



The Evolution in potato health

What is Velum® Prime 400 SC

- // **Velum® Prime 400 SC** is a unique suspension concentrate nematicide and fungicide with an alternative mode of action.
- // It is registered for the control of nematodes and Early Blight on potatoes as well as nematodes on tomatoes and tobacco.
- // **Velum® Prime 400 SC** contains Fluopyram 400g ai/l.
- // Fluopyram belongs to the insecticide group 25 and the fungicide group 7 and thus has a favourable toxicological profile.
- // **Velum® Prime 400 SC** offers easy and long-lasting control at low rates. (It thus supports the innovative producer's focus on sustainable production).
- // **Velum® Prime 400 SC** is easy to transport and to store and safe to apply.

Mode of action

- // **Velum® Prime 400 SC** causes a shortage in available energy through limiting the energy production process in the mitochondria.
- // After the application of **Velum® Prime 400 SC** the nematode becomes inactive and dies.
- // The nematode shows first symptoms 30 minutes after application.



Radapholus similis keeps active in untreated solution



Activity of *Radapholus similis* is suppressed by Fluopyram (20 ppm after 2 hours)

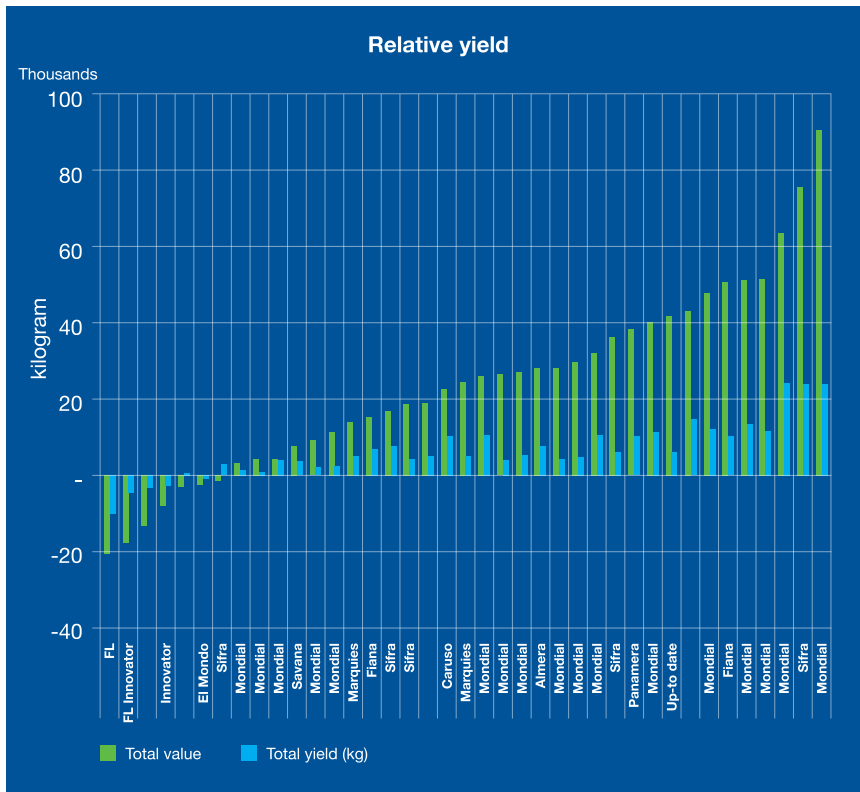
Note: The nematode species, as above, is used only as illustration.



Velum® Prime

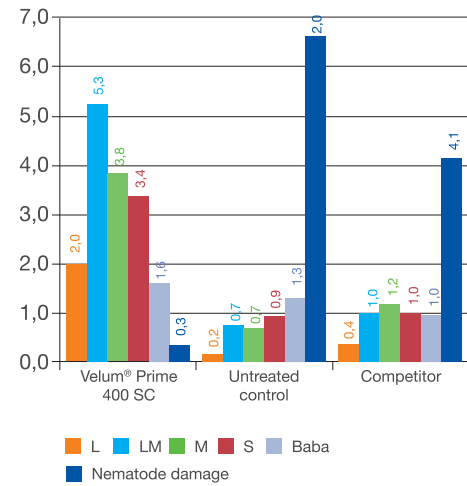
Return on investment

- // Return on investment measured from 2013-2017.
- // **Velum® Prime** show an average of 78 % increased yield.

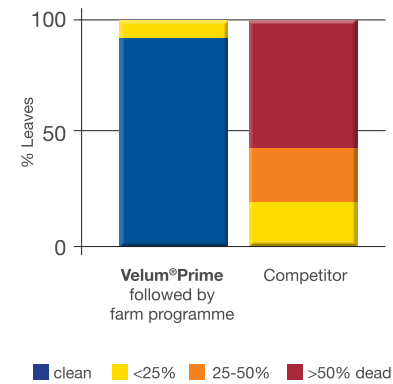


Security in nematode control

Yield (t/ha) and un-pack



Villiers - Early blight on Mondial 107 days after emergence



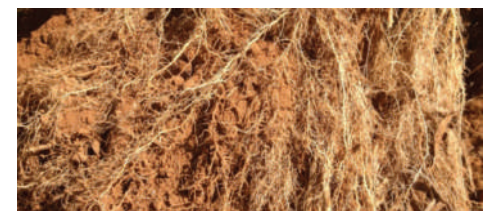
Improved profitability under irrigation



Note: With all trials the yield was classified and calculations are based on the 2013 average market price.

Vigor

- // **Velum® Prime 400 SC** ensures a healthy root system due to excellent nematode control.
- // A healthy root system leads to healthy plants with better resistance against diseases.



Velum® Prime 400 SC Reg. No. L9565 (Act No. 36 of 1947). **Velum® Prime 400 SC** contains Fluopyram (Caution). **Velum® Prime 400 SC** is a registered trademark of Bayer AG, Germany. Use strictly according to instructions on label.

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