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**NOVAGIB™10L**  
**Plant Growth Regulator Solution**

COMMERCIAL

Guarantee: Gibberellins A4 + A7.....0.9674%

For use on APPLES.

**REGISTRATION. NO. 30403 PEST CONTROL PRODUCTS ACT**

**READ THIS LABEL AND ATTACHED BROCHURE BEFORE USING**

**FINE AGROCHEMICALS LIMITED**

Hill End House, Whittington  
Worcester WR5 2RQ United Kingdom

**N.M Bartlett Inc.**

4509 Bartlett Road  
Beamsville, Ontario  
L0R 1B1  
905-563-8261

NET CONTENTS: 4 L

**PRECAUTIONS**

- **KEEP OUT OF REACH OF CHILDREN.**
- Wash thoroughly with soap and water after handling.
- 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.
- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Do not re-enter or allow re-entry into treated areas until 12 hours after application.
- Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature, application equipment and sprayer settings.

**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 IN EYES:** 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 centre or doctor for treatment advice.

**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. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

### **PRODUCT INFORMATION**

NOVAGIB™10L Plant Growth Regulator solution is a soluble liquid formulation of gibberellins A4 + A7 for spray applications to apple trees.

### **STORAGE**

Avoid contamination of seed, feed and foodstuffs. Keep container closed when not in use. Store below 75°F (24°C).

### **DECONTAMINATION AND DISPOSAL**

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

If there is no collection site in your area, dispose of the container in accordance with provincial requirements.

For information on the disposal of unused, unwanted product, contact the manufacturer and the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

### **CONTAINER DISPOSAL:**

#### **FOR DISPOSAL OF PLASTIC JUGS:**

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:

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2. Make the empty, rinsed container unsuitable for further use.

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### **ENVIRONMENTAL PRECAUTIONS**

DO NOT apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

**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.

**NOVAGIB™ is a trademark of Fine Agrochemicals Limited**

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## DIRECTIONS FOR USE

Airblast Application: Do not direct spray above plants 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. Do not apply by air.

Observe a minimum interval to harvest of 28 days after treatment.

## GENERAL INFORMATION

- NOVAGIB™10L Plant Growth Regulator Solution is a plant growth regulator for use on apples.
- NOVAGIB™ 10L Plant Growth Regulator Solution improves the quality of harvested apples by reducing physiological russeting of the fruit.
- NOVAGIB™NOVAGIB™10L Plant Growth Regulator Solution may only reduce russeting caused by climatic factors affecting the fruit during the first 30-40 days of development. NOVAGIB™10L Plant Growth Regulator Solution will not reduce russeting caused by other factors (e.g.: pest, diseased or chemical action).
- Apply NOVAGIB™10L Plant Growth Regulator Solution using conventional spray application machinery or as otherwise directed in this label.
- NOVAGIB™10L Plant Growth Regulator Solution must not be applied using irrigation equipment.
- Do not apply to low-vigor trees or trees under stress from drought, winter injury, etc.
- Apply under calm weather conditions, as a uniform fine mist spray, so that 85% of the spray volume is directed into the upper 2/3 of the trees.
- Use a properly-calibrated sprayer to ensure uniform and complete coverage of all foliage and developing fruit. Spray volumes should be adjusted for tree size and density. Do not apply in more than 935 liters of water/hectare.
- Do not apply when the air temperature is lower than 4.5°C or greater than 32°C.
- NOVAGIB™10L Plant Growth Regulator Solution works best if climatic conditions allow an extended drying period. Consider application in the morning or evening when temperatures are lower as humidity tends to be higher than during the day.
- Rainfall within 6 hours of application may reduce the efficacy of NOVAGIB™10L Plant Growth Regulator Solution.

## SPRAYING GUIDE FOR RUSSET REDUCTION

When used to reduce russeting of fruit, apply NOVAGIB™10L Plant Growth Regulator Solution in two to four consecutive applications. Make the first application of 1.5 – 1.9 liters of NOVAGIB™10L Plant Growth Regulator Solution per hectare at the beginning of petal fall. Repeat this at 7 – 10 day intervals for 4 to 5 applications in order to achieve optimal russet reduction. Determine rate and frequency of application by varietal susceptibility to russet, weather conditions and tree size. Large trees of susceptible varieties suffering high rainfall require the most frequent applications at the highest rate..

- Apply all sprays as a fine mist to ensure maximum coverage and spray retention on flowers and foliage. Use a properly calibrated sprayer.
- Do not apply in water volumes greater than 935 liters/hectare to reduce the risk of russet caused by the spray water.
- Do not add any kind of wetting adjuvant or surfactant unless you are sure of its crop safety. Materials of this type have been shown to cause russetting.
- Apply in conditions conducive to slow drying.
- Always refer to the partner product label when applying NOVAGIB™10L Plant Growth Regulator Solution in tank mixtures and follow all precautions and directions given. The efficacy of NOVAGIB™10L Plant Growth Regulator Solution may be reduced by compounds causing a high pH in the spray tank.

## **SPRAYING GUIDE FOR PREHARVEST FRUIT CRACKING REDUCTION IN ‘STAYMAN’ APPLES**

When used to suppress cracking of ‘Stayman’ apples, apply NOVAGIB™10L Plant Growth Regulator Solution in 3 – 6 consecutive applications. Make the first application of 0.95 – 1.89 liters of NOVAGIB™10L Plant Growth Regulator Solution per hectare in sufficient water to achieve good coverage of the fruit, 2 – 3 weeks before fruit cracking is expected to occur. Use a maximum of 935 liters of water per hectare. This would normally be between mid-June and mid-July but will be affected by geography, climate and other factors. Repeat this at 14 – 21 day intervals. When conditions favour cracking, use the higher rate and shorter interval as specified on the label.

- There are many factors that affect cracking in ‘Stayman’ apples; therefore, the use of NOVAGIB™ 10L Plant Growth Regulator Solution does not guarantee that cracking will not occur. Use NOVAGIB 10L Plant Growth Regulator Solution as a part of a management program.
- Apply in conditions conducive of slow drying.
- Always refer to the partner product label when applying NOVAGIB™10L Plant Growth Regulator Solution in tank mixtures and follow all precautions and directions given. The efficacy of NOVAGIB™10L Plant Growth Regulator Solution may be reduced by compounds causing a high pH in the spray tank.
- A non-ionic wetting agent can be used to improve coverage and enhance penetration.
- Application after cracking has started will greatly reduce the efficacy of NOVAGIB™10L Plant Growth Regulator Solution.
- ‘Stayman’ apples that have received NOVAGIB™10L Plant Growth Regulator Solution applications to suppress russet may not be treated for cracking suppression during the same growing season.

Novagib™ is a trademark of Fine Agrochemicals Limited

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