



ProGibb[®]T&O

PLANT GROWTH REGULATOR (PGR) SOLUTION



FOR ORGANIC PRODUCTION

For use on turf and ornamental crops.

ACTIVE INGREDIENT:

Gibberellic Acid 4.0% w/w

OTHER INGREDIENTS 96.0% w/w

TOTAL 100.0% w/w

ProGibb T&O liquid contains approximately 1.0 gram active ingredient per fluid ounce of formulated product.

EPA Reg. No. 73049-15

EPA Est. No. 33762-IA-001

List No. 22055

INDEX:

- 1.0 First Aid
- 2.0 Precautionary Statements
 - 2.1 Hazards to Humans and Domestic Animals
 - 2.2 Personal Protective Equipment (PPE)
 - 2.3 User Safety Recommendations
 - 2.4 Environmental Hazards
 - 2.5 Physical or Chemical Hazards
- 3.0 Directions for Use
- 4.0 Agricultural Use Requirements
- 5.0 Non-Agricultural Use Requirements
- 6.0 Storage and Disposal
- 7.0 Product Information
- 8.0 General Instructions
- 9.0 Determining Optimal Application Rates
 - 9.1 Limitations
- 10.0 Mixing Instructions and Rate Conversion Table
 - 10.1 Rate Conversion Table
- 11.0 Ornamental Crops, Cut Flowers and Turfgrass
 - 11.1 Spray Guidelines for Ornamentals
 - 11.2 Applications to Cut Flowers
 - 11.3 Bedding Plants, Annual and Perennial Potted Crops, Field-Grown Ornamentals and Bulb Crops
 - 11.4 Applications to Turfgrass
- 12.0 Notice to User

KEEP OUT OF REACH OF CHILDREN

WARNING – AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

For **MEDICAL** and **TRANSPORT** Emergencies **ONLY**
Call 24 Hours A Day 1-800-892-0099. For All Other Information Call 1-800-89-VALENT (898-2536).

| 1.0 FIRST AID | |
|---|--|
| If in eyes | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. |
| If swallowed | <ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person. |
| If inhaled | <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice. |
| If on skin or clothing | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. |
| HOT LINE NUMBER | |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, you may also call toll-free 1-800-892-0099 for treatment information. | |

2.0 PRECAUTIONARY STATEMENTS

2.1 HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes substantial but temporary eye injury. Harmful if inhaled or absorbed through skin. Do not get in eyes or on clothing. Avoid breathing vapor or spray mist, and avoid contact with skin. Wash thoroughly with water and soap after handling. Remove and wash contaminated clothing before reuse.

2.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long sleeved shirt
- Long pants
- Chemical resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, and viton
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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

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2.3 USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

2.4 ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

2.5 PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE! Keep away from heat and open flame.

3.0 DIRECTIONS FOR USE

It is a violation of Federal law 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.

4.0 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) 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 during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to 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:

- Coveralls
- Chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, and viton
- Shoes plus socks
- Protective eyewear

5.0 NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter without appropriate protective clothing until sprays have dried.

6.0 STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

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: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

DIRECTIONS FOR USE ON ORNAMENTAL CROPS, CUT FLOWERS AND TURFGRASS

7.0 PRODUCT INFORMATION

ProGibb® T&O is an extremely active plant growth regulator. Care must be used in measuring, diluting, and applying *ProGibb* T&O.

A foliar application of *ProGibb* T&O supplies plants with an additional source of the naturally occurring plant growth regulator gibberellin. Gibberellins are involved in numerous plant development processes. Adding gibberellic acid (GA3) promotes a number of desirable effects in floriculture crops including increased flower size, increased flower number, uniform flowering, increased stem elongation, and a decrease in time to flower. Additionally, gibberellin applications have been shown to reduce the minimum temperature required to initiate plant growth and will overcome bud and seed dormancy. In Bermudagrass turf, adding *ProGibb* T&O will initiate and/or maintain growth and prevent color change during periods of cold stress and will maintain and/or enhance regrowth during summer months.

8.0 GENERAL INSTRUCTIONS

When applying plant growth regulators, deviations in rates, timings, or water volumes from the label directions has been known to result in undesirable effects.

For optimum effectiveness, thorough spray coverage must be achieved; only plant parts covered with spray solution will be affected. Plant parts not directly covered with *ProGibb* T&O will not respond to the application.

An effective dose of *ProGibb* T&O is strongly dependent on application volume. Variation in plant response is possible if a given rate is applied at different spray volumes. Uniformity of spray solution is equally important.

When applying foliar applications of *ProGibb* T&O spray plants to run-off. The actual spray application rate will vary depending on plant size and spacing density. A spray application rate which is effective for 6-inch potted

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plants spaced at a density of 1 pot per square foot is 2 quarts of finished spray solution per 100 square feet of bench area.

Differences in plant response to *ProGibb* T&O due to differences in plant surfaces, leaf orientation, and plant structure are possible.

ProGibb T&O is most efficacious when applied during morning or late afternoon hours or when plants are not under environmental stress as extreme temperatures can influence plant response to *ProGibb* T&O.

9.0 DETERMINING OPTIMAL APPLICATION RATES

The rates on this label are ranges and an optimum *ProGibb* T&O rate will depend on desired expectations as well as physical and environmental factors. Specific growing practices such as watering, potting media, fertilization, temperature, and light conditions will affect plant responses to a given *ProGibb* T&O rate.

Results from *ProGibb* T&O applications are dependent upon timing, rate, frequency of application, and plant vigor at application. *ProGibb* T&O applications made under slow drying conditions (cool temperatures, low air movement and medium to high relative humidity) will increase absorption by the plant, thus optimizing effectiveness.

To determine optimum use rates, conduct trials on a small number of plants under actual use conditions using the lowest recommended rate. When a range of rates is indicated, use the lowest concentration recommended until familiarity is gained.

9.1 LIMITATIONS

- For optimum effectiveness, thorough spray coverage must be achieved; all parts of the plant or crop must receive the spray or desired results will not occur.
- Do not apply to plants under pest, nutritional, or water stress. *ProGibb* T&O will not correct or substitute for treatment of pest, nutrient, or water stresses.
- Do not apply after flower buds show color.
- Do not apply through any type of irrigation system.
- Avoid drift onto non-target species.
- Do not mix *ProGibb* T&O with pesticides, fertilizers, wetting agents, spreader stickers or other adjuvants.
- Over-application has the potential to result in accelerated plant growth/development.
- Do not apply *ProGibb* T&O to any food crop.
- Do not reuse soil from plants treated with *ProGibb* T&O.

10.0 MIXING INSTRUCTIONS AND RATE CONVERSION TABLE

Apply with standard spray equipment set according to manufacturer's indications.

ProGibb T&O mixes readily with water. For best results, have the water pH at 7.0 and always below 8.5.

Foliar Applications: Always make sure application equipment is thoroughly clean before mixing. When preparing *ProGibb* T&O for use as a foliar spray, fill tank to one half full. Add the amount of *ProGibb* T&O according to the rate conversion table below. Complete filling the tank. Dispose of any unused spray material at the end of each application following local, state or Federal law.

10.1 Rate Conversion Table*

| ppm (parts per million) (GA ₃) | Milliliters (ml) of <i>ProGibb</i> T&O per liter of spray solution | Milliliters (ml) of <i>ProGibb</i> T&O per gallon of spray solution | Fl. oz. of <i>ProGibb</i> T&O per gallon of spray solution |
|--|--|---|--|
| 1 | 0.03 | 0.1 | 0.003 |
| 5 | 0.15 | 0.6 | 0.02 |
| 10 | 0.3 | 1.1 | 0.04 |
| 25 | 0.74 | 2.8 | 0.09 |
| 50 | 1.5 | 5.6 | 0.19 |
| 100 | 3.0 | 11.2 | 0.4 |
| 250 | 7.4 | 28.0 | 0.95 |
| 500 | 14.8 | 56.0 | 1.9 |
| 750 | 22.2 | 84.0 | 2.8 |
| 1,000 | 29.6 | 112.0 | 3.8 |

**ProGibb* T&O is a liquid. Each fluid ounce contains approximately 1.0 gram of active ingredient.

11.0 ORNAMENTAL CROPS, CUT FLOWERS AND TURFGRASS

- **The following use rates are based on results with common cultivars. Differences in responsiveness vary between cultivars, growing conditions, and cultural management systems. Therefore, prior to widespread usage, test a small number of plants from each cultivar under a specific set of growing and cultural management conditions to verify desired efficacy.**
- ***ProGibb* T&O is an extremely potent plant growth regulator. The general effects on floriculture crops are to increase plant size through increased stem elongation and leaf and petal expansion. If applied at an improper time, at excessive rates, or too frequently, plants have the potential to become long and spindly with weak stems.**

11.1 SPRAY GUIDELINES FOR ORNAMENTALS

| AZALEA | | | |
|---|---|-----------------|---|
| CROP/VARIETY | OBJECTIVE/BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Azalea | As a partial replacement of cold treatment to break flower dormancy. Applications of <i>ProGibb</i> T&O have been shown to partially replace a cold treatment needed to break flower dormancy of Azalea. | 250-500 | For three consecutive weeks apply a single foliar application. Begin applications only after plants have received 3 to 4 weeks of chilling. Have plants at Stage 5 of floral development (i.e., style elongated and open) when treatment is initiated. A representative spray schedule consists of applications made at 3, 10, and 17 days after four weeks of chilling. Flowers will not develop properly if applied prior to Stage 5. |
| Note: <ul style="list-style-type: none"> • Thorough spray coverage is essential for uniform flowering. • Do not apply after flower buds show color. • Cultivars such as 'Gloria', 'Prize', and 'Redwing', a single spray of 1,000 ppm after 4 weeks of chilling has proven effective in breaking dormancy. | | | |

ORNAMENTALS (cont'd)

| AZALEA (cont'd) | | | |
|---|--|--------------------|--|
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Azalea | To inhibit flower bud initiation during vegetative growth. Applications of <i>ProGibb</i> T&O have been shown to inhibit flower bud initiation during vegetative growth of Azalea. | 100-750 | Apply a single foliar application of <i>ProGibb</i> T&O at 100 to 750 ppm beginning 2 to 3 weeks after each pinch. Continue applications on a weekly basis for 1 to 2 weeks after the first application. |
| Note: <ul style="list-style-type: none"> Apply a maximum of three applications. | | | |

| CALLA LILY | | | |
|--|---|--------------------|--|
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Calla Lily | For increased flowering. Applications of <i>ProGibb</i> T&O have been shown to increase the number of flowers per rhizome or tuber in Calla Lilies. | 500 | Soak rhizome or tuber in <i>ProGibb</i> T&O at 500 ppm for 10 minutes prior to planting. |
| Note: <ul style="list-style-type: none"> Some flower leaf or flower stretching has occasionally been seen on some cultivars. Reduce rates when this is noted. Changing soak time or concentration varies the response to <i>ProGibb</i> T&O. | | | |

| CAMELLIA | | | |
|---|---|--------------------|---|
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Camellia | For substitution of chilling requirements and to increase bloom size. Applications of <i>ProGibb</i> T&O have been shown to substitute for the chilling requirements and increase bloom size of Camellia. | 2.0% solution | Dilute <i>ProGibb</i> T&O in half by mixing equal volumes of product and water. Remove the vegetative bud immediately adjacent to or below the floral bud. Place a single drop of the prepared solution to the vegetative bud scar. |
| Note: <ul style="list-style-type: none"> The addition of a deposition aid (such as carboxymethylcellulose) to thicken the solution will decrease run-off. | | | |

| GERANIUM | | | |
|---|---|--------------------|--|
| CUTTINGS | | | |
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Geranium | For increase in flower number and flower size. Applications of <i>ProGibb</i> T&O have been shown to increase flower number and flower size of Geranium cuttings. | 1-5 | Apply a single foliar application of 1 to 5 ppm when inflorescence first begins to show color. Direct spray at the developing inflorescence. |
| Note: <ul style="list-style-type: none"> Treatments prior to inflorescence showing color or concentrations higher than 5 ppm occasionally caused peduncle stretching. | | | |

| GERANIUM (cont'd) | | | |
|--|--|--------------------|--|
| SEEDLINGS | | | |
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Geranium | For flowering advancement. Applications of <i>ProGibb</i> T&O have been shown to advance flowering 10 to 21 days depending upon variety of Geranium. | 5-15 | Apply a single foliar application of 5 to 15 ppm when first flower bud set is noted. Spray the entire plant to the point of run-off. |
| Note: <ul style="list-style-type: none"> Incorrect timing or concentrations above 15 ppm have caused plant stretching. | | | |

| POMPOM CHRYSANTHEMUM | | | |
|---|--|--------------------|--|
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Pompom Chrysanthemum | For elongated peduncles. Applications of <i>ProGibb</i> T&O have been shown to elongate peduncles of Pompom Chrysanthemum. | 25-60 | Apply a single foliar application of 25 to 60 ppm 4 to 5 weeks after initiation of short days. Apply directing the spray solution towards the flower buds. |
| Note: <ul style="list-style-type: none"> Over-application or incorrect timing have caused stretched, spindly, and weakened stems. | | | |

| SPATHIPHYLLUM AND OTHER ARACEAE | | | |
|--|--|--------------------|--|
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Spathiphyllum | To accelerate bloom and increase the number of flowers per plant. Applications of <i>ProGibb</i> T&O have been shown to increase flowering of Spathiphyllum. | 150-250 | Apply a single foliar application of 150 to 250 ppm approximately 9 to 12 weeks prior to expected date of sale. Spray to the point of run-off and thoroughly wet all growing points. |
| Note: <ul style="list-style-type: none"> Some flower distortion or leaf stretching has been observed on cultivars such as 'Petite', 'Starlight', 'Tasson', and 'Mauna Loa'. Reduce rates when this is noted. On other cultivars, first evaluate <i>ProGibb</i> T&O on a small number of plants prior to application of the product on a commercial basis. | | | |

11.2 APPLICATIONS TO CUT FLOWERS

Apply *ProGibb* T&O to ornamental plants grown for cut flowers to promote stem elongation and flowering. Applying *ProGibb* T&O has the potential to dramatically promote flowering in many dicot and some monocot plants.

NOTE: *ProGibb* T&O is very active and application at an excessive rate results in undesirable effects. First evaluate *ProGibb* T&O on a small number of plants **prior to** application of the product on a widespread basis.

CUT FLOWERS

| ASTER | | | |
|--|--|--------------------|--|
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Aster: <i>Callistephus chinensis</i> Monte Carlo-type Novi-type Belgi-type | To promote stem elongation, and break dormancy. Applications of <i>ProGibb</i> T&O have been shown to increase stem elongation and reduce time to flowering. | 50-100 | Make 1 to 3 applications of 50 to 100 ppm during the early vegetative period. Apply when plants are 2" - 6" in height. Keep applications 2 to 3 weeks apart. |

| BABY'S BREATH (<i>Gypsophila</i>) | | | |
|-------------------------------------|--|--------------------|---|
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| <i>Gypsophila</i> | To accelerate plant growth, increase number of flowering stems, increase flower number and increase uniformity. Applications of <i>ProGibb</i> T&O have been shown to promote uniform and increased flowering of <i>Gypsophila</i> . | 150-500 | Apply 3 to 4 applications of 150 to 500 ppm at 4 weeks of growth (after pinching). Keep applications 2 weeks apart. |

| COLUMN STOCK (<i>Matthiola</i>) | | | |
|-----------------------------------|--|--------------------|--|
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Stock | To promote plant growth and stem elongation. Applications of <i>ProGibb</i> T&O have been shown to promote plant growth and stem elongation of <i>Matthiola incana</i> . | 50-100 | Apply as a foliar spray when plants are 4" - 8" in height. Keep applications 2 to 3 weeks apart. |

| DELPHINIUM | | | |
|---|--|--------------------|--|
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Delphinium species: including <i>D. elatum</i> , <i>D. grandiflorum</i> , <i>D. belladonna</i> , <i>D. bellamosum</i> , <i>D. cardinale</i> , <i>D. nudicale</i> , and Delphinium hybrids | To promote plant growth and stem elongation. Applications of <i>ProGibb</i> T&O have been shown to promote plant growth and stem elongation of Delphinium. | 50-100 | Apply as a foliar spray when plants are 4" - 8" in height. Keep applications 2 to 3 weeks apart. |

| LARKSPUR | | | |
|---|--|--------------------|--|
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Larkspur: <i>Consolida ambigua</i> , <i>C. orientalis</i> , <i>Delphinium ajacis</i> | To promote plant growth and stem elongation. Applications of <i>ProGibb</i> T&O have been shown to promote plant growth and stem elongation of Larkspur. | 50-100 | Apply as a foliar spray when plants are 4" - 8" in height. Keep applications 2 to 3 weeks apart. |

| QUEEN ANNE'S LACE (<i>Ammi</i>) | | | |
|-----------------------------------|---|--------------------|--|
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Queen Anne's Lace | To promote plant growth and stem elongation. Applications of <i>ProGibb</i> T&O have been shown to promote plant growth and stem elongation of Queen Anne's Lace. | 50-100 | Apply as a foliar spray when plants are 4" - 8" in height. Keep applications 2 to 3 weeks apart. |

| STATICE (<i>Limonium</i>) | | | |
|---|--|--------------------|--|
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Statice | For earlier flowering and increased flower yield. Applications of <i>ProGibb</i> T&O have been shown to decrease the time to flower, increase stem elongation, and increase flower yield of Statice. | 400-500 | Apply as a foliar spray 10 ml (0.33 fl. oz.) of a 400 to 500 ppm solution to each plant when plants are 10 inches or more in diameter (approximately 90 to 110 days after sowing). |
| Note: <ul style="list-style-type: none"> Do not exceed specified rates. Do not make more than one application. Accelerated flowering is also influenced by photoperiod, nutrition, and temperature. | | | |
| Statice | To promote plant growth and stem elongation. Applications of <i>ProGibb</i> T&O have been shown to promote plant growth and stem elongation of Statice. | 50-100 | Apply as a foliar spray when plants are 4" - 8" in height. Keep applications 2 to 3 weeks apart. |

| SWEET WILLIAM (<i>Dianthus</i>) | | | |
|-----------------------------------|---|--------------------|--|
| CROP/ VARIETY | OBJECTIVE/ BENEFIT | RATE (ppm a.i.) | APPLICATION TIMING |
| Sweet William | To promote plant growth and stem elongation. Applications of <i>ProGibb</i> T&O have been shown to promote plant growth and stem elongation of Sweet William. | 50-100 | Apply as a foliar spray when plants are 4" - 8" in height. Keep applications 2 to 3 weeks apart. |

11.3 BEDDING PLANTS, ANNUAL AND PERENNIAL POTTED CROPS (for example: Tree Form Azalea, Flowering Chrysanthemum, Poinsettia) FIELD-GROWN ORNAMENTALS AND BULB CROPS

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Application Instructions for Promotion of Plant Growth

Apply *ProGibb* T&O to bedding plants, annual and perennial potted crops, and bulb crops to promote plant growth. Applying *ProGibb* T&O has the potential to dramatically promote plant growth of most dicot and some monocot plants. Additionally, utilize a foliar *ProGibb* T&O application to overcome over-applications of a gibberellin-inhibiting plant growth regulator.

- When applying *ProGibb* T&O to promote plant growth, start with 1 ppm unless previous experience warrants higher use rates.
- If desired results are not achieved, a reapplication or an increase in rate is often warranted.

NOTE: *ProGibb* T&O is very active and application at an excessive rate results in undesirable stem elongation. First evaluate *ProGibb* T&O on a small number of plants **before** application of the product on a widespread basis.

| RATE (ppm) (parts per million) | TIMING | METHOD |
|-----------------------------------|--|--------------------|
| 1 to 25 | Apply a single application directly to plant foliage | Foliar application |

11.4 APPLICATIONS TO TURFGRASS

Foliar applications of *ProGibb* T&O have been shown to initiate or maintain growth and/or prevent color change during periods of cold stress on Bermudagrass grown in golf courses, parks and turf farms.

| TURF (GOLF COURSES, PARKS AND TURF FARMS) | | | |
|---|---|------------------------------|--|
| Cool Weather Application | | | |
| CROP/VARIETY | OBJECTIVE/BENEFIT | RATE (grams of a.i./acre) | APPLICATION TIMING |
| Bermudagrass (Tifdwarf, Tifgreen, and other cultivars) | To initiate or maintain growth and prevent color change during periods of cold stress and light frosts. | 10-25 | Apply 10 grams a.i./acre weekly or 25 grams a.i./acre biweekly in 25 to 100 gallons of water/acre. |
| Note: <ul style="list-style-type: none"> • Maintain adequate moisture and proper fertilization programs as required for the local area. • Keep applications of the high rate at least two weeks apart. • Do not use on dormant turf. • Discontinue treatments if thinning is observed. More frequent mowing is occasionally necessary. | | | |
| Warm Weather Application | | | |
| Bermudagrass (Tifdwarf, Tifgreen) | To maintain or enhance regrowth of golf course bermudagrass during summer months. | 1-3 | Apply 1 to 3 grams a.i./acre weekly in 25 to 100 gallons of water/acre. |
| Note: <ul style="list-style-type: none"> • Maintain adequate moisture and proper fertilization programs as instructed for your local area. • Keep applications of the high rate at least two weeks apart. • Do not use on dormant turf. • Discontinue treatments if thinning is observed. More frequent mowing is occasionally necessary. | | | |

12.0 NOTICE TO USER

To the extent permitted by applicable law, 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.

Registered and Manufactured by:
Valent BioSciences Corporation
870 Technology Way
Libertyville, IL 60048

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P.O. Box 8025
Walnut Creek, CA 9456-8025



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