

Beyond the label

Technical Support for Velum Prime - Potatoes

Update March 2021



Water Volume

- ❖ Label water volumes are 200-500 l/ha for both in-furrow and broadcast and incorporate application methods. Bayer will however support the use of Velum Prime at reduced water volumes down to 100 l/ha in-furrow only.

Amistar co-application

- ❖ Trials have been carried out co-applying Velum Prime (in the water tank) and Amistar (injector unit) with an in-furrow applicator. Co-application with Amistar is physically compatible.
- ❖ Bayer will support the biological efficacy against PCN, but not fungicidal activity.
- ❖ Any adverse crop effects that may have been caused by the co-application of Amistar and Velum Prime at planting is not supported by Bayer.

Allstar co-application

- ❖ Velum Prime and Allstar are physically compatible in co-application. Respective companies support their own products being applied via the water tank.
- ❖ A co-application of Velum Prime and Allstar is fully supported by the respective companies, covering biological efficacy against PCN, fungicidal activity and crop safety.

Nematicide sequences for PCN control

- ❖ A series of independent replicated trials targeting PCN carried out between 2016-2020 have demonstrated complementary efficacy from programmes of Velum Prime with half and full rates of Nemathorin 10G.
- ❖ Where Velum Prime has been used in a programme with ½ rate Nemathorin 10G average yield protection is as good as the full rate granule, often slightly better.
- ❖ Where Velum Prime has been used in a programme with full rate Nemathorin 10G there is a further improvement in average yield protection and PCN population management over full rate granules used alone.
- ❖ Bayer will support programmes of Velum Prime with Nemathorin 10G (at least 50% dose of Nemathorin 10G) when used for PCN control.
- ❖ Its important to accurately understand PCN populations, therefore sampling to AHDB guidelines should be carried out. <https://ahdb.org.uk/knowledge-library/PCN-Sampling-Guide>

Wireworm control

- ❖ Velum Prime does not have activity against wireworm and should not be part of a strategy for control of this pest.