# **tyto-11**

## **BIOCONTROL**

#### REGISTRATION NO.: L10054 ACT NO. 36 OF 1947

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

GROUP P04 FUNGICIDES

A Preventative biofungicide for stimulation of defenses on crops as specified

'n Voorkomende biologiese swamdoder wat die natuurlike weerstandmeganismes van gewasse stimuleer

Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product.

Not classified as hazardous in terms of GHS

#### **ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL**

COS-OGA (Oligosaccharide complex / Oligosaccharide kompleks): 12.5g/l

FORMULATION TYPE / FORMULASIE Soluble Concentrate (SL) / Oplosbare konsentraat (SL)

WARNINGS AND PRECAUTIONS

· Avoid direct contact with eyes and skin · In case of accidental contact wash affected area with clean water . Wear gloves when handling . Wash hands before consuming food, drinking or smoking . Do not inhale spray mist. Do not eat, drink or smoke whilst mixing or applying . Prevent contamination of food, foodstuffs, drinking water and eating utensils . Clean applicator before and after use • Store in original container in a dry area, away from food and feed stuffs . Keep out of reach of children, uninformed persons and animals . Store the product in a cool, dry place . Shake container well before use . Rinse empty container three times with a volume of water equal to a minimum of 10% of that of the container, add the rinsing water to the contents of the spray or mixing tank. Destroy the container, and do not use empty container for any other pupose.

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 as well as by the methods, 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 animals, 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 registration. Please consult the supplier in the event of any uncertainty.

RELEVANT SUBSTANCES: None

Registration holder: FytoFend (Pty) Ltd Co reg. 2018/306062/07 Block A Inanda Greens Business Park, 98 Albertyn Avenue, Sandton, 2196 Email: info@fytofend.com Tel: +27 14 940 0083



### Produced by: FytoFend S.A.

Rue Georges Legrand, 6 B-5032 Isnes - Belgium +32 81 728 840 www.fytofend.com

Supplied by: Bancella I td. Ranch Business Park. Ramdenee Road, 90619, Black River, Mauritius +230 483 53 47

#### Distributed by:

Andermatt Madumbi (Pty) Ltd. Unit 19 Midway Square, 1 Prospect Place, Howick, 3290, KwaZulu-Natal, South Africa. Tel: +27 (0) 33 342 3984 (09:00 to 16:00) Email (Technical): support@andermatt.co.za

General advice: If medical advice is needed, have product container or label at hand

- If swallowed: IF SWALLOWED: Rinse mouth. Call a POISON CENTER or a doctor If inhaled: IF INHALED: Remove person to fresh air and keep c omfortable for breathing. Call
- a POISON CENTER or a doctor if you feel unwell. In case of skin contact: IF ON SKIN: Take off contaminated clothing Wash, with Plenty of

Water, If skin irritation occurs; Get medical Advice, Wash contaminated clothing before

In case of eye contact: IF IN EYES: Rinse cautiously with water for sever al minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

### RESISTANCE MANAGEMENT

Currently there is no known resistance to Fyto-11® or the biological active. Due to the nature of the mode of action resistance is not expected to be likely. It is still advisable to use good agricultural practices of resistance management.

#### TO DELAY FUNGICIDE RESISTANCE

Avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate or tank mix with products from different fungicide group codes

- Refer to individual product labels when alternating products or when using tank mixtures with products in fungicide group codes 7, 27, 28, 29, 30 and M
  - Fyto-11® may be applied alone or in combination and/ or rotation with other control methods (chemical, cultural, biological) as a tool for integrated disease management. A jar test is recommended prior to tank mixing to ensure compatibility. MODE OF ACTION

Fyto-11® is a biocontrol product for the control of downy mildew and powdery mildew on grapes and powdery mildew on cucumbers. Fyto-11® is a natural product that stimulates the plants' natural defences against the attack of these pathogens. It is imperative to use Evto-11® in a preventive manner and in sequences of 2 to 4 successive applications to obtain a good stimulation of the plant's defences. The renewal period is 7 to 10 days depending on the disease pressure conditions. In case of effective contamination or high risk, start treatments with a curative product before intervening with Fyto-11®. Apply the product to crops in good vegetative condition.

#### DIRECTIONS FOR USE - USE ONLY AS DIRECTED WAITING PERIODS AND USE RESTRICTIONS:

Fyto-11® does not impose any risk of residues on harvested crops. MIXING INSTRUCTIONS

• Fill spray tank with half the required water volume and check neutral pH. Use an appropriate buffering agent if necessary . Start agitator mechanism. Maintain agitation during application . Add the correct amount of product to the water in the tank at the recommended dose rate . Top up spray tank and check final pH . If other products are to be tank mixed always add them first . Mixed volumes must be applied as soon as possible and not left overnight or standing in the sun.

#### APPLICATION TABLE RECOMMENDATIONS

CROP / PEST DOSAGE 3 L/ha Cucurbits Powdery mildew (water volume 500-1000 L) (Podosphaera fusca)

Table grapes Downy mildew (Plasmonara viticola) Powdery mildew (Erysiphe necator)

31/ha (water volume 200-1000 L)

REMARKS

 Apply when disease is first noticed or as a precautionary application when conditions favour disease outbreak. Repeat application every 7 days until disease is

under control or conditions are no longer favourable. Apply as a full cover film spray using

conventional spray equipment. Good coverage, preferably of the lower

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In case of poisoning, call the Poison Information Helpline: +27 861 555 777