



PACLOBUTRAZOLE 250 SC

Reg. No. L11506 Act No. 36 of 1947 | Reg. Nr. L11506 Wet Nr. 36 van 1947

A suspension concentrate used as a systemic plant growth regulator for vegetative growth in fruit trees.

'n Suspensie konsentraat word gebruik as 'n sistemiese plantgroeireguleerder vir vegetatiewe groei in vrugtebome.

PLANT GROWTH REGULATOR 3

ACTIVE INGREDIENT:

Paclobutrazole (triazole) 250g/ℓ

Manufactured for and registered by/
Vervaardig vir en geregistreer deur:

Sharda International Africa (PTY) LTD

Reg. No./Reg. Nr. 2010/002268/07

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PLANTGROEIREGULEERDER 3

AKTIEWE BESTANDEEL:

Paklobutrasool (triasool) 250g/ℓ

BATCH NUMBER LOT NOMMER	
DATE OF EXPIRY VERVAL DATUM	



HARMFUL
SKADELIK



WARNINGS:

- Handle with care.
- Harmful if swallowed. May cause skin and eye irritation.
- Store in a cool place away from food and feedstuffs.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry: Do not enter treated area within 1 day after treatment unless wearing protective clothing.
- In case of poisoning call a doctor and make this label available to him.

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, 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 event of any uncertainty.

PRECAUTIONS:

- Do not inhale fumes or spray mist.
- Wear protective clothing (overall, face shield, rubber gloves and boots) when handling the concentrate.
- After use and in case of accidental skin contact, wash thoroughly with soap and water.
- In case of accidental eye contact, wash immediately with plenty of clean water for at least 15 minutes.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and change of clothing.
- Wash contaminated clothing daily.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator after use and dispose of wash water where it will not contaminate desirable plants, crops, grazing, rivers or dams.
- Triple rinse empty containers in the following manner: Invert the empty container over the spray or mixing 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 equal to a minimum of 10% of that of the container. Add the rinsings to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy empty container by perforation and flattening and never use for any other purpose.
- Prevent contamination of foods, feedstuffs, eating utensils and drinking water.

SYMPTOMS OF POISONING:

Swallowing can result in nausea, vomiting and abdominal pain. May cause respiratory irritation when vapour is inhaled and entering the mucous membranes and respiratory tract. May cause eye and skin irritation.

FIRST AID TREATMENT

Skin: Wash with plenty of water.
 Eyes: Flush immediately with plenty clean water for at least 15 minutes.
 Ingestion: Do not induce vomiting. Seek medical attention immediately.

NOTE TO PHYSICIAN:

If the dose is considered less lethal, observe the patient and treat symptomatically. If gastric lavage is considered necessary, prevent aspiration of gastric material. Consider administration of activated charcoal and a laxative.

DIRECTIONS FOR USE: Use only as directed.**GENERAL INFORMATION:**

- PACLOBUTRAZOLE 250 SC use may lead to increased yields. This may require higher levels of fertilization.
- PACLOBUTRAZOLE 250 SC use may intensify symptoms of trace element deficiencies.
- Do not use PACLOBUTRAZOLE 250 SC:
 - (i) on trees under stress – apply only to healthy trees;
 - (ii) for at least six (6) months on newly planted orchards;
 - (iii) as a soil drench for at least three (3) years before grubbing an orchard to avoid growth retardation in crops subsequently planted.

AVOCADO TREES:

- Soil application:
- Apply PACLOBUTRAZOLE 250 SC to trees less than 2.5 metres high as a soil drench around the base of each tree after removing all organic material from the surface to be treated. Irrigation or rain is needed for efficacy and the visual effects may be delayed for 2 to 4 months depending on tree size and the occurrence of subsequent growth flushes.
 - Determination of canopy size: Randomly sample a minimum of 10 trees from a block, measuring height and width of each tree. Canopy area is calculated by multiplying height and width to give metres of square canopy area.
 - Foliar application:
 - For use on Fuerte only. For other cultivars contact a Sharda representative.
 - Apply PACLOBUTRAZOLE 250 SC at early to mid-blossom or at an early vegetative flush stage directing a light foliar spray at the new growth shoots.
 - Application on the early summer flush may reduce fruit drop.
 - The addition of a wetter will enhance the uptake of chemical.

MIXING INSTRUCTIONS:

- Do not mix PACLOBUTRAZOLE 250 SC with other crop protection chemicals.
- Shake container before mixing.
- After mixing the mixture should be maintained in suspension by continuous agitation or frequent stirring.

CROP	DOSAGE REMARKS	REMARKS
AVOCADO TREES Soil drench growth control	Initial treatment: a) Vigorous growing trees: 1,6 ml PACLOBUTRAZOLE 250 SC/m ² tree canopy. b) Less vigorous growing trees: 0,8 ml PACLOBUTRAZOLE 250 SC/m ² tree canopy. Apply in 250 - 500 ml water as a soil drench around the trunk of the tree. Follow-up treatment: a) Vigorous growing trees: 1,6 ml PACLOBUTRAZOLE 250 SC/m ² tree canopy applied as below. b) Less vigorous growing trees: 0,8 ml PACLOBUTRAZOLE 250 SC/m ² tree canopy applied as below.	Apply PACLOBUTRAZOLE 250 SC to irrigated orchards only. PACLOBUTRAZOLE 250 SC applied in spring and early summer will only affect the growth flushes following applications. NOTE: On the cultivar Pinkerton apply 0,8 ml PACLOBUTRAZOLE 250 SC/tree as initial treatment. Follow-up treatments should be applied at yearly intervals after initial application.
Soil application: Apply PACLOBUTRAZOLE 250 SC to healthy trees only. Apply PACLOBUTRAZOLE 250 SC to trees less than 2,5 m high as a soil drench around the base of each tree trunk after removal of all organic material from the application area. Rain or irrigation is needed after treatment to obtain the required effects. The visual effects of an application may be delayed for 2 - 4 months depending on tree size and the occurrence of subsequent growth flushes. Determination of canopy size: For each block a random sample must be measured for height and width (minimum 10 trees). From this the canopy area is calculated by multiplying height and width to give meters of squared canopy area. Foliar application: For use in the cultivar Fuerte only. For use in other cultivars, consult your Sharda representative. Apply to healthy trees only. Apply PACLOBUTRAZOLE 250 SC at early to mid-blossom (panicle enlargement) or at an early vegetative flush stage (ideally apply to new vegetative shoots 2 - 4 cm long) directing a light foliar spray at the new growth shoots. Application on the early summer flush may reduce fruit drop. The addition of a wetter will enhance the uptake of the chemical.		
AVOCADO TREES Foliar application growth control Fuerte only	400 ml PACLOBUTRAZOLE 250 SC/100 l water	Apply PACLOBUTRAZOLE 250 SC at early to mid blossom (panicle enlargement) or at an early vegetative flush stage (ideally apply to new vegetative shoots 2 - 4 cm long) directing the foliar spray at the new growth shoots. Refer above.
MACADAMIA TREES Growth control Soil drench	Initial treatment: a) Trees 2 - 4 years old apply 4 - 8 ml PACLOBUTRAZOLE 250 SC/tree. b) Trees 5 - 7 years old apply 10 - 15 ml PACLOBUTRAZOLE 250 SC/tree. c) Trees 8 years and older apply 20 ml PACLOBUTRAZOLE 250 SC/tree. Apply in 250 - 500 ml water as a soil drench around the trunk of the tree. Follow-up treatments: a) Trees 2 - 4 years old apply 4 ml PACLOBUTRAZOLE 250 SC/ tree b) Trees 5 - 7 years old apply 8 ml PACLOBUTRAZOLE 250 SC/ tree c) Trees 8 years and older apply 10 ml PACLOBUTRAZOLE 250 SC/tree. Apply in 200 - 500 ml water as a soil drench around the trunk of the tree.	A split treatment on young trees will give uniform growth control, e.g. 4 ml PACLOBUTRAZOLE 250 SC applied in September and 4 ml PACLOBUTRAZOLE 250 SC applied in February. Follow-up treatments should be applied at yearly intervals after initial application. Do not re-treat trees showing high growth suppression.
LITCHI TREES Growth control Soil drench	Initial treatment: a) Vigorous growing trees: 1,6 ml PACLOBUTRAZOLE 250 SC/m ² tree canopy applied in 250 - 500 ml water as a soil drench around the trunk of the tree. b) Less vigorous growing trees: 0,8 ml PACLOBUTRAZOLE 250 SC/m ² tree canopy applied as above. Follow-up treatments: 0,8 ml PACLOBUTRAZOLE 250 SC/m ² tree canopy applied as below.	Apply PACLOBUTRAZOLE 250 SC to irrigated orchards only. Follow-up treatments should be applied at yearly intervals after initial application.
Apply to healthy trees only. Apply PACLOBUTRAZOLE 250 SC to trees in areas showing vigorous vegetative growth. Apply PACLOBUTRAZOLE 250 SC as a soil drench around the base of each tree trunk after removal of all organic material from the application area. Rain or irrigation is needed after treatment to obtain the required effects.		
NECTARINES and PEACHES (Summer and winter rainfall area) Growth control Soil drench	a) On cultivars showing normal growth vigour apply 4ml PACLOBUTRAZOLE 250 SC/ tree. b) On cultivars showing strong vigorous growth apply 8 ml PACLOBUTRAZOLE 250 SC/tree.	Apply during the early autumn months in 250 - 500 ml water/tree as a soil drench around the trunk of the tree.
PLUMS, NECTARINES AND CANNING PEACHES Winter rainfall area only: (Cultivars as listed for vegetative growth control)	100 ml PACLOBUTRAZOLE 250 SC/100 l water	Apply PACLOBUTRAZOLE 250 SC as a high volume full cover spray preferably in autumn at first signs of leaf drop or at bud swell up to white bud (plums) pink bud (peaches and nectarines). Do not spray after pink bud / white bud.