



Insecticide

CONFLICT 19.2 EC

Reg. No. L 11361 Act No. 36 of 1947

2: 20/2/2023 – March 2023

An emulsifiable concentrate insecticide with stomach action for the control of insects on crops as listed.

ACTIVE INGREDIENT

emamectin benzoate
(avermectin)

19.2 g/l

GROUP

6

INSECTICIDE



DANGER

Hazard Statements:

- May be harmful if swallowed or in contact with skin.
- May be fatal if swallowed and enters airways.
- Causes skin irritation.
- Causes serious eye damage.
- May damage the unborn child.
- Causes damage to organs.

Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

Avoid release into the environment. Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.



UN Number: 3082

Registration holder: UNIVERSAL CROP PROTECTION (PTY) LTD.
 Co. Reg. No. 1983/008184/07
 P.O. Box 801, Kempton Park, 1620
 Tel. (011) 396 2233
 Website: www.villacrop.co.za

24 HR EMERGENCY NUMBERS:

Griffon Poison Centre: +27 82 446 8946
 24 HR Transport / Spill Emergency no: (Hazcall24) +27 86 044 4411
 (Client: Villa Crop Protection)

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

DIRECTIONS FOR USE ENCLOSED

Batch Number:
Date of Manufacture:

CONFLICT 19.2 EC

Reg. No. L 11361 Act No. 36 of 1947

IRAC INSECTICIDE GROUP CODE: 6

ACTIVE INGREDIENT:

emamectin benzoate (avermectin) 19.2 g/l

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UNIVERSAL CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07

P.O. Box 801, KEMPTON PARK, 1620

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WARNINGS**Withholding periods:**

Minimum time between the last application and harvest or feeding:	
Canola	7 days
Wheat	7 days
Barley	14 days
Maize (including Sweetcorn)	21 days
Soybeans	14 days

NOTE

THE MAXIMUM RESIDUE LEVELS (MRL'S) WILL NOT BE EXCEEDED PROVIDED APPLICATIONS ARE MADE AS HEREWITH PRESCRIBED. WHEN THE CROP IS DESTINED FOR THE EXPORT MARKET, THE INSTITUTION OF CONCERN MUST BE CONTACTED PRIOR TO THE USE OF CONFLICT 19.2 EC IN A SPRAY PROGRAMME.

Hazard statements:

May be harmful if swallowed or in contact with skin.
May be fatal if swallowed and enters airways.
Causes skin irritation.
Causes serious eye damage.
May damage the unborn child.
Causes damage to organs.
Causes damage to organs through prolonged or repeated exposure.
Very toxic to aquatic life with long lasting effects.

- Handle with care.
- **Toxic to Bees.**
- Store in a cool, dry, well-ventilated place in the original container, tightly closed and secured.
- Store under lock and key, 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 within one (1) day after treatment unless wearing protective clothing.
- **In case of poisoning immediately 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. 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 to the remedy concerned, 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

Precautionary statements:

Obtain, read and follow all safety instructions before use.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not breathe fume, mist, vapours, or spray.
Wash hands thoroughly after handling. Do not touch eyes.
Do not eat, drink or smoke when using this product.
Avoid release into the environment.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF SWALLOWED: Get emergency medical help immediately.
IF ON SKIN: Wash with plenty of water and non-abrasive soap. Get medical help.
IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.
IF exposed or concerned: Get emergency help immediately.
IF exposed or concerned, get medical advice.
Get medical help if you feel unwell.
Do NOT induce vomiting.
If skin irritation occurs: get medical help.
Take off contaminated clothing and wash it before reuse.
Collect spillage.
Store in a well-ventilated place.
Store locked up.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Do not handle until all safety precautions have been read and understood.
- Use only outdoors or in a well-ventilated area.
- Prevent drift onto other crops, grazing, rivers, dams or areas not under treatment or to nearby water sources.
- Thoroughly clean the spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- **TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three (3) times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- Prevent contamination of food, feeds, drinking water and eating utensils.

Relevant hazardous components	
Emamectin benzoate	19.2 g/l
Calcium dodecylbenzene sulfonate	<50 g/l
N-methylpyrrolidone	<110 g/l
Methanol	<100 g/l
Solvent Naphtha	<680 g/l

FIRST AID TREATMENT

- **General advice:** Remove the victim from the area of exposure. Wash off remaining material with plenty of water. In the event of any complaints or symptoms, avoid further exposure.
- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if irritation occurs. **Seek medical attention if you feel unwell after inhalation.**
- **Skin:** Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. **Obtain medical attention if skin irritation occurs.**
- **Eyes:** Flush eyes with clean water for at least 15 to 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after five (5) minutes and continue rinsing. **Seek medical attention.**

- **Ingestion:** Seek medical attention or call a poison control centre for treatment advice. **Do not induce vomiting.** Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water. **If swallowed, get emergency medical help immediately.**
- **Advice to physician:** Treat symptomatically and supportively. No specific antidote known.

RESISTANCE WARNING

CONFLICT 19.2 EC is a group code 6 insecticide. Any insect population may contain individuals naturally resistant to **CONFLICT 19.2 EC** and other group code 6 insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **CONFLICT 19.2 EC** or any other group code 6 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 programmes.

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

CONFLICT 19.2 EC effectively controls Lepidoptera larvae that are resistant to organophosphates, pyrethroids and insect growth regulators. Larvae ceases to feed after ingestion of treated plants with death occurring within four days.

Abamectin and **Emamectin benzoate** are IRAC mode of action group 6 insecticides. These active ingredients are registered for the control of pests on various crops, including tree nuts, citrus fruit, pome fruit, stone fruit, grapevine and various vegetables. Although these active ingredients have the same mode of action, they target different pests whose life cycles often overlap. To delay the onset of resistance, these insecticides may not be applied within 30 days of each other. If an application of abamectin is made, an application of **Emamectin benzoate** can only be made 30 days thereafter, and vice versa. This waiting period should be increased in the case of target insects with a longer lifecycle to ensure insects from consecutive generations are not exposed to the same mode of action group insecticide. Apply registered insecticides with a different mode of action within the 30-day period following an application or block applications of abamectin or **Emamectin benzoate**. Always conform to all label recommendations and only use registered dosages.

Mode Of Action:

Emamectin benzoate is a non-systemic insecticide active primarily by ingestion, translaminar mobility. Paralyzes Lepidoptera, which stop feeding within hours of ingestion, and die after 2–4 d. It allosterically activates glutamate-gated chloride channels (GluCl_s) resulting in increased chloride ion flow and causing paralysis.

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

- **CONFLICT 19.2 EC** is compatible with **Direct** and **INTERLOCK®** (L 10254 / W 130875 / N-AR 1856).
- When **CONFLICT 19.2 EC** 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 water.
- Thoroughly mix the required volume of **CONFLICT 19.2 EC** with a small amount of water before adding the mixture to the spray tank while agitating.
- When tank mixing **CONFLICT 19.2 EC** with other products, first mix these products separately with water before adding to the spray tank.
- **CONFLICT 19.2 EC** should be added to the tank mixture after wettable powders, water dispersible granules and suspension concentrates.
- After all the products have been thoroughly incorporated, add the wetter / spreader and sticker adjuvants.
- Add the remaining volume of water while continuously agitating. Do not allow the components to settle. Do not allow spray mixture to stand overnight.

Ground application:

CONFLICT 19.2 EC can be applied by any suitable medium or high-volume applicator provided it is correctly calibrated, is fitted with an effective agitation mechanism and is able to distribute the spray material evenly over target area. Apply in 150 to 1000 litres of water per hectare, depending on plant height. The use of flat fan nozzles is recommended.

USE RESTRICTIONS

DO NOT USE CONFLICT 19.2 EC DURING FLOWERING WHEN BEES ARE ACTIVELY FORAGING. THIS PRODUCT IS TOXIC TO BEES.

APPLICATION RATES

Crop / Pest	Dosage Rate	Remarks
Canola African bollworm (<i>Helicoverpa armigera</i>) & Diamondback moth (<i>Plutella xylostella</i>) Fall armyworm (<i>Spodoptera frugiperda</i>)	625 to 1000 ml / ha PLUS 100 ml / 100 l water Direct	Apply as soon as larvae hatch. Ensure thorough coverage of the plant surface applying in at least 150 litres of water per hectare. If necessary, repeat application after seven days. Application rates are dependent on the size of the larvae. Use higher application rates for more severe infestations. Consider higher application rates for all Fall armyworm infestations. Do not apply more than two (2) applications of CONFLICT 19.2 EC per growing season. If infestation persists, alternate with products with a different mode of action.
Wheat & Barley African bollworm (<i>Helicoverpa armigera</i>) Fall armyworm (<i>Spodoptera frugiperda</i>)	650 to 1000 ml / ha PLUS 100 ml / 100 l water Direct	Apply as soon as the pest is noticed. Ensure thorough coverage of the plant surface, applying in at least 150 litres of water per hectare. If necessary, repeat application after seven (7) days. Application rates are dependent on the size of the larvae. Use higher application rates for more severe infestations. Consider higher application rates for all Fall armyworm infestations. Do not apply more than two (2) applications of CONFLICT 19.2 EC per growing season. If infestation persists, alternate with products with a different mode of action.
Soybeans Fall armyworm (<i>Spodoptera frugiperda</i>)	625 to 1000 ml / ha	Apply as a full cover application as soon as larvae hatch. Application rates are dependent on the size of the larvae. Use higher application rates for more severe infestations. Control measures should commence as soon as pest is noticed in the production region. Apply in an integrated pest management programme. Alternate with products with a different mode of action. Apply with spray intervals of 7 days. Do not apply more than two (2) applications of CONFLICT 19.2 EC per growing season.

Crop / Pest	Dosage Rate	Remarks
Maize (including Sweetcorn) Fall armyworm (<i>Spodoptera frugiperda</i>)	625 to 1000 ml / ha	Apply as an early full cover spray before larvae migrate into maize ears. Application rates are dependent on the size of the larvae. Use higher application rates for more severe infestations. Control measures should commence as soon as pest is noticed in the production region. Apply in an integrated pest management programme. Alternate with products with a different mode of action. Apply with spray intervals of 7 days. Do not apply more than two (2) applications of CONFLICT 19.2 EC per growing season.
NOTES A drift retardant adjuvant such as INTERLOCK® can be added to spray mixtures for optimal deposition and coverage. Adhere to all WARNINGS, PRECAUTIONS and DIRECTIONS FOR USE mentioned on that label.		

The following product mentioned in this label may be replaced with an equivalent product:

- **DIRECT** (L 8680) = **LINK** (L 8675).

DIRECT is a registered product of **VILLA CROP PROTECTION (PTY) LTD.**

LINK is a registered product of **UNIVERSAL CROP PROTECTION (PTY) LTD.**

INTERLOCK® is a registered trademark of **WINFIELD SOLUTIONS REGISTRATION HOLDINGS (PTY) LTD.**