

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Fungicide



# INTENSIVE 100 EW

Reg. No. L 9334 Act No. 36 of 1947

3: 27/7/2023 – March 2023

An organic systemic fungicide, emulsion oil in water formulation, for the control of plant diseases in crops as indicated.

## ACTIVE INGREDIENT

flusilazole (silicone triazole) 100 g/ℓ

GROUP

3

FUNGICIDE



**DANGER**

### Hazard statements:

Causes mild skin irritation.  
Causes serious eye damage.  
Suspected of causing cancer.  
May damage fertility or the unborn child.  
Harmful to aquatic life with long lasting effects.

### Precautionary statements:

Avoid release into the environment.  
Wear impervious rubber gloves and chemical safety goggles..



**villa** 

UN Number: Not Regulated

Registration holder: VILLA CROP PROTECTION (PTY) LTD.  
Co. Reg. No. 1992/002474/07  
PO Box 10413, Aston Manor, 1630  
Tel. (011) 396 2233  
Website: [www.villacrop.co.za](http://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)

DIRECTIONS FOR USE ENCLOSED  
Batch Number:  
Date of Manufacture:

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

**INTENSIVE 100 EW**

Reg. No. L 9334 Act No. 36 of 1947  
 FRAC FUNGICIDE GROUP CODE: 3

**ACTIVE INGREDIENT:**

flusilazole (silicone triazole) ..... 100 g/l

Registration holder:

**VILLA CROP PROTECTION (PTY) LTD.**

Co. Reg. No. 1992/002474/07

PO Box 801,

KEMPTON PARK, 1620, Tel. (011) 396 2233

**WARNINGS****Withholding period:**

Minimum time between the last application and harvest:	
Apples and Pears	14 days

**IN THE CASE OF CROPS INTENDED FOR EXPORT, CONFIRM WITHHOLDING PERIODS WITH THE RELEVANT EXPORT ORGANISATION. IF THIS PRODUCT IS USED ACCORDING TO THE RECOMMENDATIONS ON THIS LABEL, LOCAL MRL VALUES WILL NOT BE EXCEEDED. HOWEVER, UNIVERSAL CROP PROTECTION (PTY) LTD. CANNOT ACCEPT RESPONSIBILITY FOR EXPORTED CROPS EXCEEDING THE IMPORT TOLERANCES OF OTHER COUNTRIES.**

**Hazard statements:**

Causes mild skin irritation.
Causes serious eye damage.
Suspected of causing cancer.
May damage fertility or the unborn child.
Harmful to aquatic life with long lasting effects.

- Handle with care.
- Harmful to wildlife.
- Store in a cool, dry place away from food, feeds, fertilizers and other agricultural remedies.
- Keep out of reach of children, animals and uninformed persons.
- In case of poisoning (call a doctor immediately and make this label available to him).
- Re-entry: Do not enter treated area until spray deposit has dried 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 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 disease 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.
Wash hands thoroughly after handling. Do not touch eyes.
Avoid release into the environment.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
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 medical advice.
If skin irritation occurs: get medical help.
Store locked up.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Do not inhale product dust or spray mist.
- Avoid contact of skin, eyes and clothing with product or spray mist.
- Do not enter treated areas until the sprayed solution has dried.
- Wash contaminated clothing after use.
- Wash with soap and water after use or accidental skin contact.
- Do not eat, drink or smoke whilst mixing, applying the product or before washing hands and face or change of clothing.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Thoroughly clean spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- Invert the empty container over the spray or mixing tank to make sure the container is empty before destroying the container.
- **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 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](http://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.

<b>Relevant hazardous components</b>	
<b>Flusilazole</b>	100 g/l
Calcium dodecylbenzene sulfonate	< 50 g/l
Lauryl alcohol	< 10 g/l
Diethylene glycol	< 150 g/l
Ethylene glycol	< 50 g/l

### **SYMPTOMS OF HUMAN POISONING**

Eye and skin irritation or damage.

### **FIRST AID TREATMENT**

- **Skin contact:** Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. **Seek medical attention if irritation occurs.**
- **Eye contact:** 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.**
- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if irritation occurs.
- **Ingestion:** Seek medical attention or call a poison control centre for treatment advice. Do not induce vomiting unless instructed to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water.

### **NOTE TO PHYSICIAN**

There is no specific antidote available. Treat symptomatically. The product contains inerts that may cause chemical pneumonitis if aspirated into lungs. If ingested perform gastric lavage and administer activated charcoal.

### **RESISTANCE WARNING**

**INTENSIVE 100 EW** is a group code 3 fungicide. Any fungus population may contain individuals naturally resistant to **INTENSIVE 100 EW** and other group code 3 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly and exclusively in programs. These resistant fungi may not be controlled by **INTENSIVE 100 EW** or any other group code 3 fungicides.

To delay insecticide resistance:

- avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate with products from different fungicide 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.

**PRODUCT PROPERTIES**

- **INTENSIVE 100 EW** is a systemic fungicide with curative and preventive properties.
- **INTENSIVE 100 EW** shows curative properties against apple Scab for up to five (5) days (120 hours).
- **INTENSIVE 100 EW** is effective at very low rates against Scab and Powdery mildew of apples.
- The efficacy of **INTENSIVE 100 EW** is not affected by rain or irrigation within three (3) hours of application due to its rapid absorption by plant tissue.

**USE RESTRICTIONS**

- **INTENSIVE 100 EW** is **always** recommended in a tank mix with **Villa Unizeb 800 WP**.
- It is recommended that **INTENSIVE 100 EW** is applied in a programme with non-related fungicides in order to delay the development of resistance against systemic fungicides.

**DIRECTIONS FOR USE: Use only as directed.****Compatibility:**

- **INTENSIVE 100 EW** is compatible with other chemicals normally used in the same spray programme in apples and pears.
- When **INTENSIVE 100 EW** is used in conjunction with any other agricultural remedy than recommended in this label, adhere to all **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label.
- A physical compatibility test must always be performed before such a tank mixture is sprayed. It is also recommended to do a small-scale test application first before a large-scale commercial treatment of such mixtures to confirm crop safety.

**Mixing instructions:**

- Half fill the spray tank with water and ensure that agitation takes place.
- Pre-mix the required quantity of **Cozeb 800 WP** in a small volume of water to produce a thin paste.
- Add the **Villa Unizeb 800 WP** paste through a 50-mesh sieve to the water in the spray tank whilst agitating.
- Add the required amount of **INTENSIVE 100 EW** directly into the spray tank and fill with water whilst agitating.
- Ensure thorough agitation of the mixture in the tank during mixing and spraying.
- Prepared spray mixture must not be left in the spray tank for any length of time, e.g., overnight.

**Application instructions:**

**INTENSIVE 100 EW** can be applied with conventional high volume spray equipment. It is important that the sprayer be in good working order and correctly calibrated prior to application, to ensure that the correct delivery rate and even distribution of the spray mixture is obtained.

## APPLICATION RATES

Crop / Pest	Dosage rate	Remarks
<b>Apples and Pears</b> Scab ( <i>Venturia spp.</i> )	<u>High volume application:</u> 16 mℓ <b>INTENSIVE 100 EW</b>  <b>PLUS</b>  75 g <b>Villa Unizeb 800 WP</b> / 100 ℓ water  Above-mentioned dosage rate / 100 litres water to be applied at following hectare volume rates:  240 to 400 mℓ / ha <b>INTENSIVE 100 EW</b>  <b>PLUS</b>  1125 to 1875 g / ha <b>Villa Unizeb 800 WP</b>	<b>Greentip to Full flower:</b> 7-to-10-day spray programme.  Apply in 1500 to 2500 litres water per hectare.
	320 to 560 mℓ / ha <b>INTENSIVE 100 EW</b>  <b>PLUS</b>  1500 to 2625 g / ha <b>Villa Unizeb 800 WP</b>	<b>From 75 % petal drop:</b> 10-to-14-day spray programme.  Apply in 2000 to 3500 litres water per hectare.
	<u>Low volume application: (4 x concentrate):</u> Apply at following hectare volume rates:  200 to 320 mℓ / ha <b>INTENSIVE 100 EW</b>  <b>PLUS</b>  900 to 1500 g / ha <b>Villa Unizeb 800 WP</b>	<b>Greentip to Full flower:</b> 7-to-10-day spray programme.  Apply in 375 to 625 litres water per hectare.
	260 to 440 mℓ / ha <b>INTENSIVE 100 EW</b>  <b>PLUS</b>  1200 to 2100 g / ha <b>Villa Unizeb 800 WP</b>	<b>From 75 % petal drop:</b> 10-to-14-day spray programme.  Apply in 500 to 875 litres water per hectare.

<b>Crop / Pest</b>	<b>Dosage rate</b>	<b>Remarks</b>
<b>Apples</b> Scab ( <i>Venturia inaequalis</i> ) Powdery mildew ( <i>Podosphaera leucotricha</i> )	High volume application: 24 mℓ <b>INTENSIVE 100 EW</b>  <b>PLUS</b> 75 g <b>Villa Unizeb 800 WP</b> / 100 ℓ water  Above-mentioned dosage rate / 100 litres water to be applied at following hectare rates:  360 to 600 mℓ / ha <b>INTENSIVE 100 EW</b>  <b>PLUS</b> 1125 to 1875 g / ha <b>Villa Unizeb 800 WP</b>	<b>Greentip to Full flower:</b> 7-to-10-day spray programme.  Apply in 1500 to 2500 litres water per hectare.
	480 to 840 mℓ / ha <b>INTENSIVE 100 EW</b>  <b>PLUS</b> 1500 to 2625 g / ha <b>Villa Unizeb 800 WP</b>	<b>From 75 % petal drop:</b> 10-to-14-day spray programme.  Apply in 2000 to 3500 litres water per hectare.
	Low volume application: (4 x concentrate): Apply at following hectare rates:  300 to 480 mℓ / ha <b>INTENSIVE 100 EW</b>  <b>PLUS</b> 900 to 1500 g / ha <b>Villa Unizeb 800 WP</b>	<b>Greentip to Full flower:</b> 7-to-10-day spray programme.  Apply in 375 to 625 litres water per hectare.
	390 to 660 mℓ / ha <b>INTENSIVE 100 EW</b>  <b>PLUS</b> 1200 to 2100 g / ha <b>Villa Unizeb 800 WP</b>	<b>From 75 % petal drop:</b> 10-to-14-day spray programme.  Apply in 500 to 875 litres water per hectare.

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

- **COZEB 800 WP** (L 7098) = **VILLA UNIZEB 800 WP** (L 8056 / N-AR 1091) = **NEWZEB 800 WP** (L 8167) (**Mancozeb**).

**COZEB 800 WP** is a registered product of **UNIVERSAL CROP PROTECTION (PTY) LTD.**

**VILLA UNIZEB 800 WP** is a registered product of **VILLA CROP PROTECTION (PTY) LTD.**

**NEWZEB 800 WP** is a registered product of **CROP ASURE (PTY) LTD.**