

The European Wireworm Research Network

EWRN



European Wireworm Research Network

1st Workshop

**July 7th 2024
Oslo, Norway**



Posters & Com: 1st EWRN Workshop

The logo for the European Wireworm Research Network (EWRN) consists of the letters 'EWRN' in white, bold, sans-serif font on a green rectangular background.A photograph of a single, light-brown wireworm (larva) on a white surface.

European Wireworm Research Network

P1 Evaluation of external parameters influencing the effectiveness of a microbial attract and kill strategy for wireworm control

Elisa Beitzen-Heineke | BIO CARE GmbH | ebh@biocare.de

P2 Horizontal and vertical movement of wireworms, *Agriotes sputator* (Coleoptera: Elateridae) through soil

Christine Noronha¹, M.D Bahar², Suqi Liu³ and Natasha Mosher-Gallant¹

¹Charlottetown Research and Development Centre



Horizontal and vertical movement of wireworms, *Agriotes Sputator* (Coleoptera: Elateridae) through soil

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¹Charlottetown Research and Development Centre

² PMRA- Health Canada

³PEI Department of Agriculture and Land

1st European Wireworm Research Network workshop July 7th, 2024, Oslo Norway



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Canada

Vertical Movement of Wireworms *A. sputator*



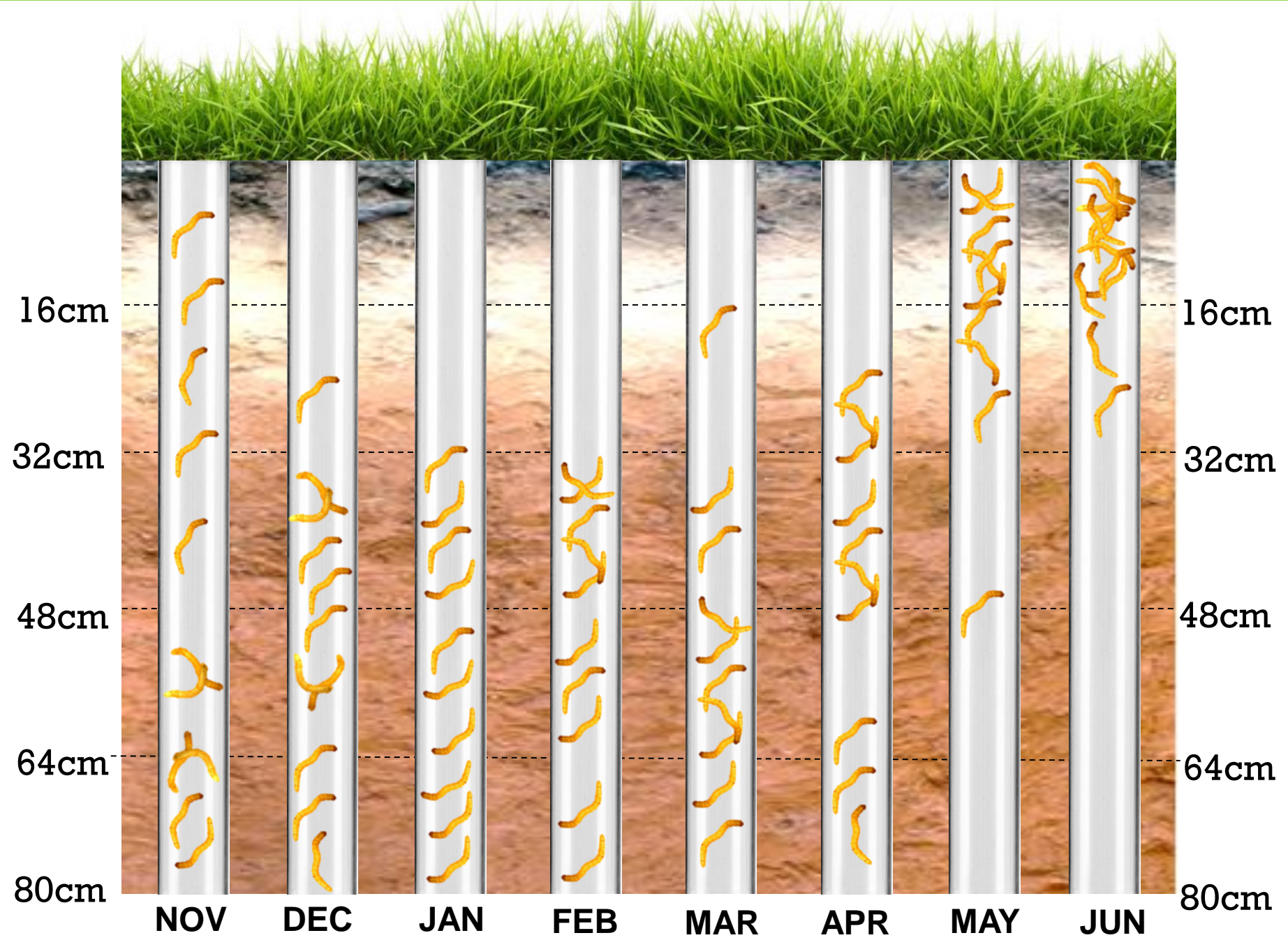
Tuber: 1.2m
10ww/tube

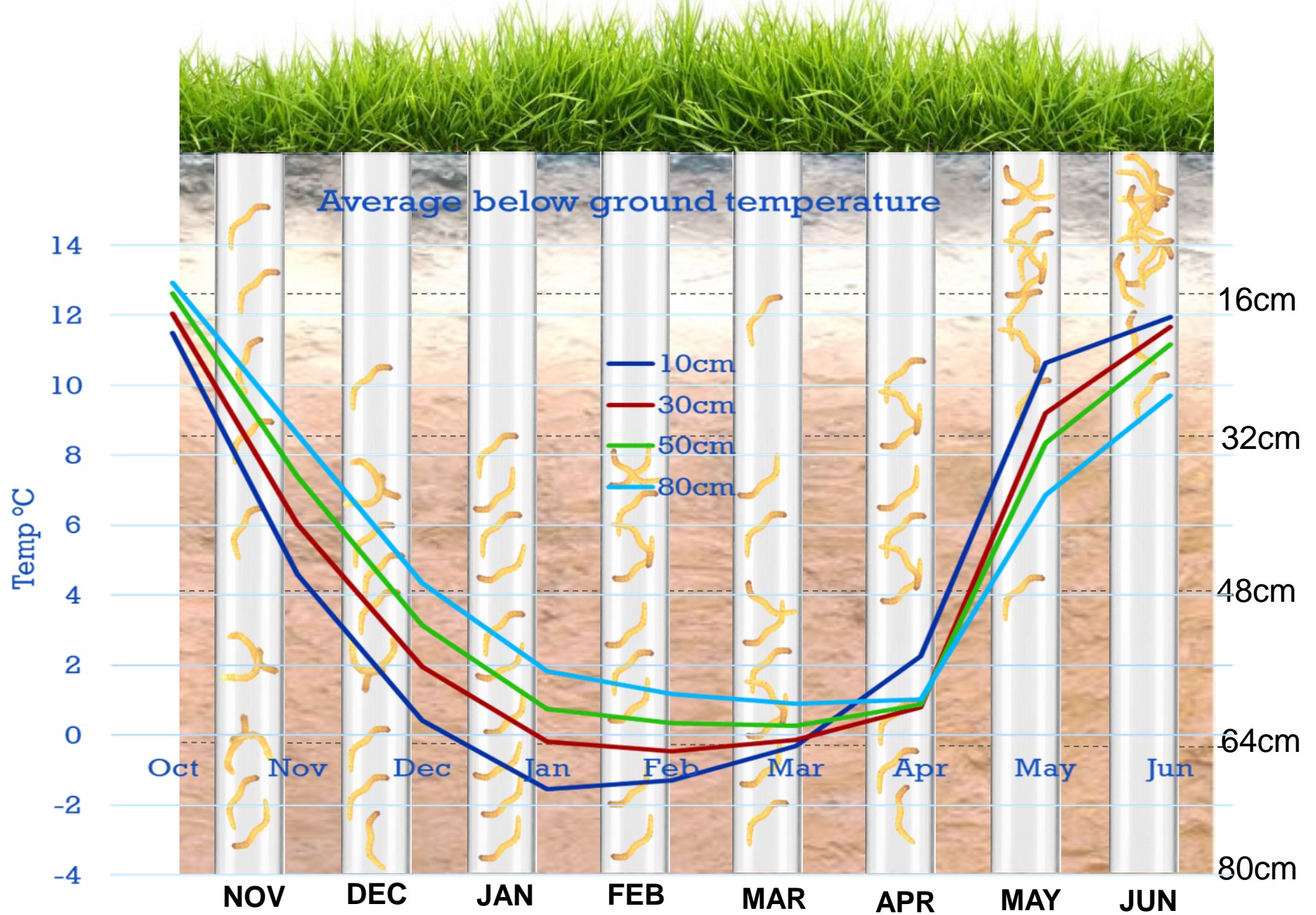
Tubes Removed Once a Month



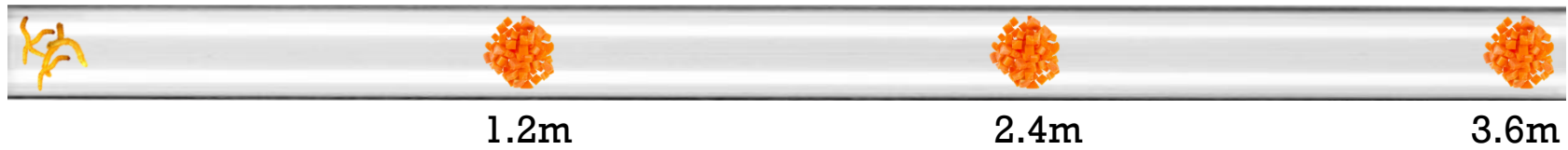
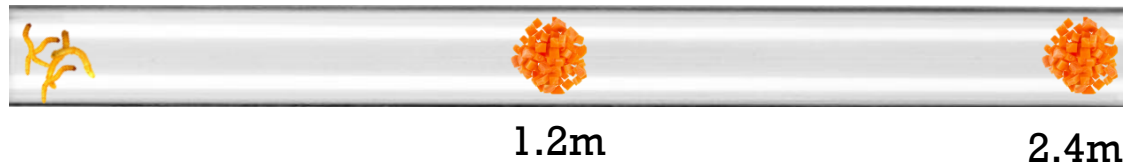
Tubes cut into
7.62cm or 3in
sections



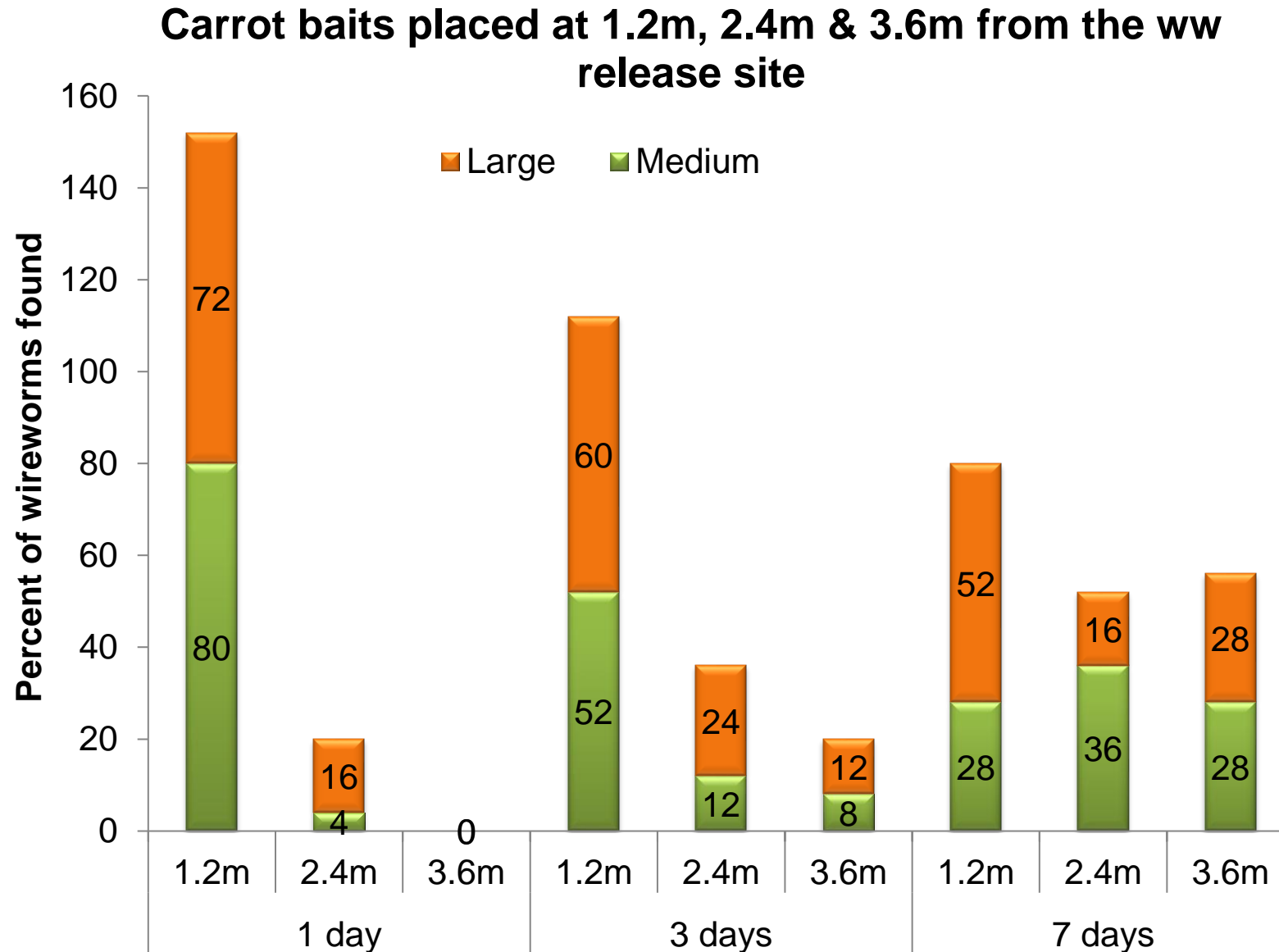




Horizontal Movement of *A. sputator* Wireworms



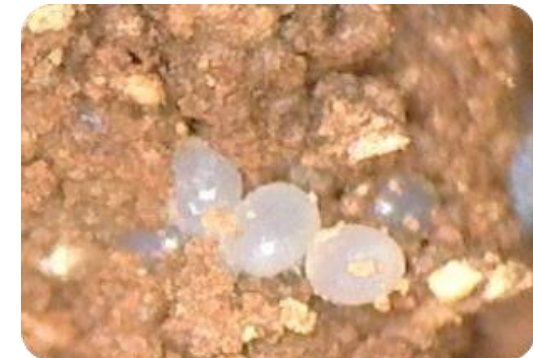
Horizontal Movement of *A. sputator* Wireworms



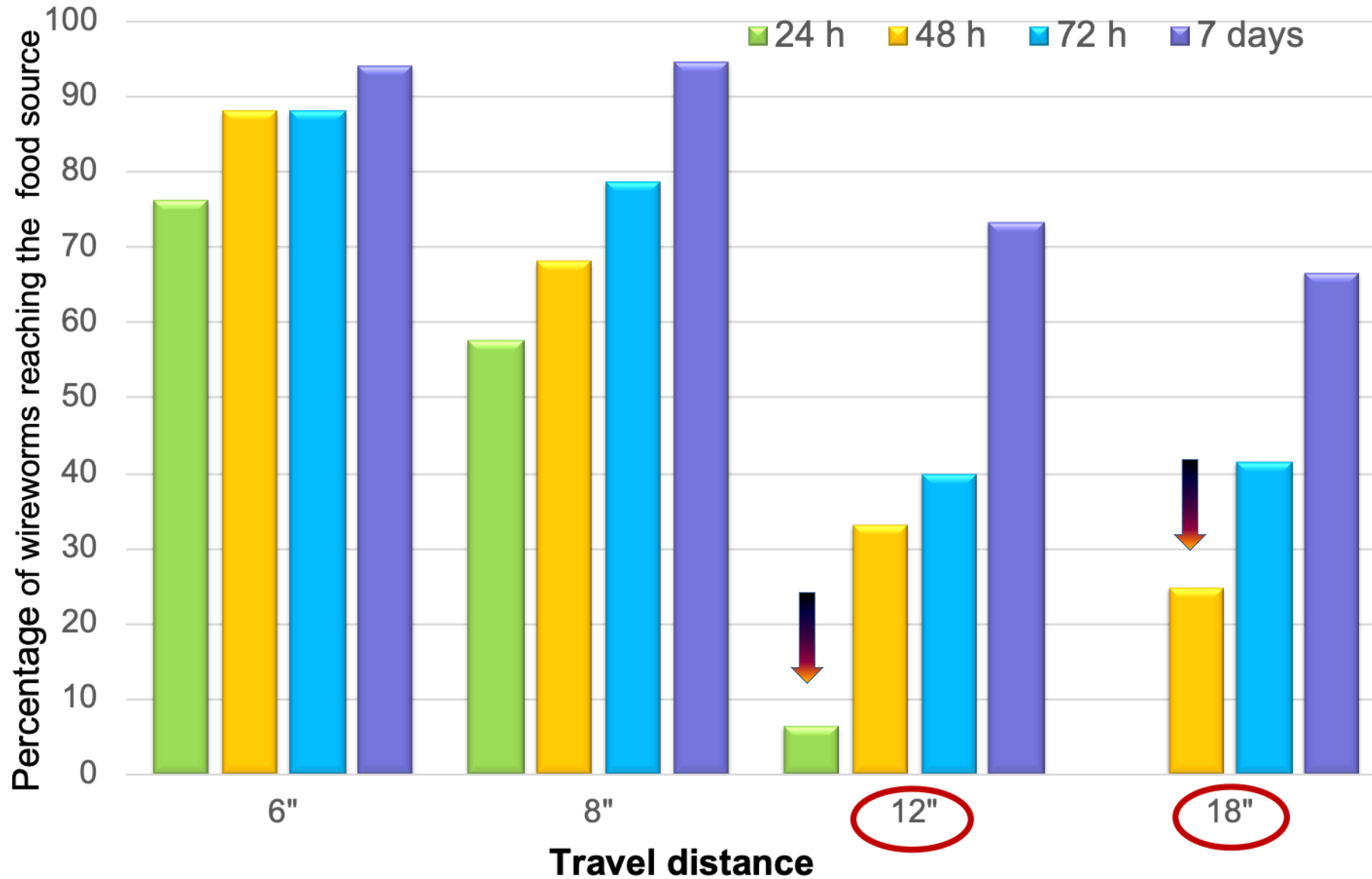
Distance Travelled by *A. sputator* Neonate Wireworms



- **Tube Length:**
 - 15cm (6''), 20cm (8''), 30cm (12''), and 45cm (18'').
- **Five replicates/distance.**
- **Five neonate wireworms per replicate.**
- **Carrot as food source placed at the bottom of the tube.**



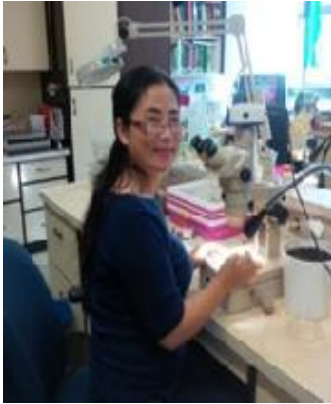
Distance Travelled by *A. sputator* Neonate Wireworms



Thanks to the Entomology Research Team and Funding Partners



Dr. MD Bahar



Dr. Suqi Liu



Natasha Mosher-Gallant



Nancy Gormley



Agriculture and Agri-Food Canada

Agriculture et Agroalimentaire Canada



Canadian Horticultural Council

Conseil canadien de l'horticulture

The voice of Canadian fruit and vegetable growers



Students Katie-Lynn, Matt, Courtney, Danielle, Marion, Holly, Meagan



Dan Ulrick and Dave Carragher



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Thank you for listening

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