



avocet[®]

A SUSPENSION CONCENTRATE, SYSTEMIC PLANT
GROWTH REGULANT FOR VEGETATIVE GROWTH ON
FRUIT CROPS AS MENTIONED

3: 20/11/08 – JULY 2016

'N SUSPENSIE KONSENTRAAT, SISTEMIESE
PLANTGROEI REGULEERDER VIR VEGETATIEWE
GROEIBEHEER OP VRUGTEGEWASSE SOOS
AANGEDUI

REG. NO. L 7368 / N-AR 1300 ACT/WET NO. 36 OF/VAN 1947

ACTIVE INGREDIENT: 250 G/L PACLOBUTRAZOL (TRIAZOLE)
AKTIEWE BESTANDDEEL: 250 G/L PAKLOBUTRASOOL (TRIASOOL)

UN NUMBER: 3082

MANUFACTURES BY /
VERVAARDIG DEUR:

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DISTRIBUTED BY /
VERSPREI DEUR:



UNIVERSAL CROP PROTECTION (PTY) LTD.
CO REG. NO. 1983/008184/07
MPY.REG NR.
PO BOX /POSBUS 801,
KEMPTON PARK 1620
TEL. (011) 396 2233
WWW.VILLACROP.CO.ZA

BATCH NUMBER /
LOTNUMMER:

DATE FORMULATED /
FORMULERINGSDATUM:

NET VOLUME:
NETTO VOLUME:

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fine

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AVO/SA/1L/17



**CAUTION
VERSIGTIG**



AVOCET®

Reg. No. L 7368 / N-AR 1300 Act/Wet No. 36 of/van 1947

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

paclobutrazol (triazole) / paklobutrasool (triasool)..... 250 g/l

Registration holder / Registrasiehouer:

UNIVERSAL CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07 Mpy. Reg. Nr.

P.O.Box / Posbus 801,

KEMPTON PARK, 1620

Tel. (011) 396 2233

CAUTION / VERSIGTIG**WARNINGS**

- Handle with care.
- Do not graze treated areas.
- Harmful when swallowed, inhaled or absorbed through the skin.
- May cause eye, nose, throat and skin irritation.
- Toxic to fish and aquatic organisms. Do not contaminate dams, rivers, lakes or any other water sources.
- Store in a cool, dry, well-ventilated place in the original container, tightly closed and store away from food, feeds, seed, fertilizers and other agricultural remedies.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry: Do not enter treated area until spray deposit has dried unless wearing protective clothing.

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, as well as by the method, time and accuracy of application. The registration holder further 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

- Avoid inhalation of the spray mist.
- Avoid eye and skin contact.
- Wear a face shield and rubber gloves when handling the product, preparing the spray mixture and during application.
- Do not eat, drink or smoke whilst mixing and applying the product or before washing hands and face and change of clothing.
- In case of eye contamination, rinse the eyes thoroughly with plenty of clean, water for at least 20 minutes, holding the eyelid(s) open. If irritation persists, obtain medical assistance immediately.
- Wash with soap and water immediately after use and accidental skin contact.
- Wash contaminated clothing after use.
- Prevent drift onto other crops, grazing, rivers, dams and areas not under treatment or to nearby water sources.
- Thoroughly clean spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- **TRIPLE RINSE** empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow draining 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 a third of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy the empty container by perforation and flattening and dispose of it in a safe way.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

USE RESTRICTIONS**General:****Soil drench & foliar applications:**

- Do not apply **AVOCET**[®] to trees under stress.
- Apply **AVOCET**[®] to healthy, actively growing trees **only**.
- Do not apply **AVOCET**[®] within 6 months to newly planted orchards.
- Be prepared to increase the levels of fertilizer required, as **AVOCET**[®] may increase the yield in certain crops.
- The symptoms of trace element deficiencies may be intensified by the use of **AVOCET**[®].
- Do not use **AVOCET**[®] as a soil drench for 3 years prior to grubbing an orchard, in order to avoid growth retardation in crops subsequently planted.
- Ensure all organic material has been removed, before applying the product around the base of each tree trunk.
- To obtain the required effects, rain or irrigation is required after application.

DIRECTIONS FOR USE: Use only as directed.**Compatibility:**

- Do not apply **AVOCET**[®] in a tank mixture with other products.

Mixing Instructions:

- Half fill the spray tank with clean water.
- Shake the **AVOCET**[®] container well before use.
- Add the required amount of **AVOCET**[®] to the water in the spray tank while stirring.
- **Replace the cap after use.**
- Fill the spray tank with water to the required level while maintaining agitation, to ensure thorough mixing.
- Maintain agitation while spraying.
- Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

Application:

- Calibrate the apparatus before application, to ensure that the correct dosage is applied. Ensure uniform distribution of the spray solution throughout the target area.

Method To Determine The Canopy Size:

- Measure the height and width of a minimum of 10 randomly chosen trees per block.
- Multiply the height with the width, measured for each tree, to calculate the canopy area in squared metres for each tree.
- Calculate the average canopy size for the block.

APPLICATION RATES

Crop and Use	Dosage rate	Remarks
Avocadoes Vegetative growth control	Soil Drench Application: Apply AVOCET [®] to irrigated orchards only. Do not apply AVOCET [®] as a soil drench to trees higher than 2.5 metres. Depending on the tree size and the occurrence of subsequent growth flushes, the effects of the application may be visible only 2 to 4 months after application. Refer also to “ Use Restrictions ” above. To determine the canopy size, refer to “ Method to Determine the Canopy Size ” above.	
	0.8 to 1.6 ml / m ² tree canopy	Initial treatment: Use the high dosage rate on trees growing vigorously and the lower dosage rate on trees growing less vigorously. Apply in 250 to 500 ml water as a soil drench around the trunk of the tree. AVOCET [®] applied in spring and early summer will only affect the growth flushes following the application. NOTE On cultivar Pinkerton, apply 0.8 ml AVOCET [®] per tree as an initial treatment. After the initial treatment, apply the follow-up treatments at yearly intervals.
	0.8 to 1.6 ml / m ² tree canopy	Follow-up treatments: Apply the follow-up treatments at yearly intervals. Use the high dosage rate on trees growing vigorously and the lower dosage rate on trees growing less vigorously. Apply in 250 to 500 ml water as a soil drench around the trunk of the tree. AVOCET [®] applied in spring and early summer will only affect the growth flushes following the application.
Fuerte and Hass Vegetative growth control	Foliar Application: For use on Fuerte and Hass . Consult the supplier for use of AVOCET [®] in other cultivars. Refer also to “ Use Restrictions ” above.	
	400 ml / 100 l water	Apply AVOCET [®] either at early to mid blossom with panicle enlargement or at early vegetative flush stage (ideally apply to new vegetative shoots when 2 to 4 cm long). Direct the spray to the new growth shoots. Fruit drop may be reduced when applying to the early summer flush. The uptake of AVOCET [®] will be enhanced when adding a wetting agent.
Litchis Vegetative growth control	Soil drench application: Apply AVOCET [®] to irrigated orchards only. Refer also to “ Use Restrictions ” above. To determine the canopy size, refer to “ Method To Determine The Canopy Size ” above.	
	0.8 to 1.6 ml / m ² tree canopy	Initial treatment: Use the high dosage rate on trees growing vigorously and the lower dosage rate on trees growing less vigorously. Apply in 250 to 500 ml water as a soil drench around the trunk of the tree. After the initial treatment, apply the follow-up treatments at yearly intervals.
	0.8 ml / m ² tree canopy	Follow-up treatments: Apply the follow-up treatment at yearly intervals. Apply in 250 to 500 ml water as a soil drench around the trunk of the tree.

Crop and Use	Condition of tree	Dosage rate	Remarks
Macadamias Vegetative growth control	Soil drench application: Apply AVOCET® to irrigated orchards only. Refer also to “ Use Restrictions ” above.		
	2 to 4 years old	4 to 8 ml / tree	Initial treatment: Apply in 250 to 500 ml water as a soil drench around the trunk of the tree. Uniform growth control can be achieved by a split treatment. Apply 4 ml AVOCET® in September and 4 ml AVOCET® in February. After initial treatment, apply the follow-up treatments at yearly intervals.
	5 to 7 years old	10 to 15 ml / tree	
	8 years and older	20 ml / tree	
	2 to 4 years old	4 ml / tree	Follow-up treatments: Apply the follow-up treatment at yearly intervals. Apply in 250 to 500 ml water as a soil drench around the trunk of the tree. Do not re-spray trees that show high growth suppression.
	5 to 7 years old	8 ml / tree	
8 years and older	10 ml / tree		
Mangoes Vegetative growth control	Soil drench application: Apply AVOCET® to irrigated orchards only. Refer also to “ Use Restrictions ” above. The use of AVOCET® may lead to earlier flowering and to an increase in number of panicles.		
	<u>Vigorous cultivars:</u> e.g. Tommy Atkins, Zill & Kent	16 ml / tree	Initial treatment: Apply in 250 to 500 ml water as a soil drench around the trunk of the tree. After initial treatment, apply the follow-up treatments at yearly intervals. <u>Early harvest areas:</u> For optimal results regarding growth control and early flowering in the following season, apply in late winter/early spring (July to September). <u>Mid to late harvest areas:</u> For optimal results regarding growth control in the following season, apply in late summer/early autumn (February to March).
	<u>Less vigorous cultivars:</u> e.g. Irwin & Sensation	8 ml / tree	
	<u>Vigorous cultivars:</u> e.g. Tommy Atkins, Zill & Kent	8 ml / tree	Follow-up treatment: Apply the follow-up treatment at yearly intervals. Apply in 250 to 500 ml water as a soil drench around the trunk of the tree. Do not re-spray trees that show high growth suppression. <u>Early harvest areas & mid to late harvest areas:</u> Refer to instructions described under “ Initial treatment ”.
<u>Less vigorous cultivars:</u> e.g. Irwin & Sensation	4 ml / tree		

Crop and Use	Condition of tree	Dosage rate	Remarks
<u>Pecan nuts</u> Vegetative growth control	<u>Soil drench application:</u> Apply AVOCET® to irrigated orchards only. Refer also to “ Use Restrictions ” above. The effects of AVOCET® treatments will only be visible during the following season.		
	3 to 7 years old	5 to 10 ml / tree	Initial treatment: Apply in 250 to 500 ml water as a basal drench around the trunk of the tree. Apply during October to November to all cultivars.
	8 years and older <u>Cultivars:</u> Choctaw & Wichita	30 to 40 ml / tree	Apply in 250 to 500 ml water as a basal drench around the trunk of the tree. Apply during spring to early summer.
	Burton, Ukulinga & Mohawk	30 ml / tree	
	Desirable, Bester & Marathon	20 ml / tree	
	Topworked trees	15 ml / tree	Apply in 250 to 500 ml water as a basal drench around the trunk of the tree. Apply after topworking during October to December in the year of topworking.
	3 to 7 years old	4 ml / tree	Follow-up treatments: After the initial treatment, apply the follow-up treatments at yearly intervals to all cultivars. Apply in 250 to 500 ml water as a soil drench around the trunk of the tree. Do not re-spray trees that show high growth suppression.
	8 years and older: <u>Cultivars:</u> Choctaw, Wichita, Burton, Ukulinga, Mohawk, Desirable, Bester & Marathon	8 ml / tree	
Topworked trees	8 ml / tree		
<u>Peaches & Nectarines</u> Vegetative growth control	<u>Soil drench application:</u> Summer and Winter rainfall areas: AVOCET® can be applied to all peach and nectarine cultivars. Refer also to “ Use Restrictions ” above.		
	Normal growth	4 ml / tree	Apply in 250 to 500 ml water as a soil drench around the trunk of the tree. Apply during early autumn months to all cultivars.
Strong vigorous growth	8 ml / tree		

Crop and Use	Condition of tree	Dosage rate	Remarks
Plums, Canning Peaches & Nectarines Vegetative growth control	High volume Foliar Application: Winter rainfall area only: Apply AVOCET® only to actively growing trees after they have reached full production age. Avoid spraying under hot conditions; rather spray in the early morning or evening. Vegetative control may only be visible where vegetative growth is excessive. Refer also to “Use Restrictions” above. A wetting agent may be added to the AVOCET® spray mixture to improve coverage. AVOCET® can be applied only to the following cultivars: <u>Plums:</u> Songold, Harry Pickstone & Casselman. <u>Canning Peaches:</u> Kakamas & Neethling. <u>Nectarines:</u> Armking, Flamekist, Panamint & Fantasia. Blossom may be advanced in Songold by the autumn spray. Ensure that Casselman (pollinator) is also sprayed in autumn. Do not apply thinning agents in Harry Pickstone plums.		
	After full production stage is reached on cultivars listed above	100 ml / 100 l water	Apply as a high volume full cover spray. Apply in autumn at the first signs of leaf drop or at bud swell up to white bud; (plum)/pink bud; (peaches & nectarines). Do not spray after white bud/pink bud.

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