

novagib[®] 5L



For Organic Production

Plant growth regulator solution for use on apples and cherries*

*not to use in California

Active Ingredient: Gibberellins A₄A₇ 5.00%
Other Ingredients: 95.00%
Total: 100.00%

EPA Reg. No. 62097-47-82917

EPA Est. No. indicated by first letter of batch number on this package (E) 39578-TX-001

(C) 70815-GA-001

Net Contents: 1 quart (0.95 liters)

KEEP OUT OF REACH OF CHILDREN

CAUTION

See attached label booklet for First aid, Precautionary, Storage and Disposal Statements, and Directions for Use.

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.)

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 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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including general health concerns or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, Monday through Friday, 8:00 AM to 12:00 PM Pacific Standard Time. In the event of a medical emergency, call your poison control center at 1-800-222-1222.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wear chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- * Long-sleeved shirt and long pants.
- * Socks and shoes.

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, 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, was thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses: 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 water when disposing of equipment wash waters.

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 requirement specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labelling 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 the label about personal protective equipment (PPE) and restricted entry intervals. The requirements in this box only apply to uses of this product covered by the Worker Protection Standard.

Do not enter or allow 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:

- Long-sleeved shirt and long pants (or coveralls)
- Shoes plus socks

GENERAL INFORMATION

- NOVAGIB 5L is a plant growth regulator for use on apples and sweet cherries.
- NOVAGIB 5L improves the quality of harvested apples by reducing physiological russetting of the fruit.
- NOVAGIB 5L may increase fruit weight.
- NOVAGIB 5L may only reduce russetting caused by climatic factors affecting the fruit during the first 30-40 days of development. NOVAGIB 5L will not reduce russetting caused by other factors (e.g., pest, disease or chemical action).
- NOVAGIB 5L improves the fruit size of sweet cherries.
- Apply NOVAGIB 5L using conventional spray application machinery or as otherwise directed in this label.
- 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 $\frac{2}{3}$ of the trees.
- Use a properly calibrated sprayer to ensure uniform and complete coverage of all foliage and developing fruit. Spray volume should be adjusted for tree size and density. Do not apply in more than 200 gallons of water/acre. Water volumes greater than 100 gallons/acre can increase the risk of russet caused by the spray water.
- Do not apply when the air temperature is lower than 40°F or greater than 90°F.
- NOVAGIB 5L works best if climatic conditions allow an extended drying period. Consider application in the morning or evening when temperatures are lower and humidity tends to be higher than during the day.
- Rainfall within 6 hours of application may reduce the efficacy of NOVAGIB 5L.

Restrictions

- NOVAGIB 5L must not be applied using irrigation equipment.
- Water volumes greater than 100 gallons/acre can increase 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.
- For apple russetting, do not apply more than 16 fl. oz. per acre per growing season.
- For cherries, do not apply more than 9.6 fl. oz. per acre per growing season.

SPRAYING GUIDE FOR APPLE RUSSET REDUCTION

When used to reduce russetting of fruit, apply NOVAGIB 5L in 2-4 consecutive applications. Make the first application of 4.0-6.6 fluid ounces (fl. oz.) in 100 gallons of water per acre at the beginning of petal fall. Repeat this at 7-10 day intervals applying a total of 13.2-16.0 fl. oz. per acre. 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. In general, 4 applications give the best control of russet.

- Apply all sprays as a fine mist to ensure maximum coverage and spray retention on flowers and foliage. Use a properly calibrated sprayer.
- Apply in conditions conducive to slow drying.
- Always refer to the partner product label when applying NOVAGIB 5L in tank mixtures and follow all precautions and directions given. The efficacy of NOVAGIB 5L may be reduced by compounds causing a high pH in the spray tank.

SPRAYING GUIDE FOR SUPPRESSION OF PREHARVEST FRUIT CRACKING IN APPLES

NOVAGIB 5L can be used to suppress cracking in “Stayman” apples. Other apple varieties (all states except California) prone to cracking may also benefit from applications of NOVAGIB 5L for suppression of cracking.

When used to suppress cracking of apples, apply NOVAGIB 5L in 3-6 consecutive applications. Make the first application of 6.4-12.8 fl. oz. in sufficient water to achieve good coverage of the fruit, 2-3 weeks before fruit cracking is expected to occur. 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. The use of the higher number of applications at the higher rates with the shorter time interval gives the strongest suppression of cracking. In general, at least 4 applications are required for best cracking suppression.

- There are many factors that affect cracking in apples; therefore, the use of NOVAGIB 5L does not guarantee that cracking will not occur. Use NOVAGIB 5L as one part of a management program to produce the highest quality crop.
- Apply in conditions conducive of slow drying.
- Always refer to the partner product label when applying NOVAGIB 5L in tank mixtures and follow all precautions and directions given. The efficacy of NOVAGIB 5L 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 5L.

TO INCREASE LENGTH OF LATERAL BLOOM PEDICELS IN SHORT-STEMMED APPLE VARIETIES (all states except California)

For this use, mix 32 to 64 fluid ounces (fl.oz) of Novagib 5L per 100 gallons of water (125 - 250 ppm). Make a single application between the tight cluster and first pink stages of bud development. A spray volume of 50 -100 gallons per acre is required to produce adequate coverage. Applications made earlier than tight cluster have not been shown to be effective. Applications made later than first pink can result in elongation of king bloom pedicels and exaggerated elongation of fruit. The addition of a nonionic surfactant has been shown to improve performance.

Restrictions

- Do not treat for cracking suppression in apples that have received Novagib 5L applications to increase length of lateral bloom pedicels during the same growing season.

SPRAYING GUIDE FOR IMPROVED FRUIT SIZE IN SWEET AND TART CHERRIES (all states except California)

When used to improve fruit size in sweet and tart cherries, apply NOVAGIB 5L in 1-4 consecutive applications. Make the first application of 1.2-2.4 fl. oz. in 100 gallons of water (5-10 ppm), preferably beginning at first white stage but no earlier than tight cluster stage. Repeat applications may be made in 7-14 day intervals after the first application up to petal fall, applying a total of 1.2-9.6 fl. oz. per acre. A spray volume of 50 -100 gallons per acre is required to produce adequate coverage.

- Apply all sprays as a fine mist to ensure maximum coverage and spray retention on tree. Use a properly calibrated sprayer.
- Apply in conditions conducive to slow drying.
- Always refer to the partner product label when applying NOVAGIB 5L in tank mixtures and follow all precautions and directions given. The efficacy of NOVAGIB 5L may be reduced by compounds causing a high pH in the spray tank.
- **Multiple applications and high rates of NOVAGIB 5L in excess of those stated above may reduce return bloom the next season in certain varieties.**

STORAGE AND DISPOSAL

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

Pesticide Storage: Keep containers tightly closed when not in use. Store below 75°F (24°C).

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable container. Do not reuse or refill this container. 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 ¼ 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 or reconditioning, or puncture and dispose of in sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY

Fine Agrochemicals Limited ("FINE") warrants that this Product conforms to the specifications on this label. To the extent consistent with applicable law, FINE makes no other warranties and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for a

particular purpose. No agent of FINE or any other person is authorized to make any representation or warranty beyond those contained herein.

It is impossible to eliminate all risks associated with this Product. Plant injury, lack of performance, or other unintended consequences may result because of factors such as abnormal weather conditions, use of the Product other than in strict accordance with this label's instructions, presence of other materials, the manner of application or other factors, all of which are beyond the control of FINE or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

To the extent consistent with applicable law: 1) FINE disclaims any liability whatsoever for special, incidental or consequential damages resulting from the handling or use of this Product and 2) FINE's liability under this label shall be limited to the amount of the purchase price or, at the election of FINE, the free replacement of the Product.

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