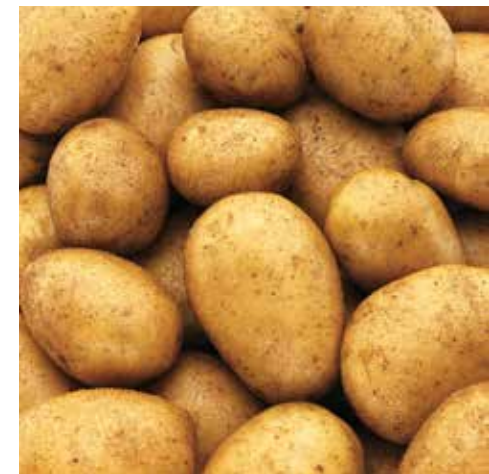


fact
sheet



VELUM PRIME:
A FIRST-OF-ITS-KIND
TOOL FOR MANAGING
NEMATODES IN
POTATOES IN CANADA



cropsience.bayer.ca or 1 888-283-6847 or contact your Bayer representative.

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did you know?

VELUM™ PRIME HELPS SUSTAIN HIGH PLANT VIGOUR & MAXIMIZE CROP YIELD BY PROTECTING AGAINST NEMATODES

FEATURES AND BENEFITS

- Increased yields
- Broad-spectrum nematocidal activity targeting root knot, root lesion and potato cyst nematodes
- Simple and easy to use
- Applied in-furrow
- Delivers the added benefit of in-season early blight protection
- Low use rates ideal for existing liquid in-furrow application equipment

MODE OF ACTION

- Nematicide/Group 7 fungicide (fluopyram)

FORMULATION AND PACKAGING

- Formulated as 500 g/L suspension concentrate
- 4.04 L jug, 2 X 4.04 L case
- Each 4.04 L jug treats 20 ac.

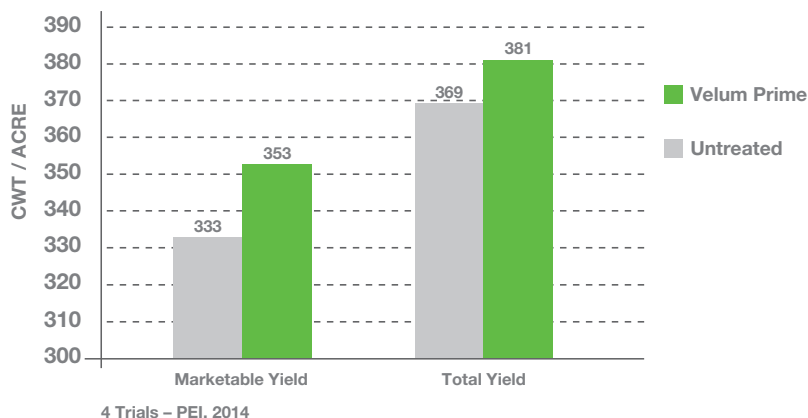
RESISTANCE MANAGEMENT

- When applied as a soil application, use another mode of action for the first foliar fungicide application
- Early blight pressure should be monitored throughout the growing season. Heavy disease pressure may require additional systemic foliar fungicide applications.
- Velum Prime should be used as part of an integrated nematode protection program

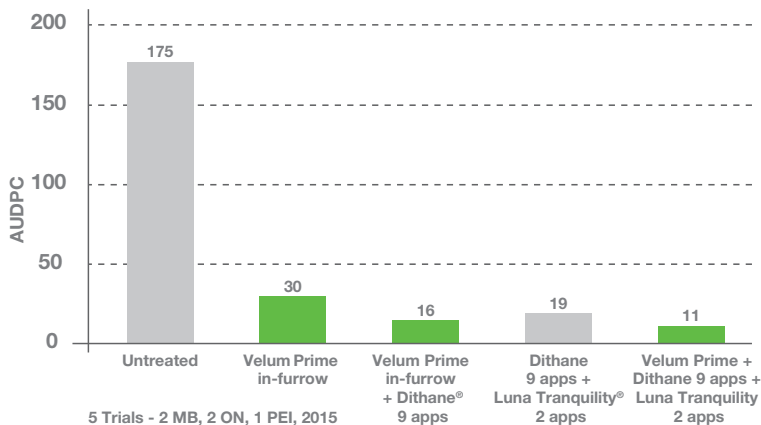
APPLICATION TIPS

- For soil applications using ground equipment:
 - Spray specified rate in a 10-15 cm band in-furrow at planting and cover with soil. For best results uniformly spray the band over the seed-pieces and soil.
 - Apply in 50-150 L of water per hectare
- Do not replant to alfalfa for 14 days after application. All other crops may be replanted immediately.
- Restricted Entry Interval (REI) is 12 hours

2014 FIELD TRIALS – TOTAL YIELD



2015 FIELD TRIALS – EARLY BLIGHT



AUDPC - Area Under the Disease Progress Curve equals the sum of the amount of diseased leaf tissue over a set time period; a low AUDPC is ideal as it represents better control (in comparison to a high number).

PROTECTION AGAINST	RATE	TIMING
POTATO AND OTHER TUBEROUS AND CORM VEGETABLES: Arracacha, arrowroot, artichoke (chinese and jerusalem), canna (edible, Queensland arrowroot), cassava (bitter & sweet), chayote (root), chufa, dasheen (taro), ginger, leren, potato, sweet potato , tanier (cocoyam), turmeric, yam bean (jicama, manioc pea), yam (true)		
Root lesion nematodes (<i>Pratylenchus</i> spp.); ¹ Root knot nematodes (<i>Meloidogyne</i> spp.); ¹ Potato cyst nematodes (including Pale cyst and Golden Nematode) (<i>Globodera pallida</i> , <i>Globodera rostochiensis</i>) ¹	500 mL/ha (202 mL/ac.) or 4.5 mL/ 100 m row (based on 90 cm/36 in. row spacing)	Soil applications using ground equipment: In-furrow at planting <i>For best results uniformly spray the band over the seed-pieces and soil.</i>
POTATO		
Early Blight (<i>Alternaria solani</i>) ¹	500 mL/ha (202 mL/ac.) or 4.5 mL/100 m row (based on 90 cm/36 in. row spacing)	Soil applications using ground equipment: In-furrow at planting <i>For best results uniformly spray the band over the seed-pieces and soil.</i>

¹ Suppression