

[Sales Panel]

For further information see attached pamphlet
Vir verdere inligting sien aangehegte pamflet

STARSHIP™ 750 WDG

Reg. No. / Nr. L11216, Act No. / Wet Nr. 36 of/ van 1947

READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

A water dispersible granule insecticide for the control of pests as indicated on the label.

'n Water disperseerbare korrel insekdoder vir die beheer van plae soos aangedui op die etiket.

GROUP/GROEP	4A	INSECTICIDE / INSEKDODER
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ACTIVE INGREDIENT:

AKTIEWE BESTANDDEEL:

Thiamethoxam (neonicotinoid).....750 g/kg..... Tiametoksam (neonikotinoïed)

MASS

Kg

MASSA



WARNING

GHS Hazard Statements

Harmful if swallowed.
May be harmful in contact with skin
Harmful if inhaled
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
Suspected of damaging fertility or the unborn child.
Very toxic to aquatic life
Toxic to aquatic life with long lasting effects

GHS Precautionary Statements

Collect spillage.
Wash hands thoroughly after handling.



REGISTRATION HOLDER / REGISTRASIEHOUER:

AECI® Limited / AECI® Beperk

Reg. No. / Nr. 1924/002590/06

P.O. Box / Posbus 14418

Witfield, 1467

Tel : (011) 823 8000

www.aeciph.com/www.aeciworld.com

STARSHIP™ is a pending trademark of AECI® Limited / 'n hangende handelsmerk van AECI® Beperk.

IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL 0861555777 / 082 446 8946

Batch No:

Lotnommer:

Date of manufacture:

Datum van vervaardiging:

UN No. / VN Nr. 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S (Thiamethoxam)

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IN CASE OF CROPS GROWN FOR LOCAL CONSUMPTION ALLOW THE FOLLOWING NUMBER OF DAYS BETWEEN THE LAST APPLICATION AND HARVESTING OR GRAZING.

Apples	119 DAYS
Citrus	176 DAYS
Mangoes	130 DAYS
Tomatoes	28 DAYS
Wheat & Barley	28 DAYS

NOTE: Compliance with these withholding periods will ensure that residues do not exceed local Maximum Residue Limits (MRL's), but the import tolerances of other countries might possibly be exceeded. If the crop to be treated is intended for export, consult the relevant importer or exporting body regarding the use of this product, Maximum Residue Limits and recommended withholding periods.

Handle product with care.

Very toxic to bees, fish and other water organisms. **Do not** apply onto crops as a foliar spray when honey bees are present. Prevent drift onto surrounding crops/areas when honeybees may visit flowering plants.

Store under lock and key in a cool, dry place, away from food, feeds, seed and fertilizers. 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. In case of poisoning – CALL A DOCTOR AND MAKE THIS LABEL AVAILABLE TO HIM/HER.

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 AND THE OCCURRENCE OF RESISTANCE OF THE PESTS AGAINST THE REMEDY CONCERNED, AS WELL AS THE METHOD, TIME AND ACCURACY OF APPLICATION. THE REGISTRATION HOLDER FURTHER MORE 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 THE EVENT OF ANY UNCERTAINTY.

PRECAUTIONS:

GHS Precautionary Statements

Avoid breathing dust/fume/gas/mist/ vapours/spray.

Wash hands thoroughly after handling.

Wash hands thoroughly after handling. Do not touch eyes.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace.

Avoid release to the environment.

IF SWALLOWED: Get medical help.

IF ON SKIN: Get medical help.

IF ON SKIN: Wash with plenty of water.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical help.
 Rinse mouth.
 If skin irritation occurs: Get medical help.
 Take off contaminated clothing and wash it before reuse
 Collect spillage.
 Dispose of contents/container in accordance with local/regional/national/international regulations.
 Obtain, read and follow all safety instructions before use.
 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 IF exposed or concerned, get medical advice.
 Store locked up

- Avoid eye and skin contact.
- Wash with soap and water after use and after accidental skin contact.
- Prevent contamination of food and feed, drinking water and eating utensils.
- Prevent spray drift onto other crops, grazing, rivers, dams or areas not under treatment.
- Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- Shake all the pesticide formulation of the container into the spray or mixing tank or if it is directly dispensed onto treatment areas, over the area. Turn the bag or box inside out. Hold the bag over the spray or mixing tank or treatment area and rinse bag or box with running water for thirty seconds. Shake the rinsate off into the tank. Repeat the rinsing twice. Cut the bag or box into pieces and dispose of via normal refuse disposal. Do not burn, bury or donate the bag or box to any other parties that may use it as a container for food.

RELEVANT SUBSTANCES

Substance name (IUPAC/EC)	CAS –No.	Concentration % By weight
	EC-No.	
Thiamethoxam	153719-23-4	75%
	428-650-4	
Others to 100%		

NOTE: The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **STARSHIP 750 WDG** and are therefore, in terms of the South African Regulations for Hazardous Chemical Agents - 2021; Regulation 14(b), not listed.

FIRST AID TREATMENT:

In case of inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms occur.

In case of skin contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation occurs.

In case of eye contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

In case of ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if you feel unwell.

NOTE TO PHYSICIAN:

Treat symptomatically.

RESISTANCE WARNING:

STARSHIP 750 WDG is a Group Code 4A insecticide. Any insect population may contain individuals naturally resistant to **STARSHIP 750 WDG** and other Group Code 4A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly and exclusively in programs. These resistant insects may not be controlled by **STARSHIP 750 WDG** or any other Group Code 4A insecticide.

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

MODE OF ACTION:

Thiamethoxam (neonicotinoid) is an agonist of the nicotinic acetylcholine receptor, affecting the synapses in the insect central nervous system.

USE RESTRICTIONS:

APPLES:

- Only apply **STARSHIP 750 WDG** as a soil drench treatment where a micro irrigation system is used.
- Only apply **STARSHIP 750 WDG** to actively growing and healthy trees.

CITRUS:

- Only apply **STARSHIP 750 WDG** as a soil drench treatment where a micro irrigation system is used.
- Only apply **STARSHIP 750 WDG** to vigorously growing, stress free and healthy trees with well- developed root systems.
- Soils with high clay content (above 25 %) may adversely affect the efficacy of **STARSHIP 750 WDG**.
- Factors that limit optimal sap flow in the trees (such as drought, stress, bent branches, etc) can reduce the efficacy of **STARSHIP 750 WDG**.
- Sub-optimal control of red scale control may be obtained on a branch or side shoot in a tree, despite a **STARSHIP 750 WDG** application.
- **Do not** apply **STARSHIP 750 WDG** on lemons or limes.

VINES:

- Only apply **STARSHIP 750 WDG** as a drench application.
- **STARSHIP 750 WDG** must not be applied through the irrigation system.
- **STARSHIP 750 WDG** can be applied to dry land and irrigated grapes.
- Apply **STARSHIP 750 WDG** within one month after harvest.
- Soils with high clay content (above 25 %) may adversely affect the efficacy of **STARSHIP 750 WDG**.
- Factors that limit optimal sap flow in the trees (such as drought, stress, bent branches, virus infections, old plantings etc) can reduce the efficacy of **STARSHIP 750 WDG**.

MANGOES:

- **STARSHIP 750 WDG** may provide variable control of Mango scale on some fruit.

- Apply **STARSHIP 750 WDG** to healthy, actively growing trees only.
- Only apply **STARSHIP 750 WDG** as a soil drench application where micro or drip irrigation system is used. **Do not** apply under dry land conditions. Dysfunctional irrigation systems will reduce the effectiveness of a **STARSHIP 750 WDG** treatment.

TOMATOES:

- Do not apply **STARSHIP 750 WDG** soil drenches more than two (2) times per crop season.
- Alternate **STARSHIP 750 WDG** applications with Whitefly remedies from a different chemical mode of action class for RESISTANCE MANAGEMENT.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

COMPATIBILITY:

STARSHIP 750 WDG is compatible with any registered surfactant containing a polymer/vegetable oil.

The compatibility of **STARSHIP 750 WDG** may be influenced by several factors. As factors influencing compatibility may vary, a physical compatibility test must always be performed before such a tank mixture is sprayed. In case of uncertainty contact the registration holder.

When **STARSHIP 750 WDG** is used in conjunction with any other agricultural remedy, adhere to all **WARNINGS, PRECAUTIONS and DIRECTIONS FOR USE** mentioned on that label.

MIXING INSTRUCTIONS:

Half fill the spray tank with clean water. Prepare slurry of the **STARSHIP 750 WDG** to be added to the spray tank in a suitable container, ensuring that the entire product has dispersed. Add the mixture to the water while stirring.

Fill the spray tank with water to the required level, while maintaining agitation to ensure thorough mixing.

Maintain agitation during application. It is important to prepare spray mixtures that will be applied soon after mixing only. Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

Do not use brackish water.

APPLICATION PROCEDURES & TECHNIQUES

Ground application:

Apply in 200 to 300 litres water per hectare with a correctly calibrated sprayer that is in good working condition, to ensure that the correct dosage is evenly distributed over the target area.

Ensure complete coverage of plants. Plants with higher leaf surface area index will require higher spray volumes to obtain complete coverage.

Drench application:

Ensure a clean soil surface, i.e. remove all weeds and plant debris under the tree. Prepare a well around the trunk. Apply around the entire base of the trunk. In the case of mangoes, apply at the drippers.

Irrigate within 24 hours after application to ensure that the product is drenched into the soil. Movement of the product into the soil will be promoted if the soil is slightly damp. Apply and incorporate **STARSHIP 750 WDG** into the soil before application of any fertilizer.

APPLICATION TABLE:

CROP & PEST	DOSAGE	REMARKS
APPLES Woolly Apple Aphid (<i>Eriosoma lanigerum</i>)	1 g / tree	Refer to “ USE RESTRICTIONS ” and “ APPLICATION TECHNIQUES ” above. Drench application: Start with treatment during the last half of September. Mix in a jug with 1 litre of water and apply per 1 tree.
CITRUS Red Scale (<i>Aonidiella aurantii</i>)	6 g / tree	Drench application: Start with treatment from mid- August to mid- September (when trees are in the green bud to white bud stage). For optimal results, apply treatments 4 to 6 weeks prior to the first crawler movement. Mix in a jug with 1 litre of water and apply per 1 tree. Refer to “ USE RESTRICTIONS ” and “ APPLICATION TECHNIQUES ”.

GRAPES Table & Wine grapes Mealybug (<i>Planococcus ficus</i>)	0.4 g/plant 0.5 to 1.0 ℓ water	Refer to “ USE RESTRICTIONS ” and “ APPLICATION TECHNIQUES ” above. Drench as a single application around the base of each vine in 500 ml water. Under dry land conditions and in sandy soils, the water volume can be increased to 1 litre mixture per vine.
MANGOES Mealybug (<i>Planococcus citri</i> , <i>Pseudococcus longispinus</i> , <i>Nipaecoccus viridis</i>) Mango Scale (<i>Aulacaspis tubercularis</i>) Mango seed Weevil (<i>Sternochetus mangiferae</i>)	2 g/tree	Refer to “ USE RESTRICTIONS ” above. Control of the pests mentioned depends on effective translocation of the product within the tree. STARSHIP 750 WDG efficiency is affected adversely by factors that inhibit translocation (e.g. old re-worked trees or trees under stress such as during drought or flooded conditions). Mix with 1 litre water and apply with a jug as a soil drench. Commence with application from the last week in July until middle August. Apply as indicated below, depending on the irrigation system: Drip irrigation - apply the product directly under the dripper. In orchards with two (2) drippers per tree - divide the application volume in two (2) equal parts and apply one half under each dripper. Micro irrigation - apply product around the base of the stems.
NOTE Depending on conditions, variable control of Mango scale may be obtained. Refer to “ USE RESTRICTIONS ” above.		
TOMATOES Whiteflies (<i>Trialeurodes vaporariorum</i> , <i>Bemisia tabaci</i>)	0.01 g/plant	Apply as a soil drench around the stem base in 50 ml water per plant at transplant or shortly afterwards. Irrigate within 24 hours after application. In cases of high Whitefly pressure, repeat application 28 days later.
WHEAT AND BARLEY Wheat Aphid (<i>Schizaphis graminum</i>) Oat Aphid (<i>Rhopalosiphum padi</i>) Brown Wheat Ear Aphid (<i>Sitobion avenae</i>) Russian Wheat Aphid (<i>Diuraphis noxia</i>)	100 g / ha PLUS a registered adjuvant containing polymer /vegetable oil at 50 ml / 100 ℓ water)	Apply when pest is noticed and repeat when necessary. Apply a maximum of three (3) applications, at 4 week intervals. Best results are obtained when the crop is growing actively. Do not apply later than ear emergence stage (Zadoks Growth Stage [GS] 50). Aphids on plants under stress due to e.g. drought or flooded conditions will not be controlled effectively.