

Read the label before opening the container.

For full particulars, see enclosed leaflet.

DEURBRAAK

South Africa Reg. No: L7255 Act No. 36 of 1947

Namibia Reg. No: N-AR 1191 Act No. 36 of 1947

A soluble concentrate plant growth regulator for delayed foliation in apples, pears, apricots, plums, kiwifruit, wine and table grapes as well as advancement of budding in sultana grapes.

ACTIVE INGREDIENT:

Cyanamide.....520g/ℓ

Product Information Tel No: 072 678 8226

In case of poisoning: 082 446 8946

www.envirobiochem.co.za

Expiry Date:

Batch No:

Date of Manufacture:

UN No. 2922

enviro
bio-chem

Registration holder:

Erintrade CC t/a RT Chemicals

Reg. No: CK 2001/036403/23

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**HARMFUL
SKADELIK**



WARNINGS:

- Handle with extreme care.
- Poisonous if swallowed, inhaled or comes in contact with skin.
- Can cause extreme eye and skin irritation.
- Toxic to fish, bees and wildlife.
- Keep out of reach of children, uninformed persons and animals.
- Store in a restricted area, away from food and feedstuffs, seed and other agricultural chemicals.
- Use only before budburst. Do not apply within 2 weeks of budburst on grapes.
- Store in a cool place (below 20°C).
- In case of poisoning call a physician and make this label available to him/her.

Although this remedy has been extensively tested under a wide 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 and the occurrence of resistance of the weed 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 product concerned due to failure of the user to follow the label instruction 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 face mask and protective clothing (overall, rubber boots and gloves) during mixing and applying.
- In case of accidental skin contact, wash thoroughly with soap and water.
- Wash contaminated clothing daily.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and change of clothing after use.
- Prevent contamination of feedstuff, food, eating utensils and drinking water.
- Prevent drift of spray mist onto other crops, grazing, rivers, dam or areas not under treatment.
- Rinse empty 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.
- Do not drink any form of alcohol 24 hours before, during and 24 hours after spraying of this product since alcohol increases the irritation effect of DEURBRAAK.

SYMPTOMS OF HUMAN POISONING:

Irritation of mucous membranes, redness of the face, vertigo, increased respiration, increased pulse rate and hypotension. Symptoms usually disappear after a short while but may last up to 24 hours in extreme cases. Symptoms are increased by the consumption of alcohol.

FIRST AID TREATMENT:

Remove person from source of poisoning and keep him/her still and reassured.

EYES: Flush eyes with copious amounts of water for at least 15 minutes.

SKIN: Remove contaminated clothing and shoes. Rinse contaminated body area thoroughly with plenty of soap and cold water. Do not rub skin.

INHALATION: Remove person to fresh air. If breathing is difficult give oxygen. If not breathing give artificial respiration.

INGESTION: Give one or two glasses of water or milk to drink. **Do not induce vomiting.**

NOTE TO PHYSICIAN:

No known antidote. Treat symptomatically.

DIRECTIONS FOR USE: Use only as directed.

Apply as a direct spray with complete coverage of buds where rest breaking is sought. Where applicable, apply after pruning.

COMPATIBILITY: DEURBRAAK is not compatible with insecticides or fungicides and should not be used in tank mixes with these products.

MIXING INSTRUCTIONS:

1. Make up solutions as indicated below by half filling the spray tank, with clean water then start agitation and add the required amount of DEURBRAAK. Fill with water to the required volume.
2. Use a hand gun or a knapsack sprayer equipped with D4 nozzles and 45 whirlplates. Spray at low pressure (<100 kPa).
3. For bearing trees, volumes of water should be determined by the tree row volume formula.

Apples: Volumes should not exceed 1 000ℓ/ha.

Apricots and Plums: Volumes should not exceed 750ℓ/ha.

Notes:

- i) Do not apply by brush, hand spray or sponge as this may lead to erratic results as well as uneven application.
- ii) Do not leave spray mixture to stand overnight.

CROP	DOSAGE/100ℓ WATER	REMARKS
TABLE AND WINE GRAPES (All cultivars) More even and increase in budding	5ℓ	Apply after pruning. Apply 3 to 4 weeks and not later than 2 weeks before normal bud burst. Sultanas: Do not apply later than 6 weeks before normal budding. <u>Notes:</u> 1. Do not use DEURBRAAK for accelerated budbreak where frost or a cold spell will damage young shoots or flowering.
SULTANAS Advancement of budding	5ℓ	2. Inconsistent results are possible where conditions do not favour delayed foliation.
APPLES 1 to 3 years More even and increase in budding	4ℓ	Apply approximately between 1 to 10 September.

CROP	DOSAGE/100ℓ WATER	REMARKS
Bearing Trees (Golden Delicious, Granny Smith, Royal Gala and Stark) more even and increase in budding	4ℓ	Apply 4 to 5 weeks prior to normal budburst. Note: Shoot damage may occur on young apples suffering from abnormal stress, as well as one year old shoots.
	or 0.5ℓ + 2ℓ winter oil	Apply 4 to 5 weeks before normal budburst.
PEARS Non-bearing trees	1ℓ Plus 2 - 4ℓ winter oil	Apply during the approximate period 20 to 30 August or 2 to 4 weeks before the expected bud burst.
Bearing trees (See the list of cultivars)	0.5ℓ Plus 2 - 4ℓ winter oil	Apply 4 to 6 weeks before the expected full bloom taking into account any unusually low cold units where applications must only be made at the first signs of knobs on the buds. NB: Variable results are possible on trees that are abnormally stressed during application.
APRICOTS Bearing trees More even and increase in budding	1.5ℓ	Apply 4 to 5 weeks before normal budburst.
PLUMS Bearing trees More even and increase in budding	1.5ℓ	Apply 4 to 5 weeks before normal budburst or 5 to 6 weeks before full budding.
KIWI FRUIT For a more even and increased bud	5ℓ	Apply after pruning 4 to 5 weeks before normal bone.

DEURBRAAK CAN BE USED ON THE FOLLOWING CULTIVARS:

Apples:	1 – 3 years	Pink Lady, Granny Smith, Braeburn, Royal Gala, Golden Delicious, Topred, Smoothee, Starking.
Apples:	Bearing Trees	Pink Lady, Golden Delicious, Granny Smith, Royal Gala, Starking, Fuji.
Pears:		Packhams Triumph, Bon Chretien, Deyenne Du Comice, Beurre Bosc, Flamigo and Rosemary.
Apricots:		Bulida, Imperial, Peeka, Royal.
Plums:		Simka, Songold, Casselman, Redgold, Eldorado, Santa Rosa, Reubenel, Gaviota, Leatitia.
Grapes:	Table	Waltham Cross, Barlinka, Dan Ben Hannah, Alphonse Lavalle, Sultanina.
Grapes:	Wine	Muscat d' Alexandrie, Chenin Blanc, Colombar, Riesling (Cape), Cinsaut, Cabernet Sauvignon, Chardonnay, Shiraz, Sauvignon Blanc, Zinfandel, Weisser Riesling.