

ProGibb® LV PLUS T&O

PLANT GROWTH REGULATOR

SOLUTION

FOR USE ON TURF AND ORNAMENTAL CROPS

Active Ingredient:	% Content
Gibberellic Acid	5.7% w/w
Other Ingredients:	94.3% w/w
Total	100.0% w/w

PROGIBB LV PLUS T&O liquid contains approximately 2.0 grams active ingredient per fluid ounce of formulated product.

KEEP OUT OF REACH OF CHILDREN

CAUTION – PRECAUCIÓN

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 1-800-6-VALENT.

See succeeding panel for First Aid, additional Precautionary Statements, Directions for Use and Storage/Disposal Statements.

VALENT BIOSCIENCES.
Valent BioSciences LLC
1910 Innovation Way, Suite 100
Libertyville, IL 60048 U.S.A.
1-800-323-9597

EPA Reg. No. 73049-498

EPA Est. No. 33762-IA-001

List No. A560216-04-02

Net Contents: 1 Quart (946 ml)

This container will treat 2.56 acres at the maximum use rate, as indicated for use on Bermudagrass turf.

A50410616/R1

ProGibb® LV PLUS T&O

PLANT GROWTH REGULATOR

SOLUTION

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. You may also call toll-free 1-800-892-0099 (24 hours) for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-6-Valent.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION

Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

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.

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.

ENVIRONMENTAL HAZARDS

For terrestrial uses: 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.

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 State or Tribal agency responsible for pesticide regulation.

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 4 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

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.

DIRECTIONS FOR USE ON ORNAMENTAL CROPS, CUT FLOWERS AND TURFGRASS

PRODUCT INFORMATION

PROGIBB LV PLUS T&O Plant Growth Regulator Solution (hereafter referred to as PROGIBB LV PLUS T&O) is an extremely active plant growth regulator. Care must be used in measuring, diluting, and applying PROGIBB LV PLUS T&O.

A foliar application of PROGIBB LV PLUS 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 (GA_3) 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 LV PLUS 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.

GENERAL INSTRUCTIONS

When applying plant growth regulators, deviations from the label directions, in rates, timings, or water volumes have 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 LV PLUS T&O will not respond to the application.

An effective dose of PROGIBB LV PLUS 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 LV PLUS T&O spray plants to runoff. 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 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 LV PLUS T&O due to differences in plant surfaces, leaf orientation, and plant structure are possible. PROGIBB LV PLUS 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 LV PLUS T&O.

DETERMINING OPTIMAL APPLICATION RATES

The rates on this label are ranges and an optimum PROGIBB LV PLUS 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 LV PLUS T&O rate.

Results from PROGIBB LV PLUS T&O applications are dependent upon timing, rate, frequency of application, and plant vigor at application. PROGIBB LV PLUS 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 indicated rate. When a range of rates is indicated, use the lowest concentration directed until familiarity is gained.

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 LV PLUS 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 LV PLUS 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 LV PLUS T&O to any food crop.
- Do not reuse soil from plants treated with PROGIBB LV PLUS T&O.

MIXING INSTRUCTIONS AND RATE CONVERSION TABLE

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

PROGIBB LV PLUS 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 LV PLUS T&O for use as a foliar spray, fill tank to 1/2 full. Add the amount of PROGIBB LV PLUS 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.

Rate Conversion Table*

ppm (parts per million) (GA ₃)	Milliliters (ml) of PROGIBB LV PLUS T&O per liter of spray solution	Milliliters (ml) of PROGIBB LV PLUS T&O per gallon of spray solution	Fl. oz. of PROGIBB LV PLUS T&O per gallon of spray solution
1	0.016	0.06	0.002
5	0.08	0.30	0.01
10	0.16	0.59	0.02
25	0.39	1.48	0.05
50	0.78	2.96	0.10
100	1.56	5.91	0.20
250	3.91	14.79	0.50
500	7.81	29.57	1.00
750	11.72	44.36	1.50
1,000	15.63	59.15	2.00

*PROGIBB LV PLUS T&O is a liquid. Each fluid ounce contains approximately 2.0 grams of active ingredient.

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 LV PLUS 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.

SPRAY INSTRUCTIONS FOR ORNAMENTALS

CROP/ VARIETY	OBJECTIVE/ BENEFIT	RATE (ppm a.i.)	APPLICATION TIMING
Azalea	As a partial replacement of cold treatment to break flower dormancy. Applications of PROGIBB LV PLUS T&O have been shown to partially replace a cold treatment needed to break flower dormancy of Azalea.	250 - 500	For 3 consecutive weeks apply a single foliar application. Begin applications only after plants have received 3 - 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 4 weeks of chilling. Flowers will not develop properly if applied prior to Stage 5.

Note:

- 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.

SPRAY INSTRUCTIONS FOR ORNAMENTALS (continued)

CROP/ VARIETY	OBJECTIVE/ BENEFIT	RATE (ppm a.i.)	APPLICATION TIMING
Azalea	As a complete substitution of cold treatment to break flower dormancy. Applications of PROGIBB LV PLUS T&O have been shown to completely substitute for a cold treatment that is needed to break flower dormancy of Azalea.	1,000	For 4 - 6 consecutive weeks apply a single foliar application of 1,000 ppm. Plants must be at Stage 5 of floral development (i.e., style elongated and open) before first spray is applied. Flowers will not develop properly if applied prior to Stage 5 of floral development.

Note:

- Thorough spray coverage is essential for uniform flowering.
- Do not apply after flower buds show color.

Azalea	To inhibit flower bud initiation during vegetative growth. Applications of PROGIBB LV PLUS T&O have been shown to inhibit flower bud initiation during vegetative growth of Azalea.	100 - 750	Apply a single foliar application of PROGIBB LV PLUS T&O at 100 - 750 ppm beginning 2 - 3 weeks after each pinch. Continue applications on a weekly basis for 1 - 2 weeks after the first application.
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Note:

Apply a maximum of 3 applications.

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SPRAY INSTRUCTIONS FOR ORNAMENTALS (continued)

CROP/ VARIETY	OBJECTIVE/ BENEFIT	RATE (ppm a.i.)	APPLICATION TIMING
Calla Lily	For increased flowering. Applications of PROGIBB LV PLUS T&O have been shown to increase the number of flowers per rhizome or tuber in Calla Lilies.	500	Soak rhizome or tuber in PROGIBB LV PLUS T&O at 500 ppm for 10 minutes prior to planting.

Note:

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 PROGIBB LV PLUS T&O.

Camellia	For substitution of chilling requirements and to increase bloom size. Applications of PROGIBB LV PLUS T&O have been shown to substitute for the chilling requirements and increase bloom size of Camellia.	2.0% solution	Dilute PROGIBB LV PLUS T&O by mixing 1 part product and 3 parts 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.
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Note:

The addition of a deposition aid (such as carboxymethylcellulose) to thicken the solution will decrease runoff.

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SPRAY INSTRUCTIONS FOR ORNAMENTALS (continued)

CROP/ VARIETY	OBJECTIVE/ BENEFIT	RATE (ppm a.i.)	APPLICATION TIMING
Cyclamen	For uniform flowering. Both bud and foliar applications of PROGIBB LV PLUS T&O have been shown to promote uniform flowering of Cyclamen.	10 - 15 25	Bud Application: With a dropper apply 8 ml (0.25 fl. oz.) of a 10 - 15 ppm solution directly to the crown when buds are pinhead size in the leaf axils (generally when there are 10 - 12 unfolded leaves). Earlier applications are sometimes ineffective in promoting uniform flowering. Foliar Application: Apply a single foliar application of 25 ppm directly toward the crown and adjacent leaves when buds are pinhead size in the leaf axils (generally when there are 10 - 12 unfolded leaves). Thoroughly wet the crown.

Note:

Applications applied too late or at excessive rates sometimes result in weakened floral stems or poorly formed flowers.

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SPRAY INSTRUCTIONS FOR ORNAMENTALS (continued)

CROP/ VARIETY	OBJECTIVE/ BENEFIT	RATE (ppm a.i.)	APPLICATION TIMING
Fuchsia	For Tree Forms: The following directions are for the production of the tree forms of common Fuchsia cultivars by stem elongation.	250	For 4 consecutive weeks apply a single foliar application of 250 ppm. Begin applications after the plant has reached desired size. Spray the entire plant to the point of runoff.

Note:

- If treated plants become too leggy, stake after application.
- Concentrations higher than 250 ppm have been observed to cause plants to become stretched and spindly, with weakened stems.

CUTTINGS

Geranium	For increase in flower number and flower size. Applications of PROGIBB LV PLUS T&O have been shown to increase flower number and flower size of Geranium cuttings.	1 - 5	Apply a single foliar application of 1 - 5 ppm when inflorescence first begins to show color. Direct spray at the developing inflorescence.
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Note:

Treatments prior to inflorescence showing color or concentrations higher than 5 ppm have occasionally caused peduncle stretching.

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SPRAY INSTRUCTIONS FOR ORNAMENTALS (continued)

CROP/ VARIETY	OBJECTIVE/ BENEFIT	RATE (ppm a.i.)	APPLICATION TIMING
SEEDLINGS			
Geranium	For flowering advancement. Applications of PROGIBB LV PLUS T&O have been shown to advance flowering 10 - 21 days depending upon variety of Geranium.	5 - 15	Apply a single foliar application of 5 - 15 ppm when first flower bud set is noted. Spray the entire plant to the point of runoff.
Note: Incorrect timing or concentrations above 15 ppm have caused plant stretching.			
TREE FORMS			
Geranium	For Tree Forms: The following directions are for the production of the tree forms of common Geranium cultivars by stem elongation.	250	For 4 consecutive weeks apply a single foliar application of 250 ppm. Spray the entire plant to the point of runoff.
Note: Treated plants occasionally require staking after application.			

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SPRAY INSTRUCTIONS FOR ORNAMENTALS (continued)

CROP/ VARIETY	OBJECTIVE/ BENEFIT	RATE (ppm a.i.)	APPLICATION TIMING
Hydrangea	For chilling substitution to break flower bud dormancy. Applications of PROGIBB LV PLUS T&O have been shown to substitute for chilling requirements to break flower bud dormancy of Hydrangea.	2 - 5	For 1 - 4 consecutive weeks apply a single foliar application of 2 - 5 ppm. Begin applications at the start of forcing. For best results, thoroughly cover all growing points containing flower buds.
Note: Over-applications or concentrations higher than 5 ppm have resulted in stretched, spindly, and weakened stems.			
Pompom Chrysanthemum	For elongated peduncles. Applications of PROGIBB LV PLUS T&O have been shown to elongate peduncles of Pompom Chrysanthemum.	25 - 60	Apply a single foliar application of 25 - 60 ppm 4 - 5 weeks after initiation of short days. Apply directing the spray solution towards the flower buds.
Note: Over-application or incorrect timing have caused stretched, spindly, and weakened stems.			
Chrysanthemum Stock Plants	To elongate the cuttings prior to harvest.	1 - 150	Use 125 - 150 gallons of water per acre. Repeat at 3- to 7-day intervals as needed.

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SPRAY INSTRUCTIONS FOR ORNAMENTALS (continued)

CROP/ VARIETY	OBJECTIVE/ BENEFIT	RATE (ppm a.i.)	APPLICATION TIMING
SPATHIPHYLLUM AND OTHER ARACEAE			
<i>Spathiphyllum</i>	To accelerate bloom and increase the number of flowers per plant. Applications of PROGIBB LV PLUS T&O have been shown to increase flowering of <i>Spathiphyllum</i> .	150 - 250	Apply a single foliar application of 150 - 250 ppm approximately 9 - 12 weeks prior to expected date of sale. Spray to the point of runoff and thoroughly wet all growing points.
Note: 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 PROGIBB LV PLUS T&O on a small number of plants prior to application of the product on a commercial basis.			
<i>Aglaonema</i>	To accelerate bloom and increase the number of flowers per plant. Applications of PROGIBB LV PLUS T&O have been shown to increase flowering of Araceae.	250 - 500	For 1 - 4 consecutive weeks apply a single foliar application of 250 - 500 ppm. Begin applications at the start of forcing. For best results, thoroughly cover all growing points containing flower buds.
<i>Anthurium</i>		250 - 500	
<i>Diffenbachia</i> (Dumb Cane)		250 - 500	

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SPRAY INSTRUCTIONS FOR ORNAMENTALS (continued)

CROP/ VARIETY	OBJECTIVE/ BENEFIT	RATE (ppm a.i.)	APPLICATION TIMING
SPATHIPHYLLUM AND OTHER ARACEAE (continued)			
Syngonium	To accelerate bloom and increase the number of flowers per plant. Applications of PROGIBB LV PLUS T&O have been shown to increase flowering of Araceae.	500 - 2,000	For 1 - 4 consecutive weeks apply a single foliar application of 500 - 2,000 ppm. Begin applications at the start of forcing. For best results, thoroughly cover all growing points containing flower buds.
Note: Application of PROGIBB LV PLUS T&O has been shown to reduce the days to flowering and increase the number of flowers per plant. Apply 1 or 2 applications during the vegetative phase of plant development to induce bloom. On other cultivars, first evaluate PROGIBB LV PLUS T&O on a small number of plants prior to application of the product on a commercial basis.			

APPLICATIONS TO CUT FLOWERS

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

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

CUT FLOWERS

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 PROGIBB LV PLUS T&O have been shown to increase stem elongation and reduce time to flowering.	50 - 100	Make 1 - 3 applications of 50 - 100 ppm during the early vegetative period. Apply when plants are 2" - 6" in height. Keep applications 2 - 3 weeks apart.
Baby's Breath <i>Gypsophila</i>	To accelerate plant growth, increase number of flowering stems, increase flower number and increase uniformity. Applications of PROGIBB LV PLUS T&O have been shown to promote uniform and increased flowering of <i>Gypsophila</i> .	150 - 500	Apply 3 - 4 applications of 150 - 500 ppm at 4 weeks of growth (after pinching). Keep applications 2 weeks apart.
Bells of Ireland <i>Moluccella</i>	To accelerate plant growth and stem elongation. Applications of PROGIBB LV PLUS T&O have been shown to promote plant growth and stem elongation of Bells of Ireland.	50 - 100	Apply when plants are 4" - 8" in height. Keep applications 2 - 3 weeks apart.

(continued)

CUT FLOWERS (continued)

CROP/ VARIETY	OBJECTIVE/ BENEFIT	RATE (ppm a.i.)	APPLICATION TIMING
<i>Bupleurum</i>	To promote plant growth and stem elongation. Applications of PROGIBB LV PLUS T&O have been shown to promote plant growth and stem elongation of <i>Bupleurum</i> sp.	50 - 100	Apply as a foliar spray when plants are 4" - 8" in height. Keep applications 2 - 3 weeks apart.
<i>Campanula</i> <i>Campanula medium</i>	To promote plant growth and stem elongation. Applications of PROGIBB LV PLUS T&O have been shown to promote plant growth and stem elongation of <i>Campanula</i> .	50 - 100	Apply as a foliar spray when plants are 4" - 8" in height. Keep applications 2 - 3 weeks apart.
<i>Candy Tuft</i> <i>Iberis oderata</i>	To promote plant growth and stem elongation. Applications of PROGIBB LV PLUS T&O have been shown to promote plant growth and stem elongation of <i>Candy Tuft</i> .	50 - 100	Apply as a foliar spray when plants are 4" - 8" in height. Keep applications 2 - 3 weeks apart.

(continued)

CUT FLOWERS (continued)

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

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CUT FLOWERS (continued)

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

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CUT FLOWERS (continued)

CROP/ VARIETY	OBJECTIVE/ BENEFIT	RATE (ppm a.i.)	APPLICATION TIMING
Phlox <i>Phlox paniculata</i> and <i>Drummondii</i> <i>hybrida</i>	To promote plant growth and stem elongation. Applications of PROGIBB LV PLUS T&O have been shown to promote plant growth and stem elongation of Phlox.	50 - 100	Apply as a foliar spray when plants are 4" - 8" in height. Keep applications 2 - 3 weeks apart.
Queen Anne's Lace <i>Ammi</i>	To promote plant growth and stem elongation. Applications of PROGIBB LV PLUS 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 - 3 weeks apart.
Safflower <i>Carthamus</i>	To promote plant growth and stem elongation. Applications of PROGIBB LV PLUS T&O have been shown to promote plant growth and stem elongation of <i>Safflower</i> .	50 - 100	Apply as a foliar spray when plants are 4" - 8" in height. Keep applications 2 - 3 weeks apart.

(continued)

CUT FLOWERS (continued)

CROP/ VARIETY	OBJECTIVE/ BENEFIT	RATE (ppm a.i.)	APPLICATION TIMING
Solidaster <i>Solidago</i>	To promote plant growth and stem elongation. Applications of PROGIBB LV PLUS T&O have been shown to promote plant growth and stem elongation of <i>Solidago</i> .	50 - 100	Apply as a foliar spray when plants are 4" - 8" in height. Keep applications 2 - 3 weeks apart.
Statice <i>Limonium</i>	For earlier flowering and increased flower yield. Applications of PROGIBB LV PLUS 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 - 500 ppm solution to each plant when plants are 10" or more in diameter (approximately 90 - 110 days after sowing).

Note:

- Do not exceed specified rates.
- Do not make more than 1 application.
- Accelerated flowering is also influenced by photoperiod, nutrition, and temperature.

(continued)

CUT FLOWERS (continued)

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

APPLICATIONS TO TURFGRASS

Foliar applications of PROGIBB LV PLUS 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)

CROP/ VARIETY	OBJECTIVE/ BENEFIT	RATE (g a.i./acre)	APPLICATION TIMING
COOL WEATHER APPLICATION			
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 (5 - 12.5 oz.)	Apply 10 grams a.i./acre weekly or 25 grams a.i./acre biweekly in 25 - 100 gallons of water/acre.

Note:

- Maintain adequate moisture and proper fertilization programs as required for the local area.
- Keep applications of the high rate at least 2 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 (0.5 - 1.5 oz.)	Apply 1 - 3 grams a.i./acre weekly in 25 - 100 gallons of water/acre.
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Note:

- Maintain adequate moisture and proper fertilization programs as instructed for your local area.
- Keep applications of the high rate at least 2 weeks apart.
- Do not use on dormant turf.
- Discontinue treatments if thinning is observed. More frequent mowing is occasionally necessary.

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

Application Instructions for Promotion of Plant Growth

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

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

NOTE: PROGIBB LV PLUS T&O is very active and application at an excessive rate results in undesirable stem elongation. First evaluate PROGIBB LV PLUS 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 - 25	<i>Apply a single application directly to plant foliage.</i>	Foliar application

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place. Keep containers tightly closed when not in use. Keep away from heat and open flame.

Pesticide Disposal: To avoid wastes, use all material in this container by application according to label directions. If wastes can not be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by State or local governments or by industry).

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.

NOTICE TO USER

To the extent permitted by applicable law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the 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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ProGibb® LV PLUS T&O

PLANT GROWTH REGULATOR

SOLUTION

Barcode Area

FOR USE ON TURF AND ORNAMENTAL CROPS

Active Ingredient:	% Content
Gibberellic Acid	5.7% w/w
Other Ingredients:	94.3% w/w
Total	100.0% w/w

PROGIBB LV PLUS T&O liquid contains approximately 2.0 grams active ingredient per fluid ounce of formulated product.

KEEP OUT OF REACH OF CHILDREN

CAUTION – PRECAUCIÓN

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 1-800-6-VALENT.

See succeeding panel for First Aid, additional Precautionary Statements, Directions for Use and Storage/Disposal Statements.



VALENT BIOSCIENCES®

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1-800-323-9597

EPA Reg. No. 73049-498

EPA Est. No. 33762-IA-001

List No. A560216-04-02

Net Contents: 1 Quart (946 ml)

This container will treat 2.56 acres at the maximum use rate, as indicated for use on Bermudagrass turf.

A50410616/R1

Lot No.