


# BREVIS<sup>®</sup> SG

Reg. no. L11491 Act/Wet 36 of/van 1947

**READ THE LABEL BEFORE USE  
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

<b>PLANT GROWTH REGULATOR</b>	<b>PLANTGROEIREGULEERDER</b>
-------------------------------	------------------------------

A water-soluble granular plant growth regulator for chemical fruit thinning in apple and pear cultivars, as indicated.	'n Wateroplosbare korrel plantgroeireguleerder vir die chemiese uitdun van vrugte in appel- en peerkultivars, soos aangedui.
--	--

 <p><b>DANGER</b></p>	<p><b>Hazard statements</b> Harmful if swallowed. Causes serious eye damage. Toxic to aquatic life with long lasting effects.</p> <p><b>Precautionary statements</b> Avoid release to the environment. Wear protective gloves, face protection, eye protection and protective clothing.</p>
--	---

### ACTIVE INGREDIENT/AKTIEWE BESTANDEEL

metamitron (triazinone) ..... 150 g/kg ..... metamitron (triasinoon)

### NET MASS/NETTO MASSA

..... kg

### REGISTRATION HOLDER/REGISTRASIEHOUER

ADAMA South Africa (Pty) Ltd; Reg. no. 1992/001741/07  
Ground Floor, Simeka House  
The Vineyard Office Estate, 99 Jip de Jager Drive  
Bellville, 7530  
T: +27 21 982 1460, [infocpt@adama.com](mailto:infocpt@adama.com)

UN no.: 3077

### In case of poisoning, call the following numbers:

Griffon Poison Information Centre: +27 82 446 8946 or  
Tygerberg Poison Information Centre: +27 861 555 777

### Emergency number:

SPILL TECH: +27 86 100 6366 or +27 83 253 6618

Batch number .....  
Date of Manufacture .....  
Expiry date .....

Lotnommer .....  
Datum van Vervaardiging .....  
Vervaldatum .....

## WARNINGS

- Harmful if swallowed.
- Causes serious eye damage.
- Toxic to aquatic life with long lasting effects.

## Withholding periods

Allow the following number of days between the last application and harvest:

**Apples and pears** .....56 days

- Handle with care.
- Avoid contact with eyes.
- Store in a cool, dry place away from food and feedstuffs.
- Keep out of reach of children, uninformed persons and animals.
- **Re-entry:** Do not enter the treated area until spray deposit has dried, unless wearing protective clothing.
- In case of poisoning, contact a physician and show him/her this label.

**Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the disease against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.**

## PRECAUTIONS

- Keep out of reach of children.
- Wash face, hands and any exposed skin thoroughly after handling. Do not touch eyes.
- Do not eat, drink, or smoke when using this product.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Avoid release to the environment apart from the intended use.
- **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.
- **IF SWALLOWED:** Rinse mouth. Get medical help.

- Store locked up.
- Collect spillage.
- Dispose of contents and/or container to an approved waste disposal plant.

- Avoid inhalation of spray mist and dust.
- Take off contaminated clothing and wash clothing daily.
- Avoid drifting of the spray mixture to other crops, grazing areas, rivers or dams or any other area that is not under treatment.
- After use, clean the applicator and dispose of wash water where it will not contaminate grazing, rivers, dams or crops.
- Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container *three times* in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler ([www.croplife.co.za](http://www.croplife.co.za)).
- Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- Prevent contamination of food, feedstuffs, eating utensils and drinking water.

## RELEVANT SUBSTANCES

Chemical name	w/w %	CAS no.
Calcium formate	>60%	544-17-2
Metamitron	10–30 %	41394-05-2
Sucrose	<10%	57-50-1
Alcohols, C11-14-iso-, C13-rich, ethoxylated (7-15 EO)	<10%	78330-21-9

## FIRST AID TREATMENT

Show this label and safety data sheet to the doctor in attendance. Immediate medical attention is required.

**Inhalation:** Remove to fresh air. Get medical attention immediately if symptoms occur.

**Ingestion:** Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.



**Skin contact:** Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

**Eye contact:** Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.

**Note to doctor:** Treat symptomatically.

**SYMPTOMS OF HUMAN POISONING:** Burning sensation.

## USE RESTRICTIONS

- Only for use on cultivars as listed on the label.
- Do not apply more than two **BREVIS® SG** applications per season. If further thinning is required after the first application of **BREVIS® SG**, a second application of **BREVIS® SG** or another suitable alternative, or hand thinning can be considered.
- The recommended dosage rate of 1 200 g per hectare must not be exceeded. Higher application rates may cause phytotoxicity (yellowing of leaves and/or necrosis) and excessive fruit thinning.
- Do not apply to wet leaves.
- Allow a minimum of 7 days between two **BREVIS® SG** applications or application of **BREVIS® SG** and any other chemical thinning application.
- Do not apply to trees under stress conditions – latent or visible at the time of application – such as drought, water logging, shallow soils, nutritional deficiencies, disease. Only apply to healthy, actively growing trees.

## DIRECTIONS FOR USE

**Use only as indicated.**

**NOTICE TO THE USER:** This agricultural remedy is to be used only according to the directions of this label. It is an offense under the Act to use this product inconsistent with the directions on the label.

### General

**BREVIS® SG** is used for the chemical thinning of apple and pear fruitlets. It is applied in the most sensitive period shortly after flowering. **BREVIS® SG** is a photosynthetic inhibitor and its effect is enhanced when applied at or after a period of low irradiance. The performance of the product is affected by the availability or absence of sunlight. The reduction in carbohydrates as a result of reduced photosynthesis will enhance fruit drop.

Immediately after the application of **BREVIS® SG** photosynthesis will be reduced rapidly. The rate of photosynthesis will remain low for a couple of days before returning to normal. This will result in the tree shedding the excessive smaller-sized fruitlets. When necessary a second application may be required. If further thinning is required the **BREVIS® SG** application must be followed by hand thinning. Do not apply more than two applications of **BREVIS® SG** per season.



Apply only to orchards free from stress conditions. Response to chemical thinning varies between orchards. Please ensure that the history of the orchard, including the fruit thinning and fruit size history, and the fruit marketing requirements are taken into account when determining the time of application and the rate at which **BREVIS® SG** is to be applied, and when any other decisions regarding application are taken.

Some chlorosis (yellowing of leaves) may be noticed after application, but should not influence the yield or fruit quality.

If uncertain about any aspect regarding the use of **BREVIS® SG**, please consult with a trained advisor or ADAMA South Africa.

Also note:

- Trees under cover might experience enhanced thinning.
- Cool and cloudy conditions or low temperatures may lead to more aggressive thinning.

### **Compatibility**

The mixing of **BREVIS® SG** with other plant growth regulators, fungicides, boron and any adjuvants or insecticides is not recommended.

### **Mixing instructions**

Half fill the spray tank with clean water. Pre-mix the required quantity of **BREVIS® SG** in a small volume of water and add to the spray tank while agitating. Rinse the container and add rinsate to the spray tank. While agitating, fill the spray tank with water to the required volume. Ensure constant effective agitation during mixing and application.

### **Application**

**BREVIS® SG** can be applied by any medium- or high-volume applicator, provided it is correctly calibrated, fitted with an efficient agitation mechanism, and is able to distribute the spray mixture evenly over the target area.

Note that cool and cloudy conditions or low temperatures may lead to more aggressive thinning.

## APPLICATION RATES

CROP	DOSAGE	REMARKS
<p><b>Apples</b></p> <p>Royal Gala</p> <p>Golden Delicious</p> <p>Fuji</p> <p>Cripps Pink</p> <p>Granny Smith</p> <p>Braeburn</p>	1 200 g/ha	<p>Apply <b>BREVIS® SG</b> as a full cover spray in 1000–1 500 L water per hectare, depending on the tree-row-volume requirement of the orchard.</p> <p>Apply <b>BREVIS® SG</b> in the period from the end of flowering up to the largest fruit on the tree reaching a maximum size of 18 mm diameter (i.e., fruit size no more than 18 mm in diameter).</p> <p>Do not apply more than two <b>BREVIS® SG</b> applications per season.</p> <p>If further thinning is required follow up with a second application of <b>BREVIS® SG</b> or a suitable alternative, or hand thinning. Allow a minimum of 7 days between applications of <b>BREVIS® SG</b> or <b>BREVIS® SG</b> and any other chemical thinning application.</p> <p>Apply <b>BREVIS® SG</b> onto dry leaves for optimum distribution and uptake.</p> <p>Consult with a ADAMA representative.</p>
<p><b>Pears</b></p> <p>Abate Fetel</p> <p>Forelle</p> <p>Early Bon Chretien</p> <p>Flamingo</p>	1 200 g/ha	<p>Apply <b>BREVIS® SG</b> as a full cover spray in 1000–1 500 L water per hectare, depending on the tree-row-volume requirement of the orchard.</p> <p>Apply <b>BREVIS® SG</b> in the period from the end of flowering up to the largest fruit on the tree reaching a maximum size of 18 mm diameter (i.e., fruit size no more than 18 mm in diameter).</p> <p>Do not apply more than two <b>BREVIS® SG</b> applications per season.</p> <p>If further thinning is required follow up with a second application of <b>BREVIS® SG</b> or a suitable alternative, or hand thinning. Allow a minimum of 7 days between applications of <b>BREVIS® SG</b> or <b>BREVIS® SG</b> and any other chemical thinning application.</p> <p>Apply <b>BREVIS® SG</b> onto dry leaves for optimum distribution and uptake.</p> <p>Consult with a ADAMA representative.</p>