



# Orondis<sup>®</sup> Vip

syngenta.

**GROUP 4 | 49 FUNGICIDES**



Orondis<sup>®</sup> Vip is a Dispersible Concentrate containing 174.4 g/L of metalaxyl-m and 30 g/l oxathiapiprolin.

Orondis<sup>®</sup> Vip is a fungicide used against oomycetes for the control of *Bremia lactucae* on lettuce (outdoor and protected), *Peronospora destructor* on onions and *Phytophthora porri* on leeks.

**SAFETY INFORMATION  
FOR PROFESSIONAL USE ONLY**

Orondis<sup>®</sup> VIP is a dispersible concentrate containing 174.4 g/L of metalaxyl-m and 30 g/L oxathiapiprolin.

**Warning**

**May cause an allergic skin reaction.**

**Causes serious eye irritation.**

**Toxic to aquatic life with long lasting effects.**

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

Wash hands thoroughly after handling.

Wear protective gloves/eye protection/face protection.

IF ON SKIN: Wash with plenty of water.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Take off contaminated clothing and wash it before reuse.

Collect spillage.

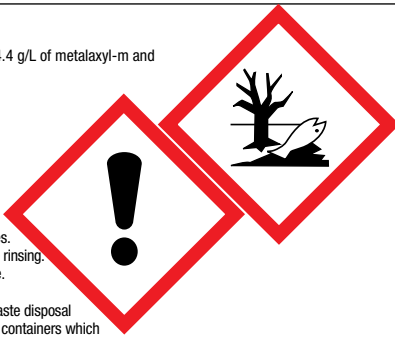
Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.

**To avoid risks to man and the environment, comply with the instructions for use.**

**Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.**

PCS No. 07535

UFI: 8E77-COX6-600F-6M38



Authorisation Holder	Marketing Company
Syngenta UK Limited Jealott's Hill International Research Centre, Bracknell, Berkshire, RG42 6EY Tel: +44 (0) 1223 883400	Syngenta Ireland Ltd Block 6, Cleaboy Business Park, Old Kilmeaden Road, Waterford, Ireland Tel: (051) 377203

PROTECT FROM FROST.

STORE IN A COOL, DRY PLACE

L1143692 IREL/09D PPE 4241899

**IN CASE OF TOXIC OR TRANSPORT EMERGENCY RING +44 (0) 1484 538444 ANYTIME**

# 5 litres

Product names marked ® or ™, the ALLIANCE FRAME ™, the SYNGENTA Logo and the PURPOSE ICON ™ are Trademarks of a Syngenta Group Company

**IMPORTANT INFORMATION**

FOR USE ONLY AS AN AGRICULTURAL AND HORTICULTURAL FUNGICIDE

Crop	Maximum individual dose (L/ha)	Maximum total dose (L/ha)	Maximum number of treatments (per crop)	Minimum spray interval (days)	Latest time of application
Lettuce (protected and outdoor)	0.5	1	2	7	GS 49 and 10 days before harvest
Onions	0.5	1	2	7	GS 48 and 14 days before harvest
Leeks	0.5	1	2	12	

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.**

**SAFETY PRECAUTIONS****(a) Operator protection**

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when handling the concentrate.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when applying the product outdoors.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) and GLOVES when applying the product indoors.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when re-entering treated areas.

However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WASH CONCENTRATE from skin or eyes immediately.

DO NOT BREATHE SPRAY.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before meals and after work.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

**(b) Environmental protection**

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

**(c) Storage and Disposal**

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.

This leaflet is part of the approved Product Label.

## **DIRECTIONS FOR USE**

**IMPORTANT:** This information is approved as part of the Product Label. All instructions within this section must be carefully read in order to obtain safe and successful use of this product.

## **GENERAL INFORMATION**

Orondis® Vip is a fungicide used against oomycetes for the control of *Bremia lactucae* on lettuce (outdoor and protected), *Peronospora destructor* on onions and *Phytophthora porri* on leeks.

## **RESTRICTIONS**

Apply Orondis® Vip under good growing conditions with adequate soil moisture. Avoid poor growing conditions which may give less reliable results.

## **DISEASES CONTROLLED**

### **Outdoor and protected Lettuce**

Downy Mildew (*Bremia lactucae*)

### **Onions**

Downy Mildew (*Peronospora destructor*)

### **Leeks**

White tip (*Phytophthora porri*)

## **RESISTANCE MANAGEMENT**

Repeated and exclusive use of Orondis® Vip or other FRAC Group 4 and 49 fungicides may lead to the development of fungi resistant populations. Maintaining the longevity of Orondis® Vip as an effective disease control tool for growers is critical, thus a fungicide resistance management (FRM) strategy should be established in the area of use, as followed:

- Applications of Orondis® Vip must be applied according with the label recommendations and can be made in alternation with products containing different cross-resistance group with satisfactory efficacy against the targeted pathogen(s).
- The application of a registered fungicide not in the FRAC Groups 4 and 49 and effective on the target diseases will provide an acceptable rotation partner for Orondis® Vip.
- Exposure to Orondis® Vip (or any other FRAC 49-containing product) should not exceed thirty-three percent (33%) of the total period of protection needed per crop with a maximum of 2 applications of Orondis® Vip per crop.
- Do not use more than 4 applications of oxathiapiprolin (or any other fungicide containing active ingredient belonging to FRAC 49 classification per crop per season. Where fewer than three (3) fungicide applications are made, make no more than one (1) application of Orondis® Vip (or any other FRAC 49-containing product).

- Application of OSBPI fungicides to be made no more than three times in sequence before applying a fungicide of a different MoA.
- The number of phenylamide applications (FRAC 4 containing product) should be limited to two to four applications per crop and year.
- Orondis® Vip applications are to be made preventively.
- Orondis® Vip (or any Phenylamide containing product) sprays are recommended early season or during the period of active vegetative growth of the crop.
- Apply Orondis® Vip (or any other FRAC 4-containing product) no more than two (2) times in sequence before applying a fungicide with a different mode of action. Application interval should not exceed 14 days or shorter in cases of high disease pressure.
- In case of multicrops, do not use more than six (6) applications of oxathiapiprolin (or any other fungicide containing active ingredient belonging to FRAC 49 classification) per year in the same area for the same pathogen.
- In cases where a FRAC 49 fungicide is used in seed treatment or soil application, foliar application of Orondis® Vip should not be carried out (or any other fungicide containing active ingredient belonging to FRAC 49 classification).
- Orondis® Vip (or any other FRAC 49-containing product) must not be used in nursery production of transplanted crops.

For detailed information about restrictions for the use of each mode of action of Orondis® Vip inside a treatment program, specific FRAC guidelines of Code Groups 4 and 49 need to be consulted. The most critical of both chemical class guideline has to be followed as a direction for the use of Orondis® Vip into the treatment programs. <https://www.frac.info/>

## **CROP SPECIFIC INFORMATION**

### **Outdoor and protected Lettuce**

#### **Rate of Use**

Apply Orondis® Vip at 0.5 litre per hectare up to two applications per crop. Do not apply more than two applications in the same field per year. Apply between BBCH growth stages 12 and 49. A minimum interval of 7 days must be observed between applications.

### **Onions**

#### **Rate of Use**

Apply Orondis® Vip at 0.5 litre per hectare up to two applications per crop. Apply between BBCH growth stages 12 and 48. A minimum interval of 7 days must be observed between applications.

### **Leeks**

#### **Rate of Use**

Apply Orondis® Vip at 0.5 litre per hectare up to two applications per crop. Apply between BBCH growth stages 12 and 48. A minimum interval of 12 days must be observed between applications.

## **MIXING AND SPRAYING**

Apply Orondis® Vip with conventional crop spraying equipment. The product is recommended to be applied in 200-800 litres of water per hectare.

Immediately after use, clean the spray equipment thoroughly. Drain the system completely and rinse spray tank, boom and nozzles at least twice with clean water until the foam and all traces of product have been removed.

To access the Safety Data Sheet for this product, scan QR code:



Alternatively, contact your supplier

**IMPORTANT INFORMATION**

FOR USE ONLY AS AN AGRICULTURAL AND HORTICULTURAL FUNGICIDE

Crop	Maximum individual dose (L/ha)	Maximum total dose (L/ha)	Maximum number of treatments (per crop)	Minimum spray interval (days)	Latest time of application
Lettuce (protected and outdoor)	0.5	1	2	7	GS 49 and 10 days before harvest
Onions	0.5	1	2	7	GS 48 and 14 days before harvest
Leeks	0.5	1	2	12	

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.**

**SAFETY PRECAUTIONS****(a) Operator protection**

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when handling the concentrate.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when applying the product outdoors.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) and GLOVES when applying the product indoors.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when re-entering treated areas.

However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WASH CONCENTRATE from skin or eyes immediately.

DO NOT BREATHE SPRAY.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before meals and after work.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

**(b) Environmental protection**

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

**(c) Storage and Disposal**

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.