Insecticide

FLiPPER®

A contact insecticide, oil in water emulsion, for the control or suppression of the pests mentioned in the crops list.

contains:
Fatty acids potassium salts

10 ℓ

BIOLOGICALS by Bayer

BAYER

Insecticide

FLiPPER®

READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

Reg. No. L11949 (Act No. 36 of 1947)

A contact insecticide, oil in water emulsion, for the control or suppression of the pests mentioned in the crops list.

LEES DIE ETIKET VOOR GEBRUIK
HOU BUITE BEREIK VAN KINDERS EN DIERE

Reg. Nr. L11949 (Wet Nr. 36 van 1947)

'n Kontakinsekdoder, olie in water emulsie, vir die beheer of onderdrukking van die peste genoem in die gewaslys.

WARNING

HAZARD STATEMENTS:
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:
Wash hands thoroughly after handling.
If eye irritation persists: Get medical advice or attention.
Avoid release into the environment.

Active ingredient:
Fatty acids potassium salts..... 479,8 g/ℓ

Aktiewe bestanddeel:
Fatty acids potassium salts..... 479,8 g/ℓ

REGISTRATION HOLDER / REGISTRASIE HOUER:
Bayer (Pty) Ltd / (Edms) Bpk
Co. Reg. No. 1968/011192/07
9 Country Estate Drive, Waterfall City, Midrand, 2090, South Africa
TEL: (OFFICE HOURS) / (KANTOORURE) +27 11 921 5911
EMERGENCY NUMBER/ NOOD NOMMER: Griffon Poison Information Centre: +27 82 446 8946
Poisons Information Helpline: +27 861 555 777

MANUFACTURER/ VERVAARDIGER: De Sangosse

FLiPPER® is a registered trademark of De Sangosse S.A.S
FLiPPER® is 'n geregistreerde handelsmerk van De Sangosse S.A.S
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NET CONTENTS / NETTO INHOUD: 10 ℓ

BATCH NUMBER / LOTNOMMER: See Container
DATE OF MANUFACTURE / DATUM VERVAARDIG: See Container

UN No. / VN Nr.: Not regulated / Nie gereguleer nie

Approved by ECOCERT INPUTS

Controlled by ECOCERT SAS
Product suitable for use in Organic Farming in accordance with EU Regulations No 2018/848 and 2021/1165.

Bayer

RSA/0926/Flipper 10L/
Back Booklet Code: ZA90139635B

WARNINGS:

HAZARD STATEMENTS:
- Causes skin irritation.
- Causes serious eye irritation.
- May cause respiratory irritation.
- Harmful to aquatic life with long lasting effects.

Ensure you do not contaminate water with the product or its packaging.
Safety and re-entry periods.
FLiPPER® has a zero-day interval for sowing or transplanting the subsequent crops.
FLiPPER® has a reduced re-entry period. Following application, re-entry may occur as soon as the crop has dried.
FLiPPER® has a zero-day pre-harvest interval (PHI) for the authorized crops and uses.

ALTHOUGH THIS REMEDY HAS BEEN TESTED UNDER A LARGE VARIETY OF CONDITIONS THE REGISTRATION HOLDER DOES NOT WARRANT IT WILL BE EFFICACIOUS UNDER ALL CONDITIONS BECAUSE THE ACTION AND EFFECT THEREOF MAY BE AFFECTED BY FACTORS SUCH AS ABNORMAL SOIL, CLIMATE OR STORAGE CONDITIONS, COMPATIBILITY WITH OTHER SUBSTANCES NOT INDICATED ON THE LABEL AND OCCURRENCE OF RESISTANCE OF THE PEST TO 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 REMEDY CONCERNED DUE TO FAILURE OF THE USER TO FOLLOW THE LABEL INSTRUCTION OR THE OCCURRENCE OF CONDITIONS WHICH COULD NOT HAVE BEEN FORESEEN IN TERMS OF THIS REGISTRATION. CONSULT THE SUPPLIER IN THE EVENT OF ANY UNCERTAINTY.

PRECAUTIONS:

PRECAUTIONARY STATEMENTS:
- Avoid breathing spray/vapour.
- Wash hands thoroughly after handling.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- If eye irritation persists: Get medical advice/attention.
- Store in a well-ventilated place. Keep container tightly closed.
- Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

Keep out of reach of children.
Keep away from food, drink, animal feeding stuffs, domestic animals, and water sources in a secure place under lock and key.
May be Harmful if swallowed, inhaled, or absorbed through the skin. Avoid contact with skin, eyes and clothing. Do not inhale concentrate or spray mist.
Use rubber gloves when handling the concentrate. Use face mask, boots, rubber gloves, long sleeved overalls and protective clothing when spraying. Do not eat, drink or smoke at workplace or while spraying.
Wash exposed skin with soap and water after work. Wash all contaminated clothing before re-use. Do not apply directly to water.

STORAGE AND DISPOSAL OF EMPTY CONTAINERS:
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.

Do not store diluted product. Store in its original closed container in a cool, dry and well-ventilated place. Storage below 10°C may cause crystallization to occur. This is completely reversible and will not affect the effectiveness of the product. In these conditions the product remains stable for at least two (2) years from the indicated manufacturing date.

RELEVANT SUBSTANCES:

Name	CAS-No	% w/w
Fatty acids potassium salts	67701-09-1	47,8

SYMPTOMS OF HUMAN POISONING:
The active ingredient is considered of food grade quality therefore exposure from the use as a plant protection product would be considered of low toxicological concern with the only hazards being the irritation properties.

FIRST AID:
In case of doubt or if symptoms occur seek immediate medical advice and provide the doctor with the container, the label and / or the SDS.

INGESTION: Wash out mouth with plenty of water. Do not induce vomiting if not indicated by doctors. Seek immediate medical advice.

INHALATION: IF INHALED: Move person to fresh air and keep at rest in position comfortable for breathing.

SKIN CONTACT: IF ON SKIN: Take off contaminated clothing. Immediately wash with plenty of water and soap and rinse thoroughly. If skin irritation persists, get medical advice.

EYE CONTACT: IF IN EYES: Rinse cautiously opened eye for several minutes under running water. Remove contact lenses, if present then continue rinsing eyes. If eye irritation persists, get medical advice. Protect unharmed eye.

Advice to the Doctor: Treat symptomatically. There is no specific antidote.

RESISTANCE WARNING STATEMENT:
FLiPPER® can be recommended in situations where resistance to synthetic PPPs has been developed.
There are no reports of resistance to **FLiPPER**®; however, it is good practice to use such products as components of Integrated Pest Management systems, alternating with other control measures.

NOTICE TO THE USER:
THIS AGRICULTURAL REMEDY IS TO BE USED ONLY IN ACCORDANCE WITH THE INSTRUCTIONS ON THE LABEL. IT IS AN OFFENCE UNDER THE ACT TO USE THIS AGRICULTURAL REMEDY FOR ANY PURPOSE IN A MANNER CONTRARY WITH THE DIRECTIONS ON THE LABEL.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

BEFORE USING THE PRODUCT READ THE LABEL CAREFULLY

GENERAL INFORMATION:
FLiPPER® is a biological insecticide / acaricide that is active following contact with the pest body. It is active against all growth stages of many insects and mites, juveniles, and adults, as well as eggs.
The effectiveness of **FLiPPER**®'s active ingredient is achieved by the lipophilic carbon chains penetrating the outer layers of the target pest. The unsaturated part of the carbon chains interacts with multiple vital metabolic processes. This interferes with feeding activity, resulting in mortality.

How to apply.
Don't apply in the hottest hours with high solar radiation.
Make applications at the first signs of infestation build-up. Apply the product as a foliar spray with a sufficient quantity of water to achieve the wetting of all the target pest and host crop. Achieving complete coverage of the upper and lower leaf surfaces is essential. The product must come into direct contact with the target pest to be effective.

Preferably do not apply on plants with curled leaves. Thoroughly treat crops with creeping vegetation, **FLiPPER**® has no residual activity. Assess the efficacy not earlier than 3 days (72 hours) after spraying. Repeated applications may be required depending on pest pressure with maximum 3 subsequent applications at min. 7 days interval respecting the maximum rate per application and the maximum total rate per season indicated in this label for each authorized use.

Cleaning application equipment:
Always make sure the spray tank and spray lines have been thoroughly cleaned before using **FLiPPER®**. Completely empty the spray tank after application. Rinse the spraying tank, hoses and nozzles three times with clean water.

Preparation of spray mixture:
Thoroughly wash and clean the spray tank before using **FLiPPER®**.
Avoid using hard water with high content of carbonates or metallic ions. If soft water is not available, a water conditioner must be added to the water prior to mixing **FLiPPER®** in order to avoid physic-chemical issues in the tank or reduction of efficacy.

Compatibility:
FLiPPER® is physically compatible with a wide range of approved insecticides and fungicides.

Do not mix **FLiPPER®** with products containing metallic ions with the exception of products with copper salts, bordeaux mixture type formulations excluded.

Before mixing with other products make preliminary small-scale tests to ascertain the mixability and crop selectivity before treating on a broad scale.

In case of mixing with other formulated products, the longest pre-harvest interval must be respected. The precautionary rules prescribed for the most toxic products must be respected. In case of intoxication, inform the medical practitioner of the tank mix used.

The mixtures must be used in accordance with the regulations in force and with the recommendations of the good practice guides for the mixtures of phytosanitary products.

Integrated Pest Management/sustainable use.

FLiPPER® is classified as non-hazardous to bees, pollinators and non-target insects/mites, even when the maximum application rate or concentration (if no application rate is stipulated) as stated for authorization, is applied.

Consult the manufacturer or your advisor on the use of **FLiPPER®** in combination with the use of pollinators and natural predators. When bumble bees are used for pollination, the hives should remain closed until the sprayed vegetation is completely dry.

APPLICATION TABLE:

CROP	DOSAGE RATE	REMARKS
TABLE GRAPES Western Flower Thrips *(Frankliniella occidentalis)* (Suppression of adults and nymphs only) Thrips *(Scirtothrips aurantii)* (Suppression of adults and nymphs only)	1 ℓ/100 ℓ water	Apply as a foliar spray at the first signs of infestation. Repeated applications at a minimum of 7 days interval may be required, depending on pest pressure, respecting the maximum rate per application, with maximum 3 subsequent applications. Respect the maximum total rate per season.

CROP	DOSAGE RATE	REMARKS
CITRUS Thrips *(Scirtothrips aurantii)*	10 ℓ/Ha	Apply at 10 ℓ/Ha irrespective of specific water volume used but do not exceed 1% formulated product or 10 ℓ/1000 ℓ of water volume applied. Apply as a foliar spray at the first signs of infestation. Repeated applications at a minimum of 7 days interval may be required, depending on pest pressure, respecting the maximum rate per application, with maximum 3 subsequent applications. Respect the maximum total rate per season.
BLUEBERRIES Thrips *(Scirtothrips aurantii)* (Suppression of adults and nymphs only) Cotton aphid *(Aphis gossypii)* (Suppression of adults and nymphs only)	1 ℓ/100 ℓ water	Apply as a foliar spray at the first signs of infestation. Repeated applications at a minimum of 7 days interval may be required, depending on pest pressure, respecting the maximum rate per application, with maximum 3 subsequent applications. Respect the maximum total rate per season.

The recommended dosage of **FLiPPER**® is a concentration of 1% (1 liter of **FLiPPER**® per 100 liters of water). The volume of the solution to be sprayed can vary according to the size of the plants, the density of the vegetation, the level of wetting necessary to fight the pest and of the equipment used for distribution. Complete coverage of the inflorescences and bunches/fruits thus avoiding run-off.

The recommended volume for Citrus is 800 - 4000 L/ha; for Table grape is 500 - 1000 L/ha; for Blueberries is 200 - 1000 L/ha.