

He changes everything Zorvec™ Vinabel™ – a revolution in the fight against downy mildew in vineyards

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How long has it been since you heard the words – A new fungicide against downy mildew in vineyards, with combined fully systemic, locally systemic, translaminar, contact, curative and protective action. For decades Bulgarian winegrowers have been fighting downy mildew in vineyards with plant protection products that do not provide a new approach for reliable disease control.

Well, that time has now come and on the market you can find **Zorvec™ Vinabel™**. It contains the newest active substance **Zorvec™ (oxathiapiprolin)**, which is the first of its kind from a new class of fungicides with an

unparalleled effect against downy mildews caused by fungal pathogens of the class Oomycetes. **Zorvec™** **Vinabel™** is a fungicidal combination with combined systemic, locally systemic, translaminar, contact, curative and protective action, providing secure, reliable and long-lasting control of downy mildew in vineyards even under the highest infection pressure. **Zorvec™** **Vinabel™** acts in several phases of the pathogen's life cycle and thus is more effective than other products, both in combating downy mildew and in the duration of protection.

Zorvec™ **Vinabel™** provides exceptional protection of the leaf mass and the new growth for better development and health status of the vineyards, which leads to more profitable production. **Zorvec™** **Vinabel™** eliminates the development of the disease, which helps to obtain high-quality produce. It is recommended that **Zorvec™** **Vinabel™** be applied preventively in a sequence of two sprays at 15-day intervals. These two treatments provide protection for up to 30 days of the crop in its most sensitive stage of development (from the beginning of flowering to berry set), when the grape yield is being determined.

Zorvec™ **Vinabel™** is absorbed very quickly – within 20 minutes after spraying through the surface epidermis of the leaves as well as internally (parenchymal tissue). **Zorvec™** **Vinabel™** is not washed off 20 minutes after treatment. This helps farmers avoid re-treatment if rain occurs more than 20 minutes after spraying. The transfer/translocation of **Zorvec™** **Vinabel™** from treated to untreated parts helps protect untreated clusters and leaves, including the new growth between two sprays. This is ensured by the best possible coverage of the leaf mass in the critical stages of crop development. This gives more assurance, peace of mind and free time to winegrowers to deal with other problems in the vineyards.



ZORVEC™
Винабел™
ФУНГИЦИД

**ТОЙ ПРОМЕНЯ
ВСИЧКО**

**РЕВОЛЮЦИЯ В БОРБАТА
СРЕЩУ МАНА ПО ЛОЗЯТА**

How does **Zorvec™ Vinabel™** stand out and how will it be useful for winegrowers?

- A new fungicide, already successfully introduced into practice (for example in Italy)
- Contains the newest active substance (**Zorvec™/oxathiapiprolin**) with an entirely new and different mode of action compared to analogous fungicides applied in practice so far, and a second active substance (zoxamide) with systemic-local action
- With combined fully systemic, locally systemic, translaminar, contact, curative and protective action
- The combined and different mode of action of the active substances provides control of downy mildew, including in the most critical stages of the vine (from the beginning of flowering to berry set), and avoids the risk of pathogen resistance
- Synergism and mutually complementary action of the active substances
- Provides 3–4 days longer control of downy mildew than competing products

- Provides full control of downy mildew at a low dose per decare (2 grams of active substance per decare, unlike competing analogous active substances – metalaxyl-M, benalaxyl, metalaxyl, fosetyl-aluminium, where the dose is from 10 to 130 grams of active substance per decare)
- Very fast absorption of the fungicide after treatment – within 20 minutes. It is not washed off by rain falling 20 minutes after spraying
- A high-quality liquid suspo-emulsion formulation (oil-based) that helps faster adhesion, absorption and transfer to all growth points – ensuring reliable control against downy mildew
- Successfully protects the new growth between two treatments
- No cross-resistance with products currently used in practice
- Low application rate (50 ml/da of ready-to-use product) – lower transport and storage costs
- Does not adversely affect product quality
- Does not adversely affect fermentation processes in wine production
- Meets the highest criteria and requirements for maximum residue levels (MRL) in the harvested grapes

The general conclusion is that **Zorvec™ Vinabel™** is at a qualitatively higher level for the control of grapevine downy mildew, thanks to the 15 practical advantages listed, tested and proven under real practical conditions in commercial vineyards in major winegrowing countries, including Bulgaria. It is no coincidence that the fungicide's slogan is – IT CHANGES EVERYTHING.

We at Corteva Agriscience recommend that you include **Zorvec™ Vinabel™** in your programme for the control of grapevine downy mildew, and we are confident that you will be satisfied with its effect.

For more information, please contact the regional representatives of Corteva Agriscience and visit

www.corteva.bg