

13-OCT-2009  
2007-4747

**PROGIBB<sup>®</sup> 40 SG**  
Water Soluble Granule  
**COMMERCIAL**  
Plant Growth Regulator

GUARANTEE: Gibberellin A<sub>3</sub>..... 40%

Warning, contains the allergen lactose (milk)

**READ THE LABEL AND ATTACHED LEAFLET BEFORE USING**  
**KEEP OUT OF REACH OF CHILDREN**

**REGISTRATION NO. 29359 PEST CONTROL PRODUCTS ACT**

Net Weight (Contents): 50g – 20 kg

Registrant  
Valent BioSciences Corporation  
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Libertyville, Illinois 60048  
USA

Canadian Agent  
Valent BioSciences Canada, Ltd.  
40 King Street West, Suite 2100  
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## **PRECAUTIONS:**

### **KEEP OUT OF REACH OF CHILDREN**

Avoid contact with skin, eyes, and clothing. Wear long pants, a long-sleeved shirt and shoes plus socks during mixing/loading, application, clean-up, and repair activities. In addition, wear chemical-resistant gloves during mixing/loading, clean-up and repair activities.

Do not re-enter or allow re-entry into treated areas until 12 hours after application.

### **FIRST AID:**

#### **If swallowed:**

Call a poison control centre 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 a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

#### **If on skin or clothing:**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

#### **If inhaled:**

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 centre or doctor for further treatment advice.

#### **If in eyes:**

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

## **TOXICOLOGICAL INFORMATION:**

Treat symptomatically

## **STORAGE AND DISPOSAL**

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

Keep containers tightly closed when not in use.

### **For Recyclable containers:**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

## **DIRECTIONS FOR USE**

Use only as directed. The label should be read thoroughly and understood before making applications. Keep out of reach of children. For sweet and sour cherries: Observe a minimum interval to harvest of 28 days after treatment.

### **Application recommendations:**

ProGibb 40 SG water-soluble granule contains gibberellic acid, an extremely potent plant growth regulator; when applying plant growth regulators, deviations from the label directions in the rates, timings, water volumes, or the adoption of untested spray mixes, may result in undesirable effects. Always consult the Valent BioSciences Corporation agricultural specialist in your area for the spray regimen best suited to your conditions.

- Do not apply to plants under pest, nutritional, or water stress.
- 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. Prepare solution concentrations by mixing the required amount of product with water in a clean, empty spray tank. Discard any unused spray material at the end of each day following municipal, provincial or federal law.
- For best results, the water pH should be around neutral, and always below 8.5
- ProGibb 40 SG applications made under slow drying conditions (cool to warm temperatures, medium to high relative humidity, and no wind) will increase absorption by the plant, thus optimizing effectiveness. Night-time applications are encouraged when day-time conditions are not conducive to slow drying conditions.
- DO NOT apply using ULV application methods. DO NOT APPLY BY AIR.
- Airblast Application: Do not direct spray above trees to be treated. Turn off outward pointing nozzles at row ends and outer rows. Do not apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

## SPRAY GUIDELINES FOR CROP CATEGORIES FRUIT CROPS

CROP/VARIETY	OBJECTIVE/BENEFIT	RATE	APPLICATION TIMING
Sweet Cherry	Delays fruit ripening 4 to 5 days, thus lengthening the picking period and delaying the period of susceptibility to rain cracking. This treatment also increases fruit size, firmness, and resistance to postharvest disorders.	20 g a.i./1000L (20 ppm) (50 g product/1000 L)	Apply a single foliar spray when the fruit is translucent green to straw coloured, 21 days before normal harvest. Use sufficient water volume to ensure thorough wetting (to the point of run-off).
NOTE: Colour development and harvest date are often slightly delayed by this treatment.			
N Sour Cherry (cultivar 'Montmorency') infected with yellows virus	To maintain and extend high fruiting capacity of yellows virus infected 'Montmorency' sour cherry trees by promoting spur formation and reducing the occurrence of 'blind' nodes. Spur formation is apparent the year after application. Therefore, changes in shoot, spur, and flower production will not be evident until two or three years after program initiation. Annual applications are required to ensure spur development and subsequent yield improvement year after year.	10-15 g a.i./1000L (10-15 ppm) (25-37.5 g product/1000 L)	Apply 9 litres of a 10 to 15 ppm solution per standard tree. Use a 10 ppm solution for vigorous trees. A 15 ppm solution may be required for old and less vigorous trees. Apply one spray 14 to 28 days after bloom. Optimum timing is defined as that stage when 3 to 5 terminal leaves have fully expanded, or, at least 3 to 8 cm of terminal shoot extension has occurred.
NOTE: Applications will not improve growth of trees under conditions of nutritional, moisture, or pest-related stress. There will be no response in trees weakened by factors other than yellows virus, such as wet soil or winter injury. Best results will be achieved when combined with good cultural practices. Consult local agricultural authorities and fruit extension specialists for correct diagnosis of virus yellows and on application of gibberellic acid.			

**RECOMMENDED APPLICATION RATES (GRAMS A.I./ACRE)  
FOR TART CHERRY TREES BY AGE**

<b>Tree Age (years)</b>	<b>Rate (grams a.i./hectare)</b>
6-to-10	10-to-15
11-to-15	20-to-25
16-to-20	25-to-35
20 + years	35-to-45

**NOTE:** Rates are based on expected normal tree vigor at various ages. Adjust rate to compliment vigor of trees. If trees are vigorous, use lowest recommended rates. Lowest rates should also be used on trees that have been heavily pruned or hedged. Use higher rates for trees low in vigor and weak in shoot and spur production. Excessive application rates will increase vegetative growth at the expense of fruit production the following year.

Applications will not improve growth of trees under stress conditions of nutritional, moisture, or pest-related stress. Best results will be obtained when combined with good cultural practices.

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## CONVERSION TABLE

ProGibb 40 SG contains approximately 1 gram of active ingredient per 2.5 grams of product.

Grams of Active Ingredient	Grams ProGibb 40 SG
1.0	2.5
2.0	5.0
4.0	10.0
5.0	12.5
8.0	20.0
10.0	25.0
20.0	50.0
30.0	75.0
40.0	100
50.0	125
60.0	150
80.0	200
100	250
120	300

### NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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