB[®] FORMULATION PER ACRE

ounce per acre	PRO-GIBB 3.91% Liquid Concentrate (16 Gram*/Fluid Ounce of Formulated Product)	or 4%
		0.5 oz
	1 oz	
	2 oz	
	4 oz	
	5 oz	
	9 oz	
	10 oz	
	12 oz	
	16 oz	
	20 oz	
	25 oz	
	32 oz	
	40 oz	
	48 oz	

RAY GUIDELINES FOR ADDITIONAL CROPS BERMUDAGRASS GOLF TURF

CAUTION: To initiate or maintain growth and prevent color change during periods of cold stress and light frosts on golf course Bermudagrass (e.g., Tidwarf, 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 6 gallons appropriate for the spray equipment for application to 1,000 sq. ft. (10-1/2 to 26-1/2 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 is observed. Do not apply the high rate more frequently than every two weeks. More frequent mowing may be necessary.

... Do not use on dormant turf.

NOPS

... 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 20% Soluble Powder

... For increase in sucrose yield.

... Guide: Apply 28 to 84 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 1,600 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.

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.

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

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

Pro-Gibb Plus 10% Soluble Powder (168 grams/bottle)

Active Ingredient:

Gibberellic Acid*... 10% W/W

Equivalent to 16 grams* of Gibberellic Acid per bottle.

EPA Reg. No.: 275-30

Pro-Gibb Plus 20% Soluble Powder
(160 grams/bottle)

Active Ingredient:

Gibberellic Acid*... 20% w/w

Equivalent to 32 grams* of
Gibberellic Acid per bottle

EPA Reg. No. 275-

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

Active Ingredient:

Gibberellic Acid*... 2% W/W

Equivalent to approximately 0.5 gram* of

Gibberellic Acid per fluid ounce of product.

EPA Reg. No.: 275-12

or 4%

or 128 fl. oz.

Pro-Gibb 3.91% Liquid Concentrate (26 fl. oz./bottle)

Active Ingredient:

Gibberellic Acid*... 3.91% W/W

Equivalent to approximately 1.0 gram* of

Gibberellic Acid per fluid ounce of product.

EPA Reg. No.: 275-15



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

Printed in U.S.A.

Draft Insert (Labeling)
EPA Reg. No. 275-
April 3, 1985
Page 3 of 3

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. 55 Belt; 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 crowns 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.

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

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 obtain uniform bolting and increase seed production.
 • Guide: Apply the following spray schedule:

Growth 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 grams* in 100 gallons prior to planting.
CAUTION: If soil temperature is very high, avoid treating treated seed and use the minimum concentration for dormant seed.

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, ideally 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.

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

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 harvest.
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 16 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.

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

RAY 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 courses Bermudagrass (e.g. Tidwarf, TVgreen, etc.)
 • Guide: Apply 10 grams* weekly or 25 grams* biweekly 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 6 gallons appropriate for the spray equipment for application to 1,000 sq. ft. (10-1/2 to 25-1/2 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 area.
 Discontinue treatments if thinning is observed.
 Do not apply the high rate more frequently than every two weeks. More frequent mowing may be necessary.
 Do not use on dormant turf.

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

(Hawaii)
 Use Pro-Gibb Plus 10% Soluble Powder
 For increase in sucrose yield.
 • Guide: Apply 28 to 84 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 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.

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.

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

Five forms of Pro-Gibb brand Gibberellic Acid now available to better serve the needs of 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 EPA Reg. No.: 275-20

Pro-Gibb Plus 20% Sol (160 grams/bottle)
 Active Ingredient: Gibberellic Acid*....
 Equivalent to 32 grams Gibberellic Acid per EPA Reg. No. 275-

Pro-Gibb 2% Liquid Concentrate (1 gallon/bottle)
 Active Ingredient: Gibberellic Acid*... 2% W/W
 Equivalent to approximately 0.5 gram* of Gibberellic Acid per fluid ounce of product.
 EPA Reg. No.: 275-12

Pro-Gibb 3.91% Liquid Concentrate (28 fl. oz.)
 Active Ingredient: Gibberellic Acid*... 3.91% W/W
 Equivalent to approximately 1.0 gram* of Gibberellic Acid per fluid ounce of product.
 EPA Reg. No.: 275-15

CONVERSION TABLE TO

Pro-Gibb Plus 20% Soluble Powder Contains 2.0 Grams*/10 grams Formulated Product)

GRAMS OF ACTUAL GIBBERELIC ACID PER ACRE

Desired Actual Gibberellic Acid Concentration (Grams*) in Finished Spray (Per Acre)	PRO-GIBB Plus 10% Soluble Powder Contains (10 Gram*/10 Grams Formulated Product)
05	5 grams
10	10 grams
20	20 grams
40	40 grams (1/2 bottle)
50	50 grams
80	80 grams (2/3 bottle)
100	100 grams
120	120 grams
160	160 grams (1 bottle)
200	200 grams
250	250 grams
320	320 grams (2 bottles)
400	400 grams
480	480 grams (3 bottles)

AMOUNT OF PRO-GIBB* FORMULATION PER ACRE

PRO-GIBB 1% Liquid Contains (10 Gram*/100 Gram*/100 Grams of Formulated Product)	PRO-GIBB 3.91% Liquid Contains (10 Gram*/100 Gram*/100 Grams of Formulated Product)
1 oz	05 oz
2 oz	1 oz
4 oz	2 oz
8 oz	4 oz
10 oz	5 oz
15 oz	8 oz
20 oz	10 oz
24 oz	12 oz
32 oz	16 oz
40 oz	20 oz
50 oz	25 oz
64 oz	32 oz
80 oz	40 oz
96 oz	48 oz

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