



# BREVIS<sup>®</sup> 150 SC

Reg. no. L9748 Act/Wet 36 of/van 1947

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

## ACTIVE INGREDIENT/AKTIEWE BESTANDEEL

metamitron (triazinone) ..... 150 g/L ..... metamitron (triasinon)

## NET VOLUME/NETTO VOLUME

..... L

## REGISTRATION HOLDER/REGISTRASIEHOUER

ADAMA South Africa (Pty.) Ltd.  
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**BREVIS<sup>®</sup> is the registered trademark of a company of the ADAMA GROUP.**  
**BREVIS<sup>®</sup> is die geregistreeerde handelsmerk van 'n maatskappy van die ADAMA GROEP.**

## CONTACT IN EMERGENCY/KONTAK IN NOOD

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

Batch number .....  
Date of Manufacture .....

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

UN No: 3082



HARMFUL  
SKADELIK



## WARNINGS

### Withholding period

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

Apples and pears..... 56 days

**Export crops:** When the product is used according to label recommendations the local maximum residue levels (MRLs) will not be exceeded. ADAMA South Africa (Pty.) Ltd. cannot be held responsible for export crops exceeding the MRLs of other countries. The local export marketing bodies should be consulted for further information.

- Handle with care.
- Harmful if swallowed.
- Poisonous to fish and other aquatic organisms.
- 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 soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label, as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, and 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

- Do not inhale fumes or spray mist.
- Wear protective clothing, for instance boots, face shield, and gloves, when handling the concentrate.
- Wash with soap and cold water after accidental skin contact.
- Take off contaminated clothing and wash clothing daily.
- Do not eat, drink or smoke when mixing or applying, or before hands and face have been washed.
- 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 tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of

water of at least 10 % to that of the container. Add the rinsings to the contents of the spray tank before destroying the empty container.

- Destroy the empty container by perforating and flattening it and never re-use for any other purpose.
- Prevent contamination of food, feedstuffs, eating utensils and drinking water.

### Use restrictions

- Only for use on cultivars as listed on the label.
- Do not apply more than one **BREVIS® 150 SC** application per season. If further thinning is required, hand thinning or another suitable alternative is recommended. A follow-up application with a suitable chemical thinning agent, such as **BAPSOL** or **MAXCEL™**, can be considered, in consultation with a trained advisor. Refer to the labels of these products for instructions.
- The recommended dosage rate of 1 200 ml 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 application of **BREVIS® 150 SC** 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, abnormal cool and cloudy conditions, or low temperatures. Only apply to healthy, actively growing trees.

### DIRECTIONS FOR USE

**Use only as indicated.**

#### General

**BREVIS® 150 SC** is used for the chemical thinning of apple and pear fruitlets. It is applied in the most sensitive period shortly after flowering. **BREVIS® 150 SC** 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® SC** 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. If further thinning is required the **BREVIS® 150 SC** application must be followed by hand thinning or another suitable alternative. Do not apply more than one application of **BREVIS® 150 SC** 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® 150 SC** is to be applied, and when any other decisions regarding application are taken.

Also note that trees under cover might experience enhanced thinning.

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® 150 SC**, please consult with a trained advisor or ADAMA South Africa.

## Compatibility

The mixing of **BREVIS® 150 SC** with other plant growth regulators, fungicides or insecticides is not recommended.

## Mixing instructions

Half fill the spray tank with clean water. Pre-mix the required quantity of **BREVIS® 150 SC** 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® 150 SC** 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. Apply as a full cover spray in at least 1 000 l water per hectare.

## APPLICATION RATES

CROP	DOSAGE	REMARKS
<b>Apples</b> Royal Gala Golden Delicious Fuji Cripps Pink Granny Smith	1 200 ml/ha	Apply as a single application from the end of flowering up to an average fruitlet size of 10 mm diameter. Apply as a full cover spray in 1000–1 500 l water per hectare. If further thinning is required follow up with hand thinning or another suitable alternative, for instance a chemical thinning agent such as <b>MAXCEL™</b> or <b>BAPSOL</b> .  Apply <b>BREVIS® 150 SC</b> onto dry leaves for optimum distribution and uptake.
<b>Pears</b> Abate Fetel Forelle Early Bon Chretien	1 200 ml/ha	Apply as a single application from the end of flowering up to an average fruitlet size of 10 mm diameter. Apply as a full cover spray in 1000–1 500 l water per hectare. If further thinning is required, follow up with hand thinning or another suitable alternative.  Apply <b>BREVIS® 150 SC</b> onto dry leaves for optimum distribution and uptake.

**BAPSOL** (L8783) is registered and distributed by CHEMPAC (Pty.) Ltd.

**MAXCEL™** (L7876) is registered by VALENT BIOSCIENCES, a division of Philagro S.A. (Pty.) Ltd, and is the registered trade name of Valent BioSciences™ Corporation, USA.

## WAARSKUWINGS

### Onthoudingsperiode

Laat die volgende aantal dae tussen die laaste toediening en oes toe:

Appels en pere ..... 56 dae

**Uitvoergewasse:** Die plaaslike maksimum residuvlakke (MRV's) sal nie oorskry word indien die produk volgens etiketaanbevelings gebruik word nie. ADAMA South Africa (Pty.) Ltd. kan egter nie verantwoordelik gehou word indien MRV's van ander lande oorskry sou word nie. Skakel met die plaaslike uitvoerorganisasies rakende tyd van toediening, onthoudingsperiodes en spesifieke toleransievereistes van lande waarheen produkte uitgevoer gaan word.

- Hanteer versigtig.
- Skadelik deur inname.
- Giftig vir visse en ander waterlewe.
- Berg in 'n koel, droë plek weg van voedsel en voer.
- Hou buite bereik van kinders, oningeligte persone en diere.
- **Herbetreding:** Moenie die behandelde gebied betree voordat die spuitstof droog is nie, tensy beskermende oorklere gedra word.
- In geval van vergiftiging kontak 'n geneesheer en toon hierdie etiket aan hom/haar.

**Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie. Die werking en doeltreffendheid daarvan kan beïnvloed word deur faktore soos abnormale grond-, klimaats- en bergingstoestande, kwaliteit van die verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui word nie, asook die tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei en die omgewing of nadelige invloede op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van versuim van die gebruiker om etiketaanwysings na te kom, of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in geval van enige onsekerheid.**

### Voorsorgmaatreëls

- Moet nie dampe of die sproei newel inasem nie.
- Dra beskermende klere, byvoorbeeld skoene, gesigskerm en handskoene, as konsentraat hanteer word.
- Was met koue water en seep indien dit per ongeluk met die vel in aanraking kom.
- Trek besoedelde klere uit en was werksklere daagliks.
- Moet nie eet, drink of rook tydens vermenging of toediening of voordat hande en gesig gewas is nie.
- Verhoed wegdryf van spuitnewel na ander gewasse, weiding, riviere of damme of ander gebiede wat nie onder behandeling is nie.
- Maak spuitapparaat skoon na gebruik en gooi waswater weg waar dit nie gewasse, weiding, riviere, damme of nie-teikengebiede sal besoedel nie.

- Keer die leë houer om oor die spuit- of mengtenk en laat dit dreineer vir ten minste 30 sekondes nadat die vloeï tot 'n gedrup verander het. Spoel die leë houer daarna drie keer uit met 'n volume water gelykstaande aan minstens 10 % van die volume van die houer. Gooi die spoelwater in die meng- of spuittenk voor die leë houer vernietig word.
- Vernietig die leë houer deur gate daarin te maak en moet dit vir geen ander doel gebruik nie.
- Verhoed besoedeling van voedsel, voer, drinkwater en eetgerei.

## Gebruiksbeperkings

- Gebruik alleenlik op kultivars soos gelys op die etiket.
- Moet nie meer as een **BREVIS® 150 SC** toediening per seisoen maak nie. Indien verdere uitdunning nodig is, word handuitdunning of 'n ander geskikte alternatief aanbeveel. 'n Opvolgtoediening met 'n geskikte chemiese uitdunmiddel, soos **BAPSOL** of **MAXCEL™**, kan oorweeg word, in konsultasie met 'n opgeleide adviseur. Verwys na die etikette van hierdie produkte vir aanwysings.
- Die aanbevole dosis van 1 200 ml per hektaar moet nie oorskry word nie. Hoër dosisse mag fitotoksiteit (vergelying van blare en/of nekrose) asook uitermatige vruguitdunning veroorsaak.
- Moet nie op nat blare toedien nie.
- Laat 'n minimum van 7 dae toe tussen die toediening van **BREVIS® 150 SC** en enige ander chemiese uitdunmiddel.
- Moet nie aan bome toedien wat aan stremmingstoestande onderworpe is nie – hetsy latent of sigbaar tydens toediening – byvoorbeeld droogte, versuiping, vlak gronde, voedingstekorte, siektes, abnormaal koel en bewolkte toestande, of lae temperature. Dien slegs aan gesonde, aktief-groeiende bome toe.

## GEBRUIKSAANWYSINGS

### Gebruik alleenlik soos voorgeskryf.

#### Algemeen

**BREVIS® 150 SC** word gebruik vir die uitdun van appel- en peervruggies. Dit word in die mees sensitiewe periode kort na blom toegedien. **BREVIS® 150 SC** is 'n fotosintese-inhibeerder en die effek daarvan word verhoog wanneer dit tydens of na afloop van 'n periode van lae ligintensiteit toegedien word. Die prestasie van die produk word deur die beskikbaarheid of afwesigheid van sonlig beïnvloed. Die vermindering in koolhidrate as gevolg van die vermindering in fotosintese sal vrugval bevorder.

Fotosintese neem vining na die toediening van **BREVIS® 150 SC** af en die tempo van fotosintese sal vir 'n paar dae laag bly voordat dit weer na normaal terugkeer. Dit veroorsaak dat die boom die oormaat kleiner vruggies afgooi. Indien verdere uitdunning nodig is, moet die **BREVIS® 150 SC** toediening deur handuitdunning of 'n geskikte alternatief opgevolg word. Moet nie meer as een toediening per seisoen maak nie.

Moet nie aan boorde toedien wat onder stremming is nie. Die reaksie op chemiese uitdunning wissel tussen boorde. Maak asseblief seker dat die geskiedenis van die boord, insluitend die vruguitdunning- en vruggroottegeskiedenis, asook die bemarkingsvereistes in aanmerking geneem word wanneer die tyd van toediening en die toedieningsdosis van **BREVIS® 150 SC** bepaal word en enige ander besluite oor toediening geneem word. Let op dat strawwer uitdunning kan voorkom by bome onder bedekking.

Geringe chlorose (vergelying) van blare kan na toediening voorkom, maar sal nie die opbrengs of vrugkwaliteit beïnvloed nie.

Indien onseker oor enige aspek rakende die gebruik van **BREVIS® 150 SC**, raadpleeg asseblief 'n opgeleide adviseur of ADAMA South Africa.

### Verenigbaarheid

Die meng van **BREVIS® 150 SC** met ander plantgroeireguleerders, swam- of insekdoders word nie aanbeveel nie.

### Menginstruksies

Vul die spuittenk halfvol met skoon water. Meng die benodigde hoeveelheid **BREVIS® 150 SC** vooraf met 'n klein hoeveelheid water en voeg dit dan in die tenk by terwyl geroer word. Spoel die houër uit en voeg die spoelwater in die spuittenk by. Roer voortdurend terwyl die spuittenk tot die verlangde volume gevul word. Verseker doeltreffende roering tydens meng en toediening.

### Toediening

**BREVIS® 150 SC** kan met enige medium- of hoëvolume toediener met 'n doeltreffende roersisteem toegedien word, mits dit korrek gekalibreer is en in staat is om die spuitmengsel eweredig oor die teikengebied te versprei. Dien toe as 'n volle dektoediening in ten minste 1 000 l water per hektaar.

### TOEDIENINGSHOEVEELHEDE

GEWAS	DOSIS	OPMERKINGS
<b>Appels</b> Royal Gala Golden Delicious Fuji Cripps Pink Granny Smith	1 200 ml/ha	Maak 'n enkele toediening vanaf die einde van blom tot 'n gemiddelde vruggrootheid van 10 mm deursnee. Dien toe as 'n voldekbepuiting in 1000–1500 l water per hektaar. Indien verdere uitdunning verlang word, moet dit met handuitdunning of 'n ander geskikte alternatief opgevolg word, soos byvoorbeeld die chemiese uitdunmiddels <b>MAXCEL™</b> of <b>BAPSOL</b> .  Dien <b>BREVIS® 150 SC</b> op droë blare toe vir optimale verspreiding en opname.
<b>Pere</b> Abate Fetel Forelle Early Bon Chretien	1 200 ml/ha	Maak 'n enkele toediening vanaf die einde van blom tot 'n gemiddelde vruggrootheid van 10 mm deursnee. Dien toe as 'n voldekbepuiting in 1000–1500 l water per hektaar. Indien verdere uitdunning verlang word, moet dit met handuitdunning of 'n ander geskikte alternatief opgevolg word.  Dien <b>BREVIS® 150 SC</b> op droë blare toe vir optimale verspreiding en opname.

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