



Velum Rise

Fungicide / Nematicide

Velum[®] Rise is a broad-spectrum fungicide/nematicide for in-furrow application in potatoes that delivers systemic and preventative protection against crop diseases and nematodes. With a unique mode of action and group for nematode protection, Velum Rise helps increase your crop's yield potential.

BENEFITS

- Delivers excellent control of soil-borne black scurf, and stem and stolon canker caused by *Rhizoctonia solani*
- Provides the added benefit of suppression of early blight and black dot
- Broad-spectrum nematocidal activity that suppresses plant pathogenic nematodes including root lesion, root knot and potato cyst nematodes (including pale cyst and golden nematode)

KEY CROPS

- Potatoes

DISEASES CONTROLLED

- Soil-borne black scurf
- Stem and stolon canker caused by *Rhizoctonia solani*

DISEASE SUPPRESSION

- Early blight
- Black dot

PEST SUPPRESSION

- Root lesion nematodes
- Root knot nematodes
- Potato cyst nematodes (including pale cyst and golden nematode)

PRODUCT INFORMATION

Application Timing	For soil applications (in-furrow) using ground equipment in potatoes at planting. For best results, mount the spray nozzle to direct the spray as a 15-20 cm band onto the seed pieces in the furrow just before the seed is covered.
Application Tips	Best control of soil-borne and seed-borne <i>Rhizoctonia solani</i> is obtained if the in-furrow treatment with Velum Rise is preceded by a seed piece treatment with Ernesto [®] Silver or Ernesto Complete seed-piece treatments at registered rates
Active Ingredients	Fluopyram (Group 7) Penflufen (Group 7)
Rainfast	N/A
REI (hours)	12
PHI (days)	7
Formulation	Suspension concentrate
Packaging	8.1 L jugs (2 jugs/case)
Use Rate	1 L/ha (404 mL/ac.); OR 9 mL/100 m of row (based on 90 cm row spacing) One jug treats 20 ac.
Maximum Seasonal Application Rates	Fluopyram: Do not apply more than 500 g/ha (202 g/ac.) fluopyram per year, regardless of formulation or method of application (soil or foliar). Penflufen: Do not apply more than 160 g/ha (65 g/ac.) penflufen per year, regardless of formulation or method of application (seed piece treatment or in-furrow).



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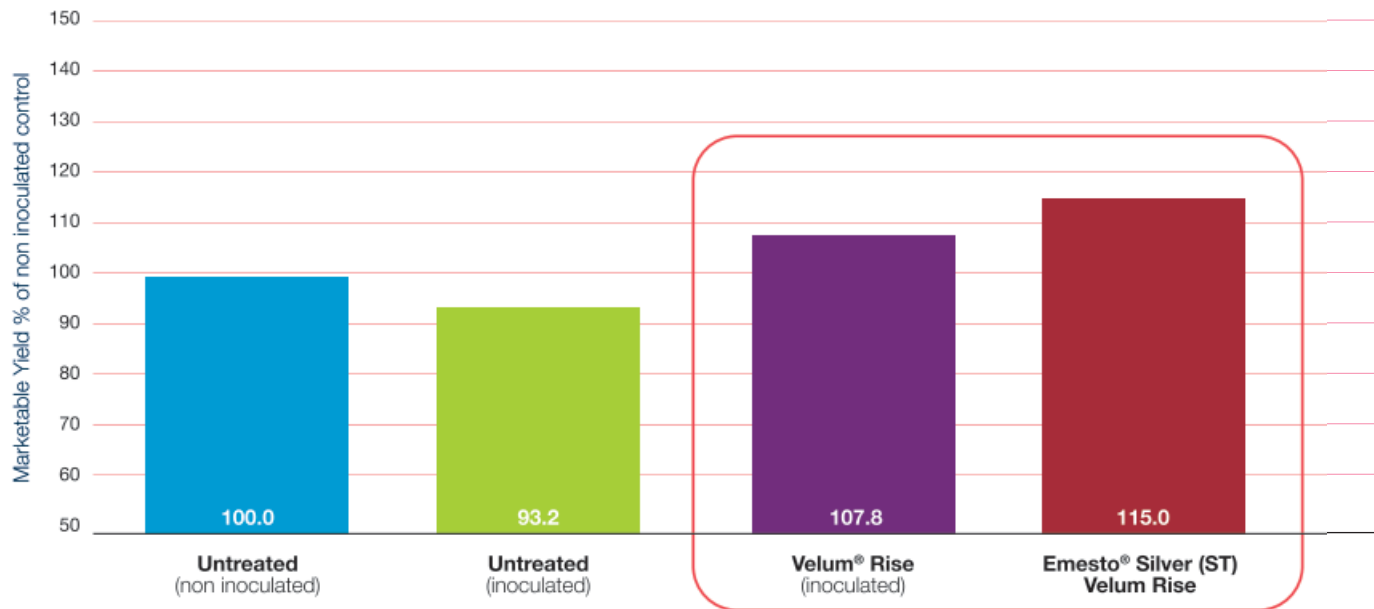
PERFORMANCE

Trials showed that Velum Rise increased marketable yield compared to the untreated checks. The addition of Emesto Silver seed-piece treatment further improved marketable yields.



Black dot is caused by the fungus *Colletotrichum coccodes*, and affects roots, tubers and stems of potato plants. It gets its common name from the small, black sclerotia that form on infected plant tissue — symptoms quite similar to verticillium wilt and many other common potato diseases, but black dot moves much faster and can take crops down quicker.

Marketable Yield



Source: 2020-2021 Bayer Crop Science (Field Solutions) and Atlantic Agritech (n=4). All treatments were inoculated with Rhizoctonia except for the blue bar. Your results may vary depending on agronomic, environmental and pest pressure variables.



For more information, visit cropscience.bayer.ca

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