Read the label before opening the container. For full particulars, see enclosed leaflet.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

PROXIX

South Africa Reg. No: L7668 Act No. 36 of 1947

IRAC INSECTICIDE GROUP CODE: 7C

An emulsifiable concentrate stomach and contact insecticide with insect growth regulatory activity for the control of larval/nymphal stages of citrus red scale in citrus and mango scale in mangoes.

ACTIVE INGREDIENT:

Pyriproxyfen (phenylether).....100g/ℓ

Product Information: 072 678 8226
In case of poisoning: 082 446 8946

HAZARD STATEMENTS

- Combustible liquid.
- Causes skin irritation.
- Causes serious eye damage.
- May cause respiratory irritation.
- May cause drowsiness or dizziness.
- May cause damage to organs through prolonged or repeated exposure.
- May be fatal if swallowed and enters airways.
- Toxic to aquatic life with long lasting effects.



DANGER

PRECAUTIONARY STATEMENTS

- Do not eat, drink, or smoke when using this product.
- Wash hands, forearms, and face thoroughly after handling.

enviro™ bio-chem

Registration holder: Erintrade CC t/a RT Chemicals
Co. Reg. No: CK2001/036403/23
44 Kerk Street, Lichtenburg NW, South-Africa
Tel: +27 12 006 0063 | Fax: +27 86 541 7948
Web: www.envirobiochem.co.za

Expiry Date:
Batch No:
Date of Manufacture:

UN No. 3082

WARNINGS:

Withholding Period: The minimum number of days between the last application and harvest.

Citrus	90 days
Mangoes	60 days

- Combustible liquid.
- Causes skin irritation.
- Causes serious eye damage.
- May cause respiratory irritation.
- May cause drowsiness or dizziness.
- May cause damage to organs through prolonged or repeated exposure.
- May be fatal if swallowed and enters airways.
- Toxic to aquatic life with long lasting effects.
- Toxic to fish.
- Keep out of reach of children, uninformed persons and animals.
- Store away from food and feedstuffs.
- FLAMMABLE – do not store or handle near open flame.

Re-entry: Do not enter the treated field within 1 day after application 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 effected by factors such as abnormal soil, climactic and storage conditions; quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pest against the remedy concerned as well as by the method, time and accuracy of the 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 that could not have been foreseen in terms of the registration. Consult the supplier in event of any uncertainty.

PRECAUTIONS:

- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
- Keep container tightly closed
- Avoid breathing mist/spray.
- Wash hands, forearms, and face thoroughly after handling
- Do not eat, drink, or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF exposed or concerned: Get medical advice/attention.
- Call a POISON CENTER or doctor/physician if you feel unwell.
- Take off contaminated clothing and wash before reuse.
- Store in a well-ventilated place. Keep cool.
- Prevent contamination of food, feedstuff, eating utensils and drinking water.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams of areas not under treatment.
- Clean the spray equipment after use and dispose of the wash water where it will not contaminate crops, grazing or any water source.
- Triple rinse empty container 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 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 content of the spray tank. Empty containers should be taken for local recycling or waste disposal. Do not re-use empty containers.

RELEVANT SUBSTANCES:

Pyriproxyfen 11 %
Xylene < 80 %
Polyoxyethylene nonylphenol ether < 15 %

FIRST AID TREATMENT:

INHALATION: Remove person to fresh air and keep comfortable for breathing.
INGESTION: Immediately call a POISON CENTER/doctor/physician
SKIN CONTACT: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
If skin irritation occurs: Get medical advice/attention.
EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
If eye irritation persists: Get medical advice/attention.

RESISTANCE WARNING:

For resistance management **ProXiX** is a **group code 7C** insecticide. Any insect population may contain individuals naturally resistant to **ProXiX** and other **group code 7C** insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly.
ProXiX or any other **group code 7C** insecticide may not control these resistant insects.
To delay insecticide resistance:

- Avoid exclusive repeated use of insecticides from the same insecticide group code.
- Alternate or tank mix with products from different insecticide group codes.
- Integrate other control methods (chemical, cultural, biological) into insect control programmes.

For specific information on resistance management contact the registration holder of this product.

USAGE RESTRICTIONS:

Thorough spray coverage of the tree creates more effective control.
Use treatments in conjunction with good ant control.
Do not spray when temperatures are above 30°C.
The addition of mineral oil in citrus and mangoes may affect yield and colouring, therefore restrict application in this instance to healthy, well-irrigated orchards.

RELEASE OF BIOLOGICAL CONTROL AGENTS:

Hymenoptera scale parasitoids, *Aphytis holoxanthus* and *A. lingnanensis*, can be released in orchards immediately following treatment with **ProXiX**.
The Coccinelid mealybug predator, Cryptolaemus montrouzieri, can be released into the orchard 45 days after application of **ProXiX**.

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

ProXiX is compatible with spray oils, benomyl and mancozeb.

Mixing Instructions:

Half fill the spray tank with clean water, then start agitation and add the required amount **ProXiX** followed by the required amount of oil. Ensure thorough mixing. Make up to the required volume with water. Maintain agitation while spraying. The spray mixture must not be left overnight.

Application Instructions:

Apply as a full cover spray. Ensure the entire tree (trunk, branches, leaves, fruit) is thoroughly covered by the spray solution.
The number of treatments required to prevent citrus red scale movement varies depending on scale density, which can be ascertained by regular orchard inspection.

CROP/AREA/SITUATION	DOSAGE per 100ℓ water	REMARKS
CITRUS Red Scale	Negligible scale on fruit the previous summer and at harvest and live scale difficult to find on the tree framework.	
Limpopo Province, Mpumalanga Lowveld, North West Province, Northern Cape	**Preventative:** **1st Spray:** 30mℓ **ProXiX** + 300mℓ mineral oil	Apply as full cover spray as soon as movement noticed (usually at bud burst), but not before 15 August.
A. Red Scale under Commercial Control Multiple Applications	**2nd Spray:** 30mℓ **ProXiX** + 200mℓ mineral oil	Apply as a full cover spray at 80 to 100% petal drop or shortly thereafter (5 to 8 weeks after the first spray).
OR Single Application	**OR** **Maintenance:** 30mℓ **ProXiX** + 200mℓ mineral oil	Following a season of multiple applications resulting in a commercially clean orchard. Apply as a full cover spray at 80 to 100% petal drop or shortly thereafter. Only use this application if there are no harsh thripicides in the spray programme. Scout orchards thoroughly and apply oil sprays if necessary.
B. Red Scale not under commercial control Apply 3 sprays	Scale densities vary from moderate infestations on the frame work and crop to infestations where the trees are in a state of terminal decline.	
	1st spray: 30mℓ **ProXiX** + 300mℓ mineral oil	Apply as a full cover spray as soon as crawler movement is noticed (usually at bud burst) but not before 15 August.
	2nd spray: 30mℓ **ProXiX** + 200mℓ mineral oil	Apply as a full cover spray at 80 to 100% petal drop or shortly thereafter.
	3rd spray: 30mℓ **ProXiX** + 300mℓ mineral oil	Apply as a full cover spray in late November or early December.
Eastern Cape & Western Cape A. Scale under Commercial Control Multiple Applications	Negligible scale on fruit and at harvest the previous season and live scale difficult to find on tree framework.	
	1st spray: 30mℓ **ProXiX** + 200mℓ mineral oil	Apply as a full cover spray as soon as the first crawler movement is noticed usually 50 to 100% petal drop or shortly thereafter.
	2nd spray: 30mℓ **ProXiX** + 500mℓ mineral oil	Apply as a full cover spray in December to early January.
OR Single Application	**OR** **Maintenance:** 30mℓ **ProXiX** + 200mℓ mineral oil	Only use following a season of multiple applications of **ProXiX** resulting in a commercially clean orchard. Apply as a full cover spray at 80 to 100% petal drop or shortly thereafter. Only use this application where no harsh thripicides are included in the spray programme. Scout orchards thoroughly and apply oil sprays if necessary.

CROP/AREA/SITUATION	DOSAGE per 100ℓ water	REMARKS
B. Scale not under Commercial Control Apply 3 sprays	Scale densities can vary from a moderate infestation on the framework and crop to infestation where trees are in a place of terminal decline.	
	1st spray: 30mℓ **ProXiX** + 300mℓ mineral oil	Apply as a full cover spray when first crawler movement is noticed or in August.
	2nd spray: 30mℓ **ProXiX** + 200mℓ mineral oil	Apply as a full cover spray at 80 to 100% petal drop, or shortly thereafter.
	3rd spray: 30mℓ **ProXiX** + 500mℓ mineral oil	Apply as a full cover spray in December or January.
MANGOES Mango Scale	50mℓ **ProXiX** **OR** 30mℓ **ProXiX** + 200mℓ medium spray oil	Apply as a single full cover spray after flowering in October. Refer “Restrictions on Use”.