



Wireworm Meeting PEI

14 March 2016

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Business Manager

The FMC logo is displayed in a large, bold, red, sans-serif font. It is centered within a white trapezoidal shape that has a slight shadow effect. The background of the slide is red, and there are faint, stylized molecular structures scattered across the bottom half of the slide.

FMC

Presentation Topics

- 2015 Research Trial Results – CAPTURE & Thimet
- 2015 Research Trial Results – CAPTURE “layby treatment”
- 2015 Field Trial Results – CAPTURE + TITAN
- How to use Capture

Research Trials

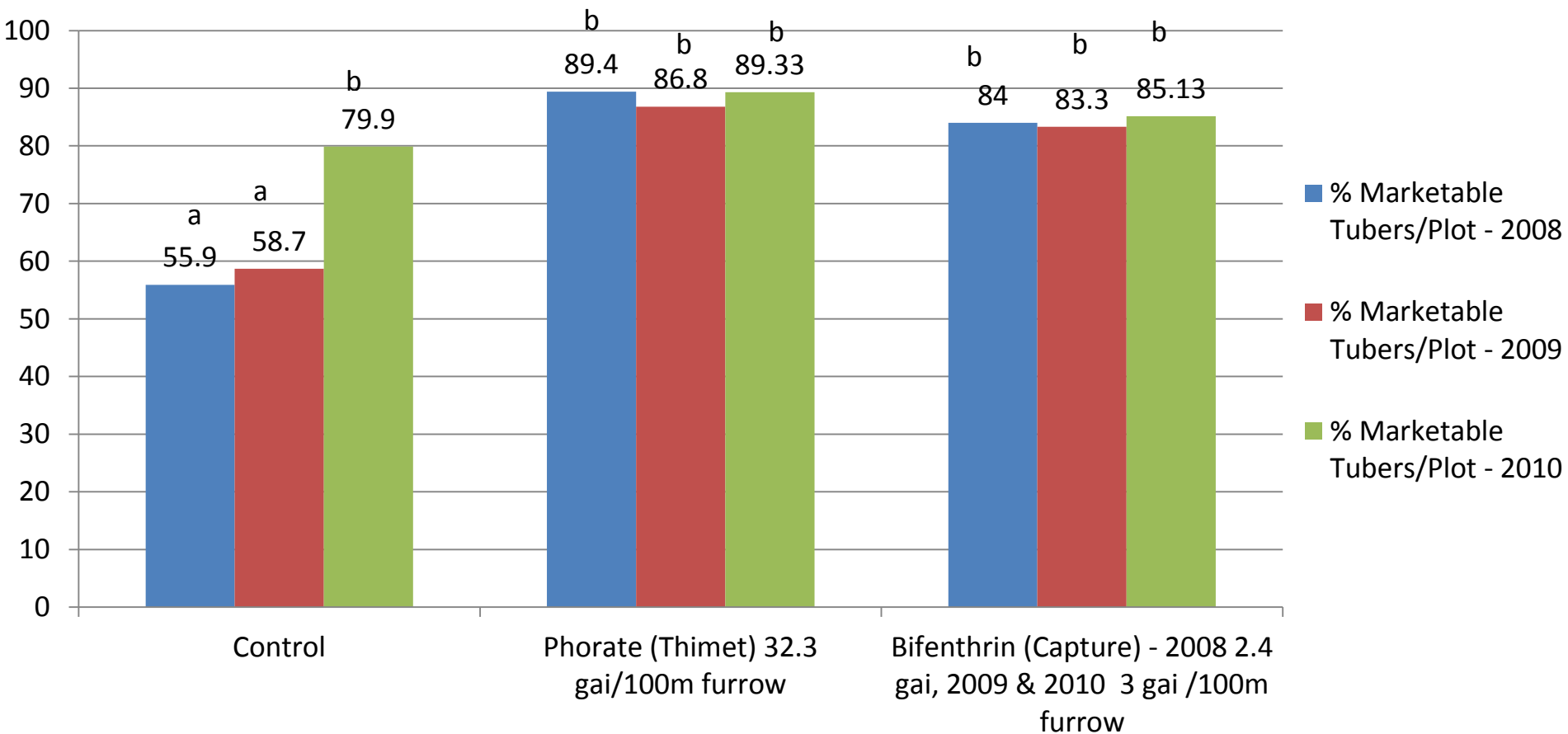
Tech Crop Int., PEI

Cavendish Farms, PEI

Gaia Consulting, MB

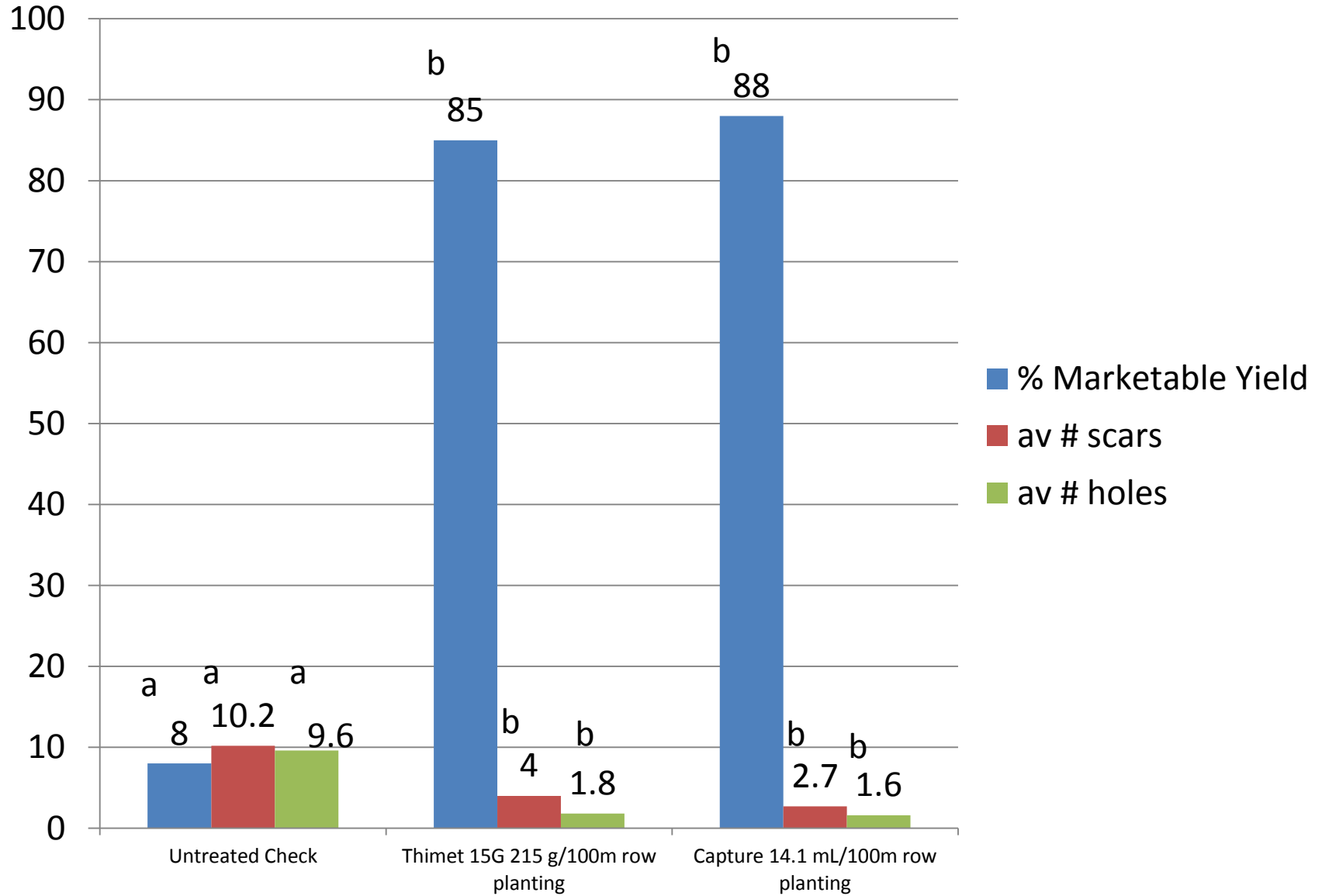
CAPTURE & Thimet Provide Similar Wireworm Protection

Marketable Superior Potato Tubers Canoe Cove P.E.I. - AAFC Data



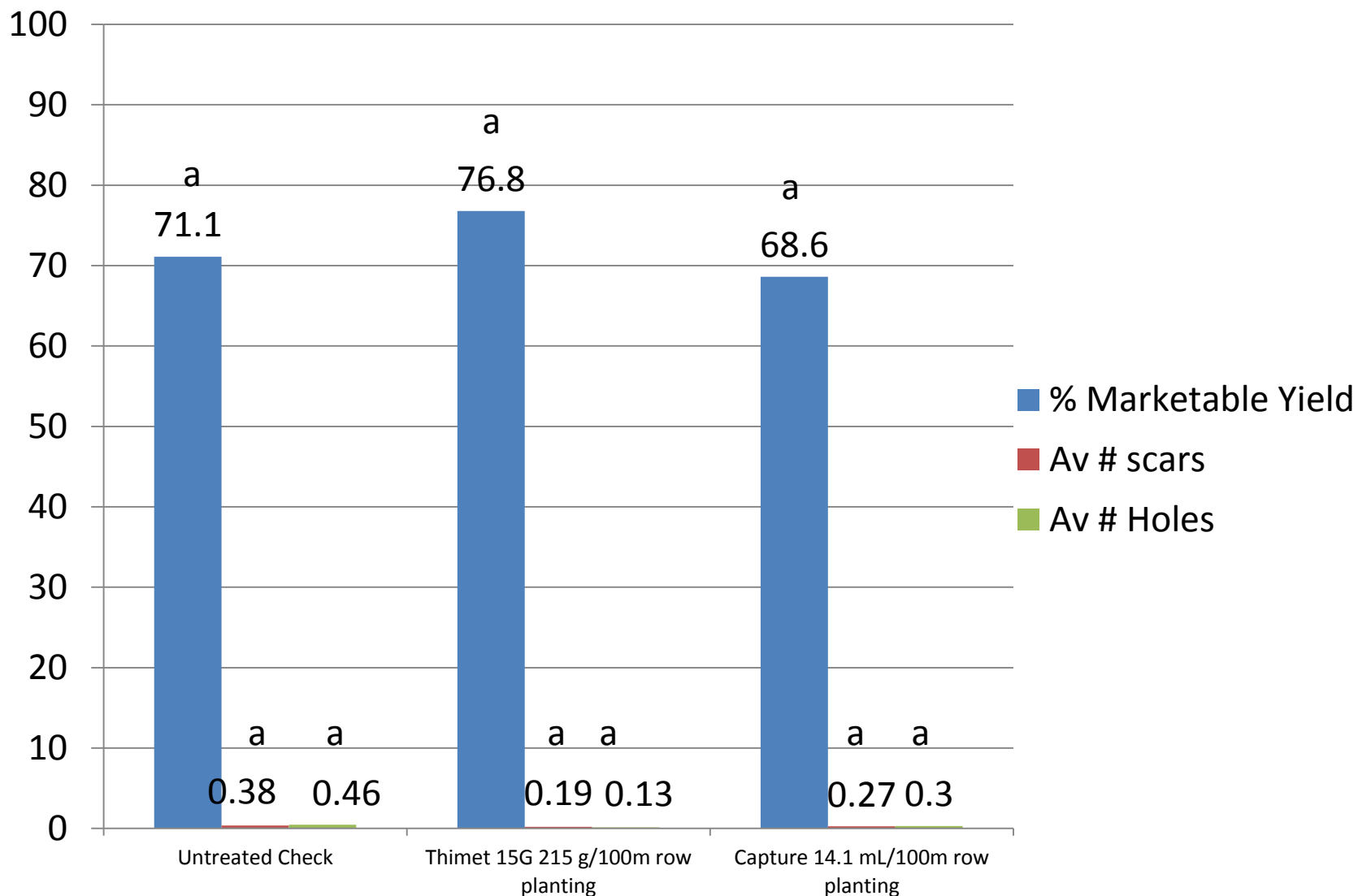
Capture & Thimet Provide Similar Wireworm Protection

Tech Crop Int. - Meadowbank, PEI 2015



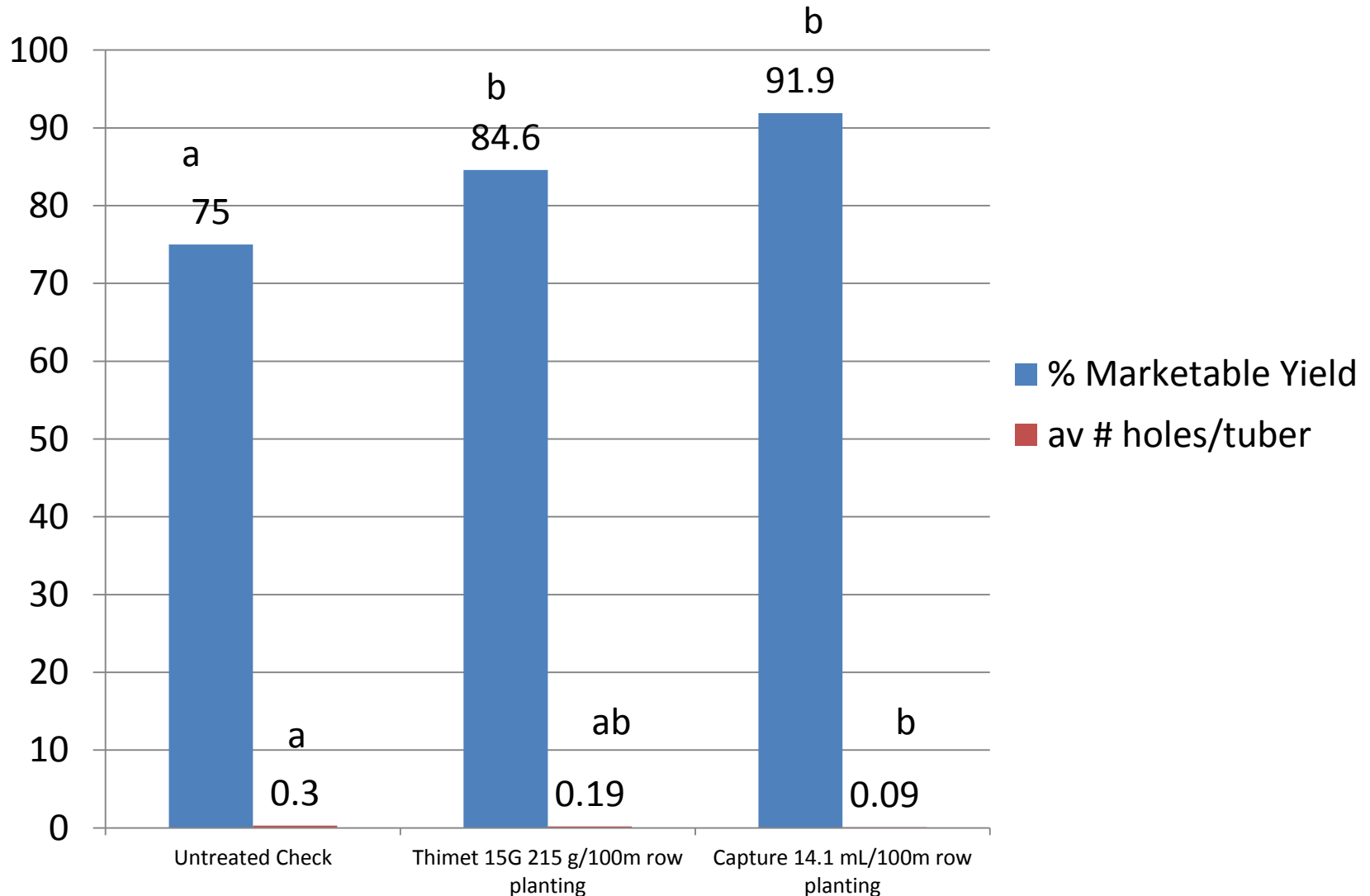
No Wireworm Pressure — Russet Burbank

Cavendish farms - PEI 2015



Capture & Thimet Provide Similar Wireworm Protection

- Russet Burbank Gaia Consulting - Carberry, MB 2015



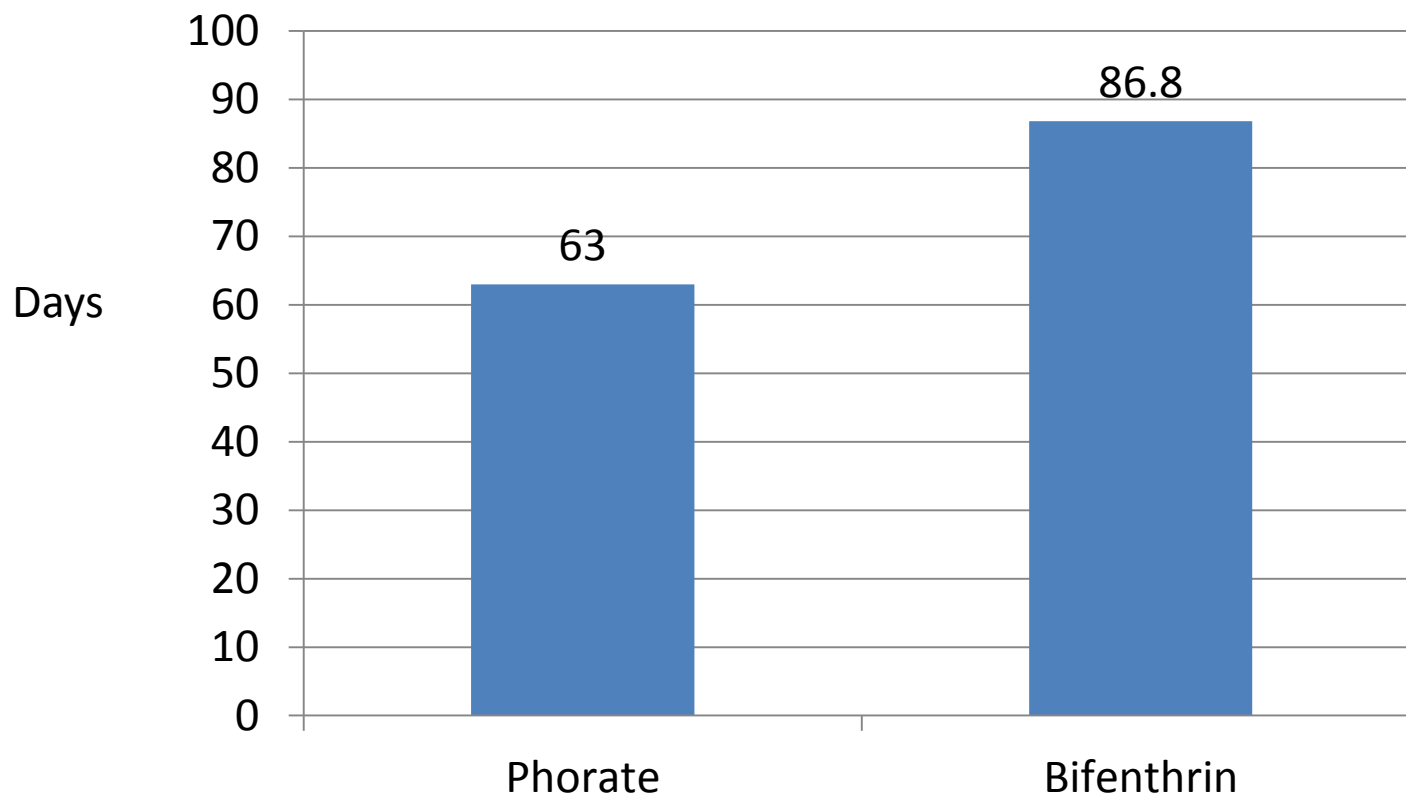
Capture & Thimet Trial Conclusions

- NO statistical difference in % marketable yield, scars & holes.
- Both products control wireworm damage equally well for fresh market & processing potatoes.

CAPTURE has a long residual

IUPAC

Soil Half Life DT50 Field (Days)



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“layby application” = ½ rate applied in furrow at planting & ½ rate applied at hilling

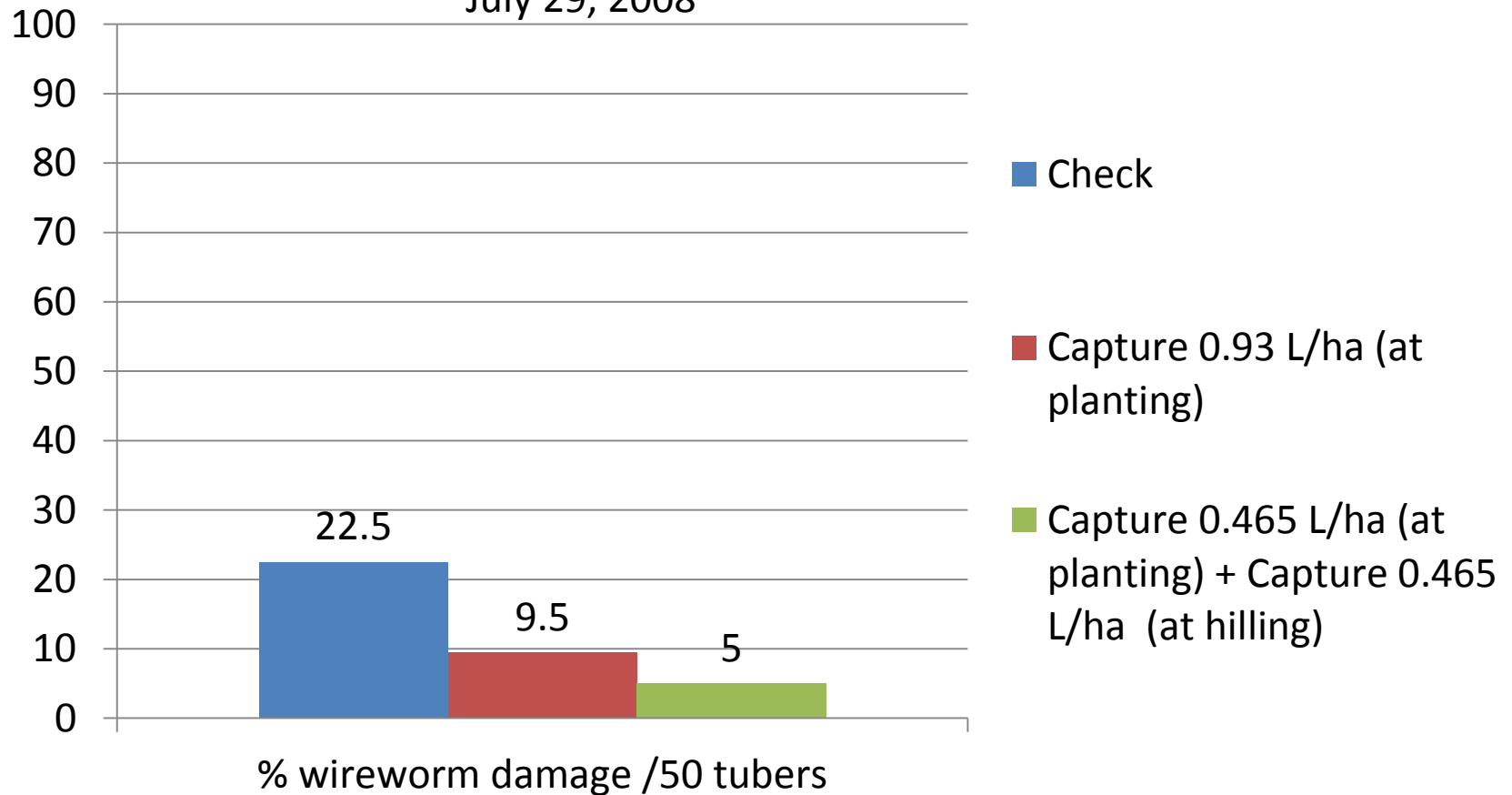
Capture Research



Capture wireworm damage control using a layby spray

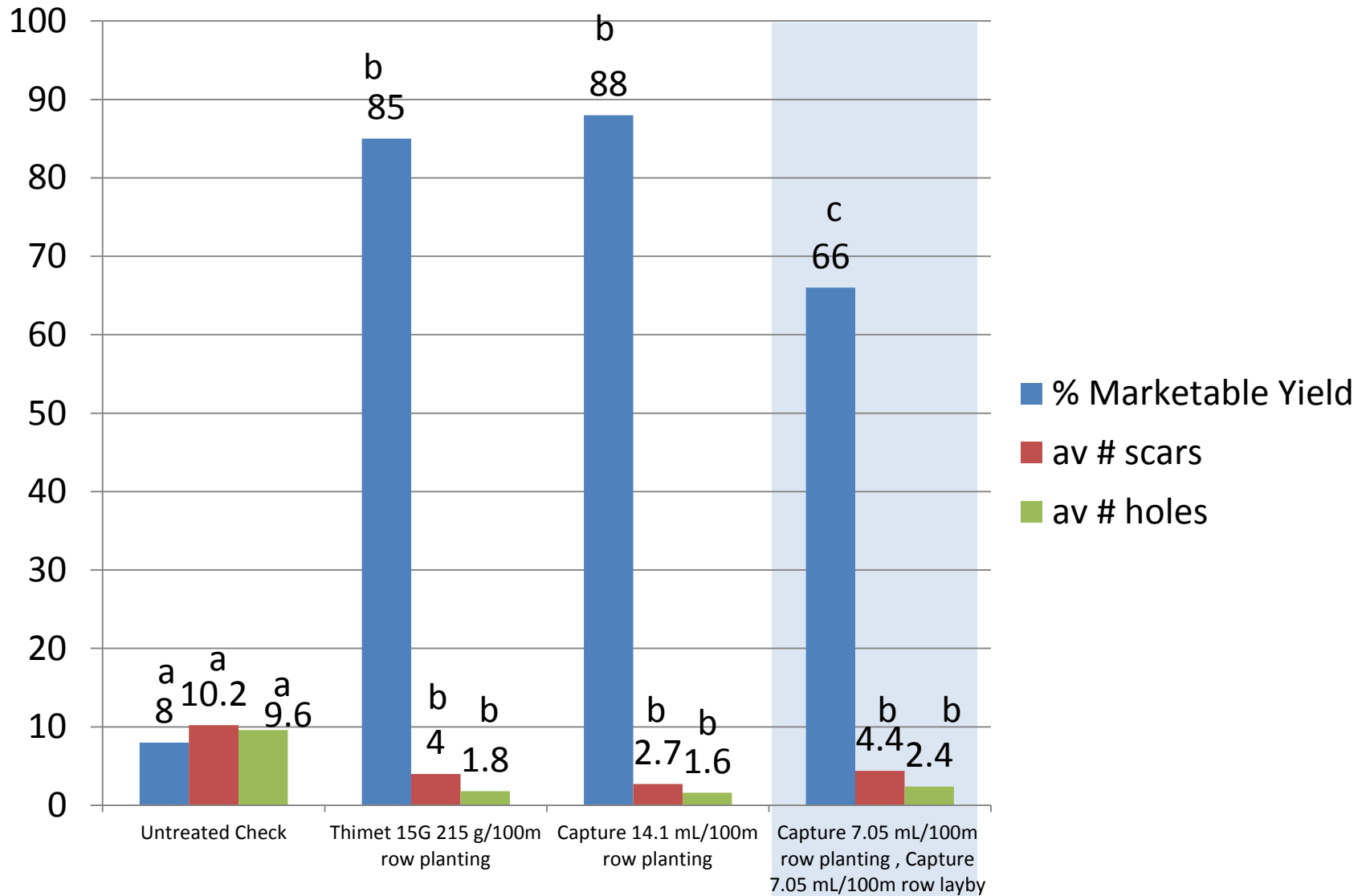
Thomas P. Kuhar & Helene Doughty – ESAREC Virginia Tech

July 29, 2008



Capture "layby application" Wireworm Trial - *Shepody*

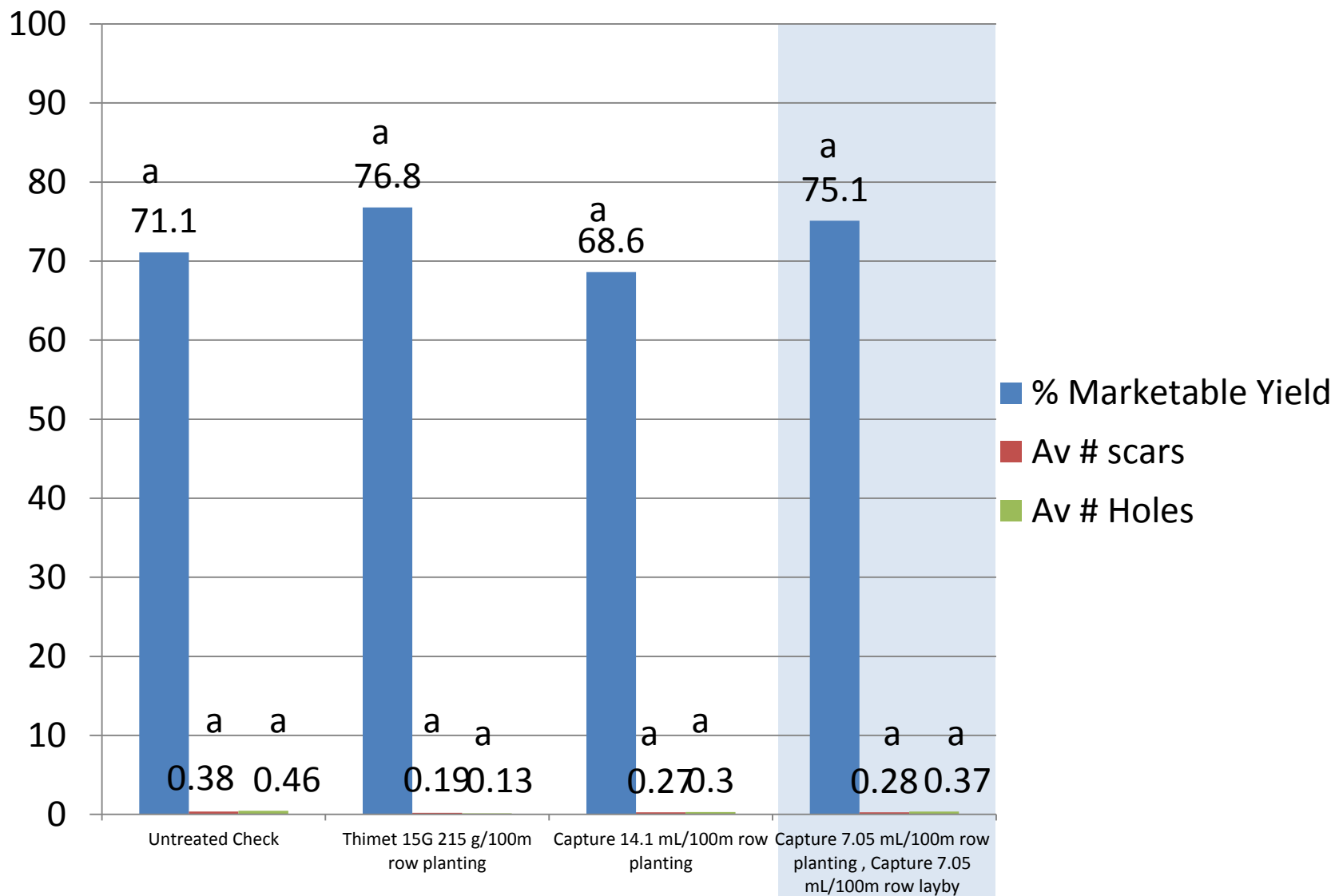
Tech Crop Int. - Meadowbank, PEI 2015



No Wireworm Pressure

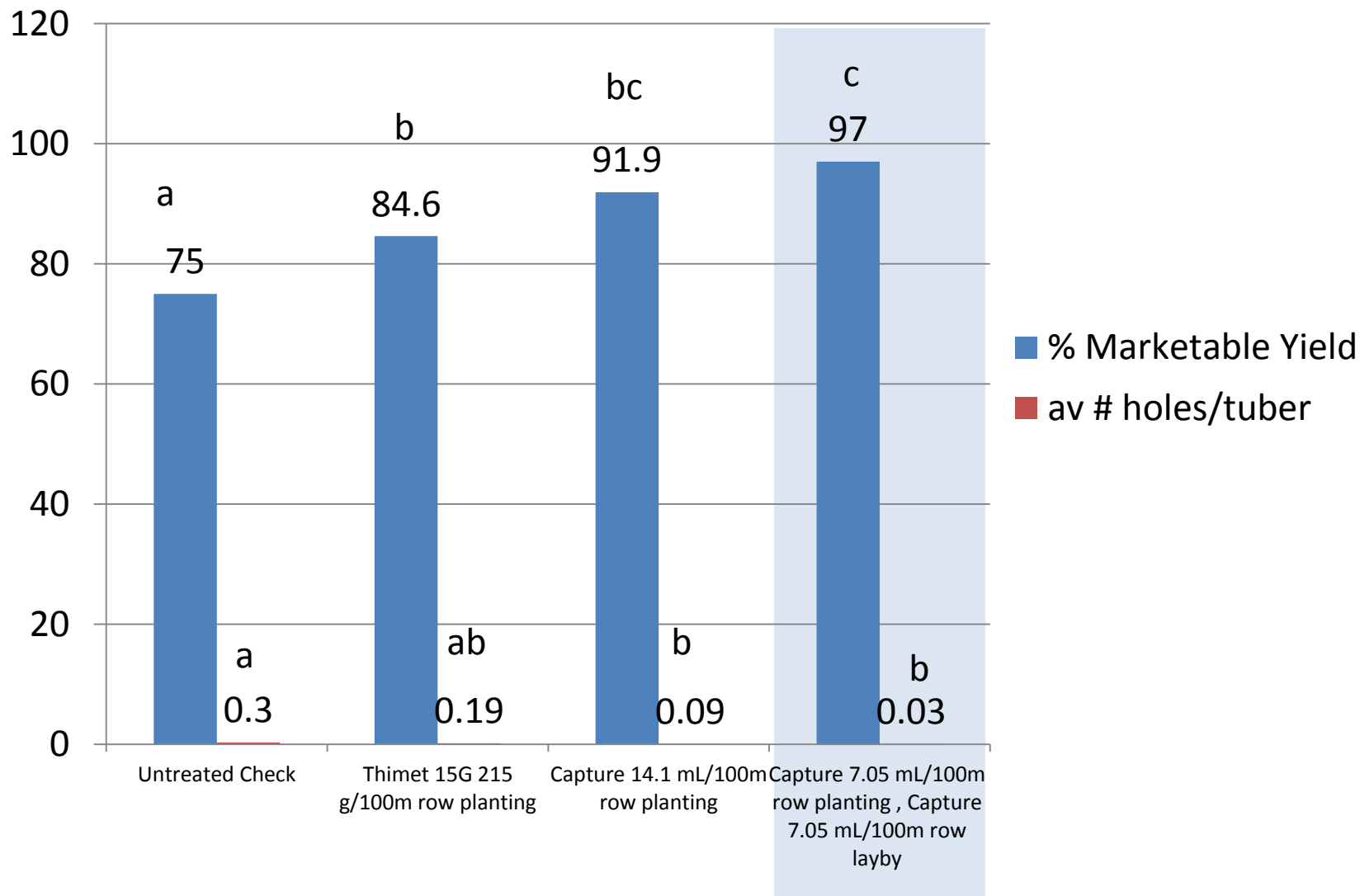
Capture “layby application” Wireworm Trial – Russet Burbank

Cavendish farms - PEI 2015



Capture “layby application” wireworm Trial – *Russet Burbank*

Gaia Consulting - Carberry , MB 2015



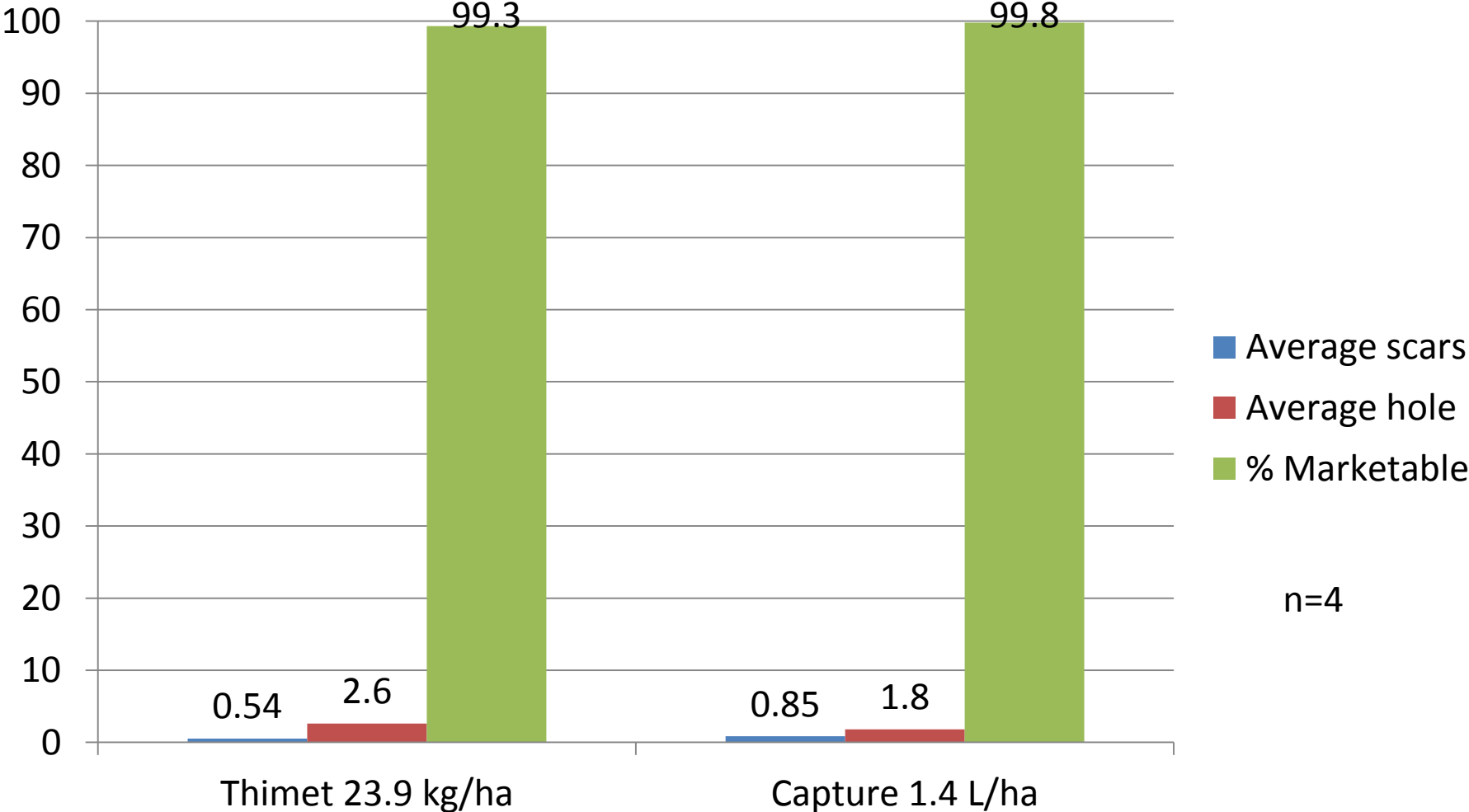
Capture “layby application” Trial Conclusions

- Results not conclusive.
- More development work required.

Presentation Topics

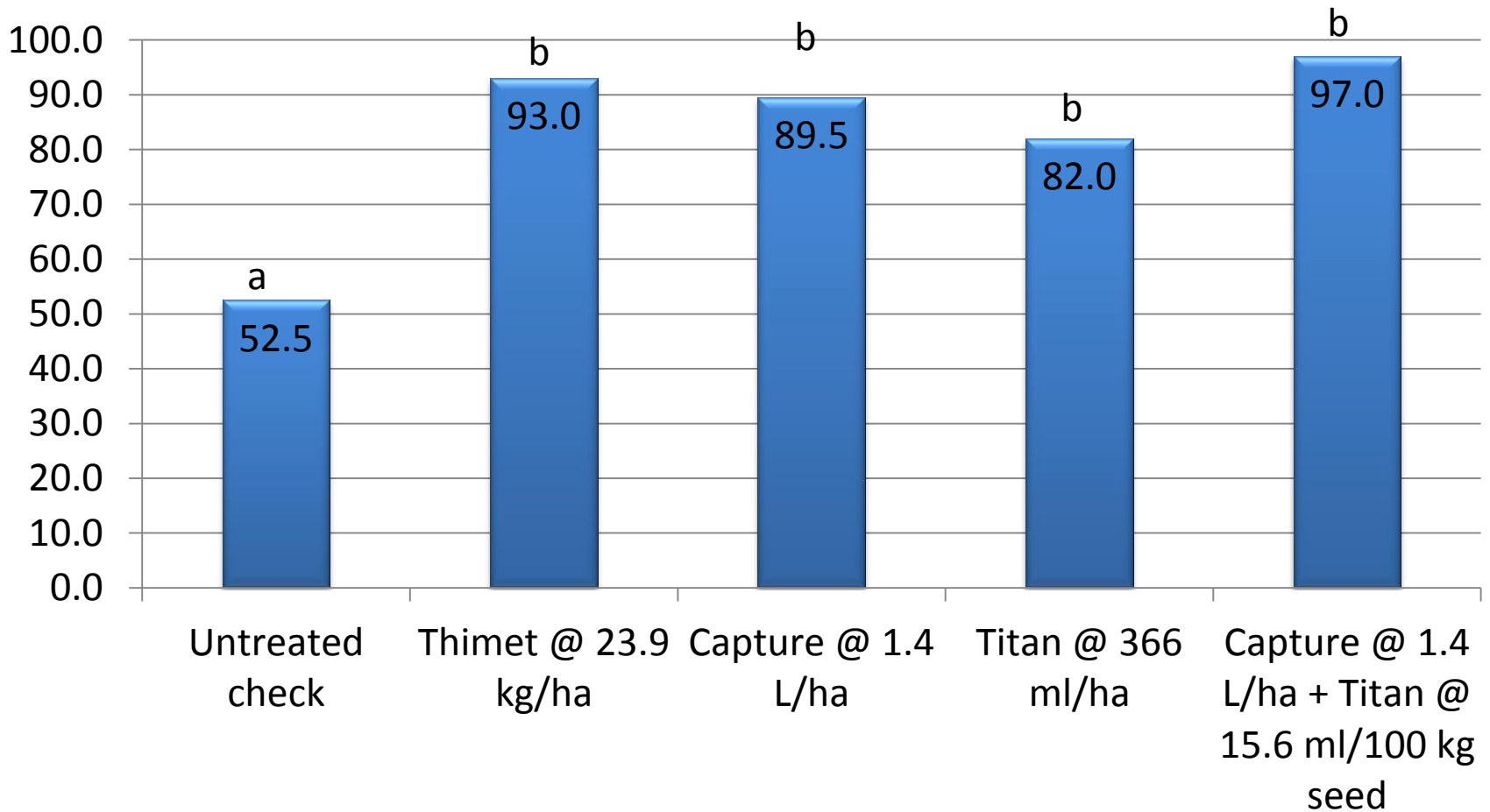
- 2015 Research Trial Results – CAPTURE & Thimet
- 2015 Research Trial Results – CAPTURE “layby application”
- 2015 Field Trial Results – CAPTURE + TITAN
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Capture / Thimet Field Data – PEI 2014

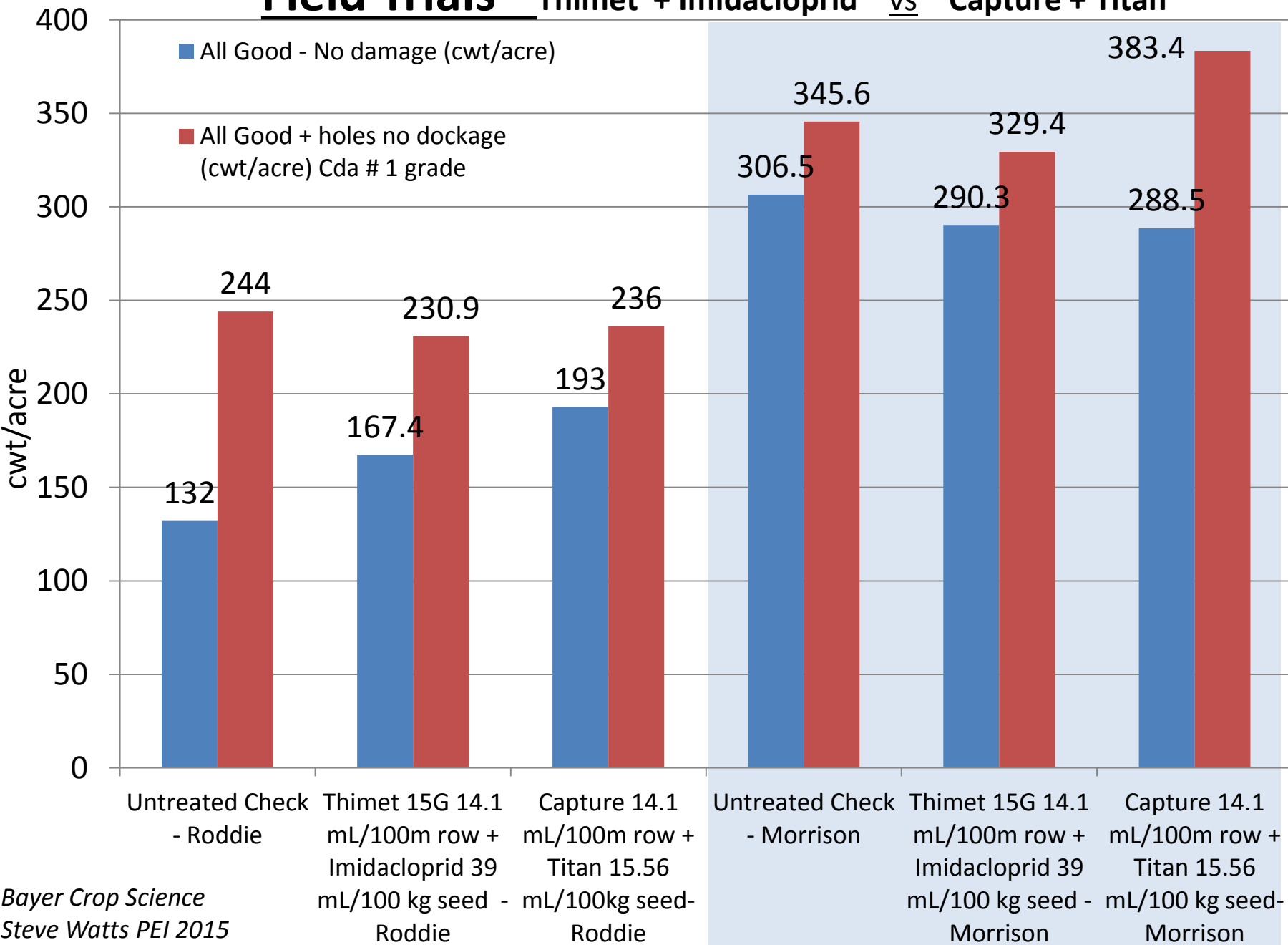


Capture + Titan Trial – PEI

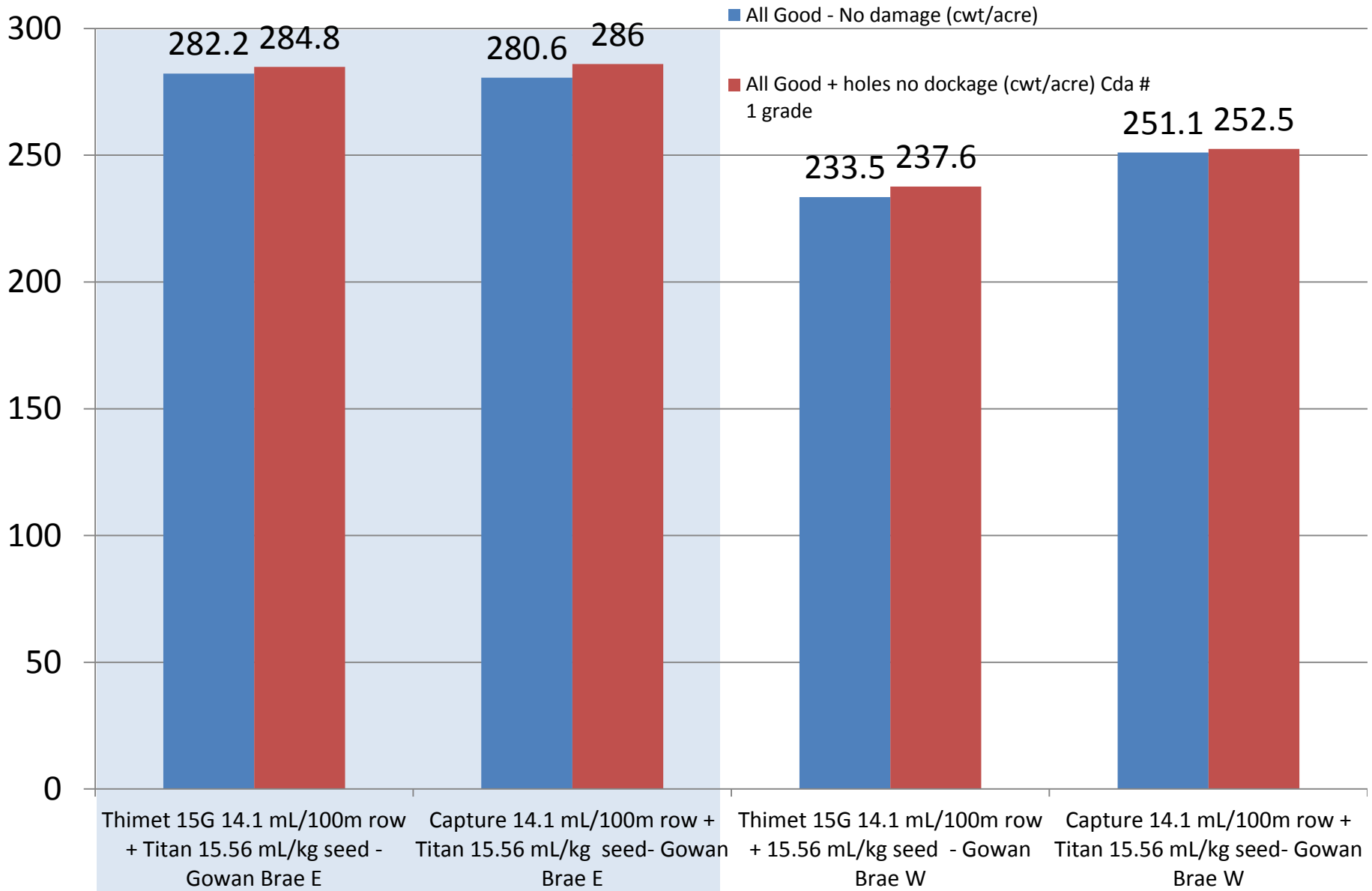
2014



Field Trials - Thimet + Imidacloprid vs Capture + Titan



Field Trials - Capture + Titan / Thimet + Titan



Field Trial Conclusions

- CAPTURE & Thimet provide similar wireworm protection
- Using a neonic like Titan will help with wireworm damage protection

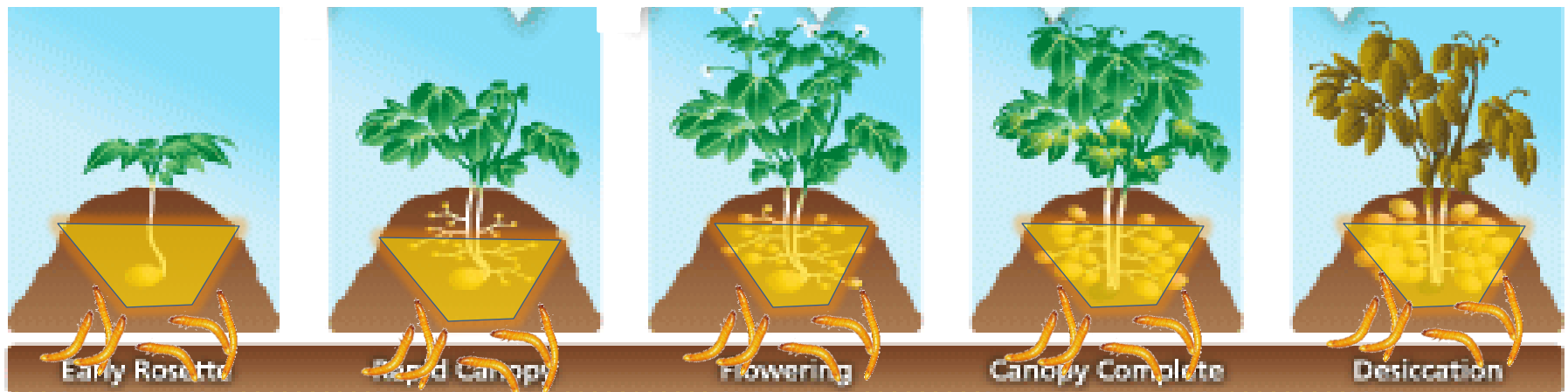
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How does Capture work ?



- Capture provides a protective zone around the mother and daughter tubers.
- Wireworms are repelled by the zone and any daughter tubers that grow outside the zone can be potentially attacked.



How to use Capture



- In-furrow or T-band spray at planting
- Spray wide band as possible in the furrow to protect the mother and daughter tubers.
- The greater the quantity of spray the better coverage and this can be achieved with a minimum of 10 gal/acre (40 Lt/acre) water.
- Capture is a EC formulation - pumps with Viton seals is recommended



Features



- Easy to use liquid formulation
- Improved worker safety
- No specialized application equipment required
- Compatible with most other insecticides, fungicides & fertilizers





More Information

- CAPTURE - crop pro online presentation
- www.fmccrop.ca

THANK YOU

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