

# Pest control product update

## Wireworm management

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# Products registered to manage wireworm on potato

- Capture 240EC
- Thimet 20-G
- Pyrifos/Pyrinex
- Titan/Nipsit  
(Suppression)
- *Cimegra/Teraxxa*  
Under registration process



# Capture 240EC

Bifenthrin meets the criteria of a track 1 substance.

PMRA calls for virtual elimination from environment.

Phase-out period (RD2017-19) is:

- Date of last sale by registrant: ~~December 31, 2018~~
- Last date of sale by retailers: ~~December 31, 2019~~
- Last date of permitted use by users: December 31, 2020

Registrant intends to re-submit registration with new data for environmental assessment

# Thimet 20-G

- Registration with PMRA expires December 31, 2022.
- Up to registrant to re-new registration
- PMRA re-evaluation scheduled for 2020-2021

# Pyrifos/Pyrinex

- **Caution:** No chlorpyrifos residue is allowed on potatoes exported to the U.S.A.
- PMRA has proposed to cancel most agricultural uses, including wireworm on potatoes (PRVD2019-05)
- Consultation period finished August 29, 2019. PMRA is assessing comments received and will publish final decisions
- No anticipated date of final decision published yet (REV2019-05)

# Titan/Nipsit

- Registered for *suppression* of wireworm only
- Special review on honeybees concluded potato seed piece use is an acceptable risk
- Currently undergoing multiple regulatory processes, including special reviews (squash bees and aquatic invertebrates) and a general re-evaluation
- Expected **final** decision for special review on aquatic invertebrates and **proposed** decision on general re-evaluation in Fall 2020 (may be affected due to Covid-19)
- Most conservative proposal is to cancel all agricultural uses





# Broflanilide

- Two products have been submitted for registration:
  - Cimegra – In furrow application for potatoes and corn
  - Teraxxa – Seed treatment for cereal crops (wheat, barley, oats, and rye)
- Efficacy research trials previously conducted in PEI and BC
- Registration decision TBD



# Options for grains/field crops

- **Alias 240SC/Stress shield/Sombrero/Gaucha** (Imidacloprid) Registered for use in wheat, barley, oats, field beans, soybeans, chickpeas, lentils, faba beans, or corn
- **Cruiser 5FS /Maxx** (Thiamethoxam + fungicides) Registered for use in wheat, barley, oats, chickpeas, lentils, dry peas, faba beans , soybeans and dry beans
- **Nipsit** (Clothianidin) Registered for use in wheat, corn

*Note: these are neonics that have been proposed to being phased-out, final decisions yet to be published*

# Options for grains/field crops

- **Fortenza** (Cyantraniliprole –seed treatment) Registered for use in corn, soybeans
- **Lumivia** (Chlorantraniliprole –seed treatment)  
Registered for use in corn, wheat, barley, oats, rye
- **Force** (Tefluthrin – in furrow) Registered for use in corn



# Summary – potato products only

- Products available in 2020 are Capture, Thimet, and Titan/Nipsit
- Products available in 2021 will be Thimet and Titan, maybe Cimegra (depends on registration decision)
- Capture may be available again in the future if PMRA reviews new data to be submitted by registrant (could take months/years)
- Titan/Nipsit and Thimet may be on a phase-out period in the future, depending on final re-evaluation decisions





Thanks !