

INSECTICIDE

CLOPRID

Registration No. L11194 – ACT 36 OF 1947



Member of the PLENNEGY GROUP

KOMBAT CLOPRID is a systemic suspension concentrate insecticide for the control of aphid, red scale, thrip, leaf miner and psylla on citrus trees; aphids on potatoes, cucurbits, tobacco and roses; tobacco slug on tobacco and whitefly on tomatoes.

Active Ingredient:


Imidacloprid (chloro-nicotinyl) 350 g/l

Registration Holder:

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	HAZARD STATEMENT	PRECAUTIONARY STATEMENT
 <p>WARNING</p>	<ul style="list-style-type: none"> Harmful if swallowed. May cause damage to organs (kidneys) through prolonged or repeated exposure via oral route. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. 	<ul style="list-style-type: none"> If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read carefully and follow all instructions. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment if this is not the intended use. IF SWALLOWED: Get medical help. Get medical help if you feel unwell. Collect spillage. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

SYMPTOMS OF POISONING

Very high oral exposures may lead to lethargy, vomiting, diarrhoea, salivation, muscle weakness and ataxia. There can also be cardiorespiratory symptoms.

FIRST AID TREATMENT

General information: When in doubt or if symptoms are observed, get medical advice. Call a POISON CENTER/doctor if you feel unwell.

Following inhalation: No special measures are necessary. Provide fresh air.

Following skin contact: Wash with soap and water.

Following eye contact: Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

Following ingestion: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Seek medical attention.

NOTE TO PHYSICIAN

Treat symptomatically.

RELEVANT SUBSTANCE	CONCENTRATION (%)
Imidacloprid	
CAS N°	138261-41-3 25 - 50 %
Monoethylene glycol (MEG)	
CAS N°	107-21-1 2.5 - 10 %

PLEASE READ THE LABEL BEFORE USE

DIRECTIONS FOR USE

Use only as indicated.

WITHOLDING PERIODS

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

Citrus:	212 days
Cucurbits:	100 days
Potatoes:	120 days
Tobacco:	70 days
Brussels sprouts:	91 days
Broccoli:	76 days
Tomatoes:	23 days

NOTE:

The recommended withholding period between last application and harvest meets local residue requirements but may not meet export requirements. If the treated crop is intended for the export market, consult the relevant exporting body before application of the product with regard to pre-harvest interval requirements.

PRECAUTIONS FOR POLLINATORS

- Do not apply when adjacent fields are flowering.
- All flowering weeds must be removed before making an application by either mowing, disking, mulching, or applying a registered herbicide.
- DO not place hives in a treated field.
- Do not apply when honeybees are active and prevent drift onto adjacent crops where honeybees may be active.

RESISTANCE WARNING

For resistance management KOMBAT CLOPRID is a group code 4A Insecticide. Any insect population may contain individuals naturally resistant to KOMBAT CLOPRID and other group code 4A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by KOMBAT CLOPRID or any other group code 4A insecticides.

To delay insecticide resistance:

- Avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate with products from different insecticide group codes.
- Do not apply KOMBAT CLOPRID or any product that belongs to the same chemical group more than once per year on citrus (bearing, non-bearing and nursery trees).
- Integrate other control methods (chemical, cultural, biological) into insect control programs. For specific information on resistance management contact the registration holder of this product.

DISCLAIMER

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 the effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, compatibility with other substances not indicated on the label and the occurrence of resistance of the pest against the remedy concerned as well 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 the 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.

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CONTROLS AND PROTECTS

CLOPRID

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DIRECTIONS FOR USE

Use only as indicated!

Compatibility:

The compatibility of KOMBAT CLOPRID with other agrochemicals is unknown.

Mixing Instructions:

- Pour the required quantity of KOMBAT CLOPRID into the water while agitating.
- Do not allow the KOMBAT CLOPRID mixture to stand any length of time before using.
- Do not use brackish water.

Use only as indicated!

Volume: A spray mixture volume of 30 ℓ per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.

Droplet coverage: 25 to 35 droplets per cm² must be recovered at the target area.

- Droplet size: A droplet spectrum with a VMD of 280 to 300 microns is recommended. Limit the production of fine droplets less than 150 microns (high drift and evaporation potential) to a minimum.
- Flying height: Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when aircraft dives, is in a climb or when banking.
- Use suitable atomising equipment that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomisers within the inner 60 to 75 % of the wingspan to prevent droplets from entering the wingtip vortices.
- The difference in temperature between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8°C.
- Stop spraying if the wind speed exceeds 15 km/h.
- Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
- Spraying under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80 % and above) may lead to the following:
 - reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
 - damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.
- Ensure that the Aerial Spray Operator knows exactly which fields to spray.
- Obtain an assurance from the Aerial Spray Operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

APPLICATION DOSAGE RATES

CROP / PEST	DOSAGE RATE	REMARKS
CITRUS		
Bearing Trees not older than 15 years (excluding Kumquat)	9 mℓ/tree	Soil drench: Apply during August/September at green tip to white bud growth stage of the trees. Dilute in 1 litre water and apply around the base of the trunk with a jug. Irrigate within 24 hours after application. When used on lemon trees apply only after removal of all fruit (including immature fruit). With lemons control can only be expected on the first fruit set after application.
Aphid (Toxoptera citricidus), Red scale (Aonidiella aurantii) & Psylla (Trioza erythrae)		
Aphid (Toxoptera citricidus)	6 mℓ/tree	

Non-bearing Trees		
Aphid (Toxoptera citricidus)	6 mℓ/tree	Soil drench: Apply during August/September. Dilute in 1 litre water and apply around the base of the trunk with a jug. Irrigate within 24 hours after application.
Leaf miner (Phyllocnistis citrella)	8 mℓ/tree	
Nursery Trees		
Aphid (Toxoptera citricidus) & Leaf miner (Phyllocnistis citrella)	1,5 mℓ/seedling	Soil drench: Dilute in 200 mℓ water and apply 2 days after transplanting of the grafted root stock seedlings into plastic bags. Ensure that the KOMBAT CLOPRID application does not take place prior to grafting.
Thrip (Scirtothrips aurantii)	3,0 mℓ/seedling	

NOTES:

- Trees should be healthy, stress free and regularly irrigated before and after application.
- Do not apply the soil drench treatment through the irrigation system.
- Do not apply to trees immediately after pruning.

CUCURBITS	200 mℓ/100 ℓ water	Apply 30 mℓ of the mixture per planting hole during planting or immediately after planting. Should aphids appear later in the season, apply additional sprays with suitable registered products.
ROSES		
Aphids (Macrosiphum rosae & Metopolophium porosum)	0,5 mℓ/plant (for 4 to 6 weeks control)	Soil drench: Apply as a soil drench in spring or at the first signs of infestation. Mix 5 mℓ KOMBAT CLOPRID with 10 litres water and apply 1 litre of this mixture on the soil around the base of the stem of each plant. Irrigate within 24 hours after application.
	1,0 mℓ/plant (for season-long control)	Soil drench: Apply as a soil drench in spring. Mix 10 mℓ KOMBAT CLOPRID with 10 litres water and apply 1 litre of this mixture on the soil around the base of the stem of each plant. Irrigate within 24 hours after application. Follow-up applications may be necessary, depending on the amount of rainfall or irrigation and soil type.
POTATOES		
Aphid (Myzus persicae)	4,5 mℓ/100 m row length	Spray the KOMBAT CLOPRID mixture in the planting furrow from ridge tip to ridge tip before planting of the tubers. Use a 8006 or 8008 flat fan nozzle and apply in 3 to 4 liters water per 100 metre furrow length. The application may also be made after planting but before emergence over the row. Irrigate immediately afterwards with ± 15 mm water. KOMBAT CLOPRID may also be used in a tank mixture with fenamiphos 400 EC or pencycuron 250 SC or with both for the simultaneous control of aphids, Rhizoctonia and nematodes.
	3,0 mℓ/100m row length	When KOMBAT CLOPRID is mixed with fenamiphos 400 EC, the KOMBAT CLOPRID dosage can be reduced to 3,0 mℓ per 100 metres row length. Warning: when the above-mentioned mixtures are applied, the application should be in such a manner that the tubers are not covered by the spray mixture containing KOMBAT CLOPRID. Apply in the open furrow before planting of the tubers.

CROP / PEST	DOSAGE RATE	REMARKS
TOBACCO		
Aphid (Myzus persicae) & Tobacco slug (Lema bilineata)	72 mℓ/100 ℓ water	Apply 30 mℓ of the mixture per plant in the transplanting water or apply 30 mℓ of the mixture as a drench to the base of the plant at transplanting.
NOTE: Do not apply onto the crown (growth point) of the plant. Slug will be controlled for up to 8 weeks after treatment. Should it become a problem hereafter, apply other registered pesticides for its control.		
TOMATOES		
Whitefly nymph (Trialeurodes vaporariorum)	0,05 mℓ/plant	Soil drench: Apply as a soil drench, 1 day after transplanting. Mix 10 mℓ KOMBAT CLOPRID with 20 litres water and apply 100 mℓ of this mixture to the soil around the base of the stem of each plant. Irrigate within 24 hours after application. Repeat application 28 days later.
For use on tomatoes in enclosed areas only, e.g. glass houses, tunnels, etc.		