

NEW



# Zorvec Endavia<sup>®</sup>

FUNGICIDE

**Strong preventive activity against  
downy mildew in onions, shallots and garlic**

NEW

## ZORVEC ENDAVIA: NEW EFFICACY

Zorvec Endavia is the new co-formulated product based on Zorvec active. This OD formulation contains 30 gr/l oxathiapiprolin (Zorvec) and 70 gr/l Bentiavalicarb.

Zorvec Endavia is registered for control of Late Blight in potatoes and downy mildew in onions, garlic and shallots.

In this leaflet we discuss the usage of Zorvec Endavia on onions.

### INSTRUCTIONS FOR USE

Applicability	Efficacy tested for	Dosage* per application	Maximum number of applications per cultivation cycle	Minimum interval between applications in days	Safety period in days
Onions (uncovered cultivation)	Downy mildew	0,5 l/ha	3	7	28
Shallots (uncovered cultivation)	Downy mildew	0,5 l/ha	3	7	28
Garlic (uncovered cultivation)	Downy mildew	0,5 l/ha	3	7	28
Potatoes	Potato Blight	0,4 /ha	4	7	7

\* No addition drift-mitigating measures apply.

### DOWNY MILDEW IN ONIONS

The *Peronospora destructor* fungus causes downy mildew in onions. The disease can be recognised by the characteristic long spots on the leaf (lesions).

The lesions are covered with grey-violet mildew. This mildew sporulates through this affected tissue in humid conditions.

The illness spreads to other plants and the entire crop through spores. The first leaf edges shrivel soon after. Followed by the onset of death of the outer leaves.

The disease then moves to the youngest leaves. Infected leaves often die completely.



The entire crop can be destroyed within 2 weeks. The disease is called "Destructor" for a reason.

## ZORVEC ENDAVIA IN ONIONS

Zorvec Endavia is the new co-formulated product containing Zorvec active and Benthiovalicarb. Two active ingredients with excellent activity against downy mildew.

Benthiovalicarb is also found in Valbon. When brought together these two active ingredients complement each other, resulting in the best product for control of downy mildew.

Zorvec Endavi may only be applied to an onion crop three times in a season at a rate of 0,5l/ha.

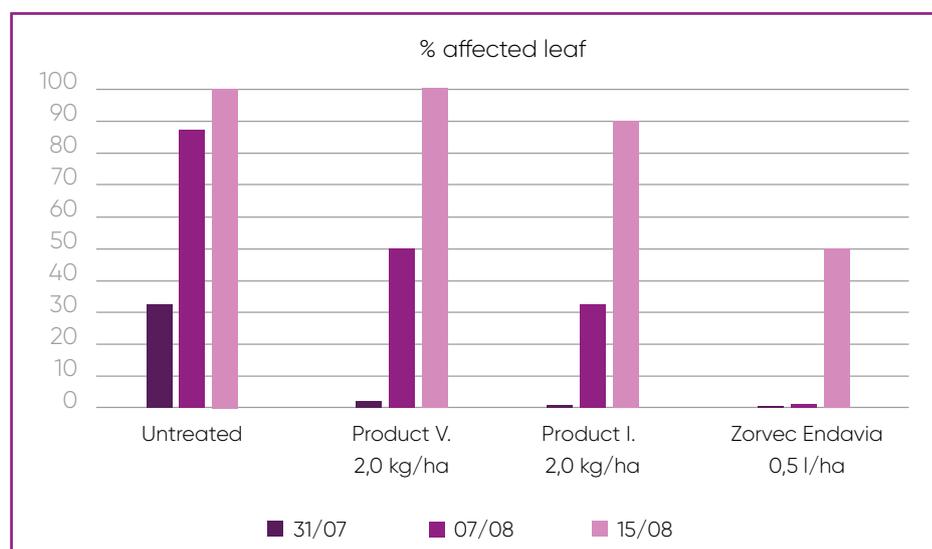
The minimum interval is 7 days with a pre harvest interval of 28 days.

## TEST RESULTS

The graph shows the efficacy of Zorvec Endavia compared with commercial standards against Downy Mildew in a trial in the Netherlands. The trial was conducted by Wageningen University & Research.

The Zorvec Endavia programme was the most effective treatment against downy mildew in the trial.

Because the treatment was discontinued, the Zorvec fields ultimately also experienced affected leaves.



Picture: Drone picture of the onion test field in the Netherlands. The white bars show the Zorvec fields that remained in the best condition.

## TECHNICAL INFORMATION

- Zorvec Endavia contains: 30 g/l Oxathiapiprolin and 70 gr/l Benthiavalicarb
- Application rate: 0,5 l/ha
- Maximum number of applications: 3 per season
- Interval between the applications:  $\pm$  7 days (depending on the disease pressure)
- Pre harvest interval: 28 days



## POSITIONING AND ADVICE

# USE ZORVEC ENDAVIA EARLY FOR THE GREATEST EFFICACY

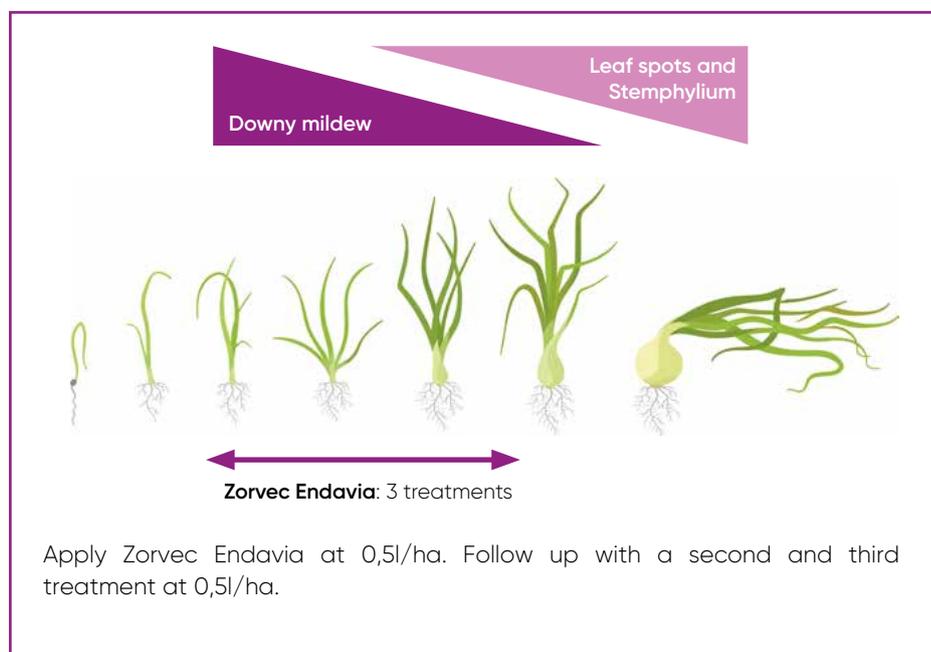
For the greatest efficacy against downy mildew, use Zorvec Endavia early in the programme. This is when downy mildew poses the greatest risk to the crop.

Use Zorvec Endavia as a block of two consecutive treatments at weekly intervals. Zorvec Endavia can also be alternated with other products at weekly intervals.

Keep in mind that the extended treatment interval of Zorvec Endavia as used for potatoes does not apply to onion species.

Zorvec Endavia should always be used preventatively in the programme, it does not have any curative activity.

### Recommended programme



*"Zorvec Endavia<sup>®</sup> offers the greatest protection against downy mildew."*

### SUMMARY

- Robust combination of two active ingredients with downy mildew activity
- Only 50 grammes of active substance per hectare
- Strong OD formulation
- Sector leading rainfastness
- Use preventatively in the programme