



Plutex[®] Granulovirus for diamondback moth control

Dr. Heidi Widmer, 24 October 2022, Bernard Blum Award, ABIM



Andermatt Biocontrol Suisse

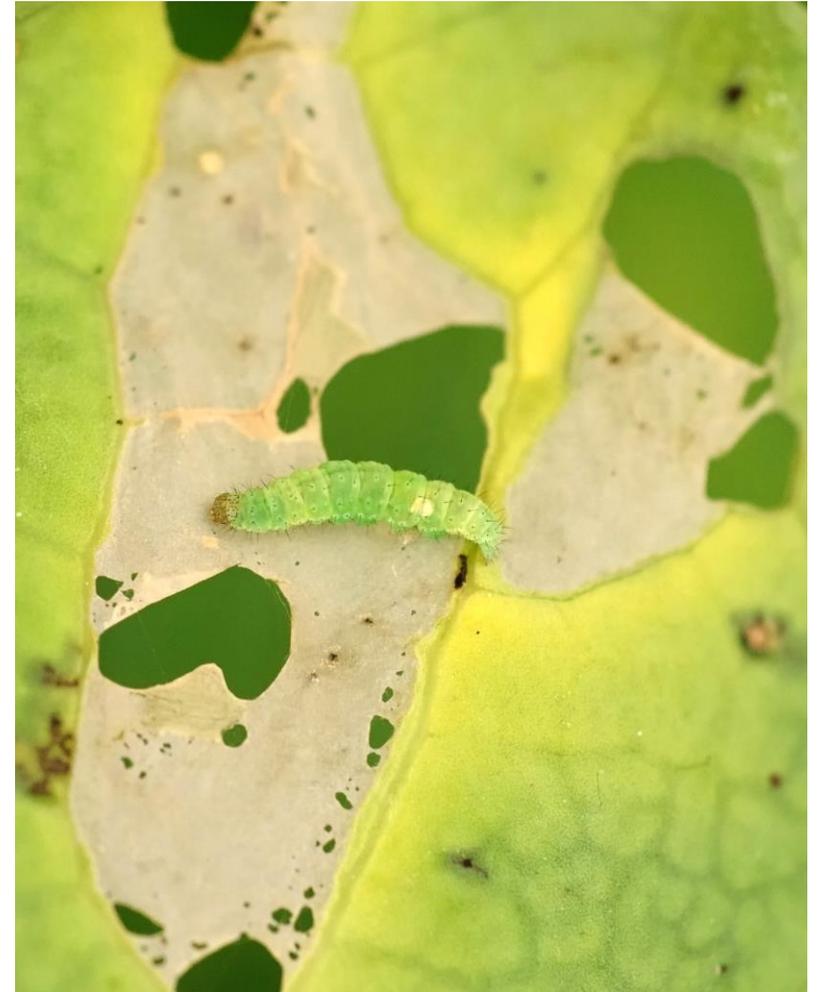
- Global leader for developing and producing insect pathogenic baculoviruses
- Since 1988
- 11 baculovirus products
- Worldwide distribution through Andermatt Group and distributors



Diamondback moth – *Plutella xylostella*

- Most destructive pest in cruciferous crops
 - Cosmopolitan
 - Highly migratory
 - Up to 14 generations per year
 - Resistance against many insecticides

➤ Why do growers need Plutex?



New solutions needed

1. Resistance management
2. Residue restrictions
3. Toxicity of insecticides to environment



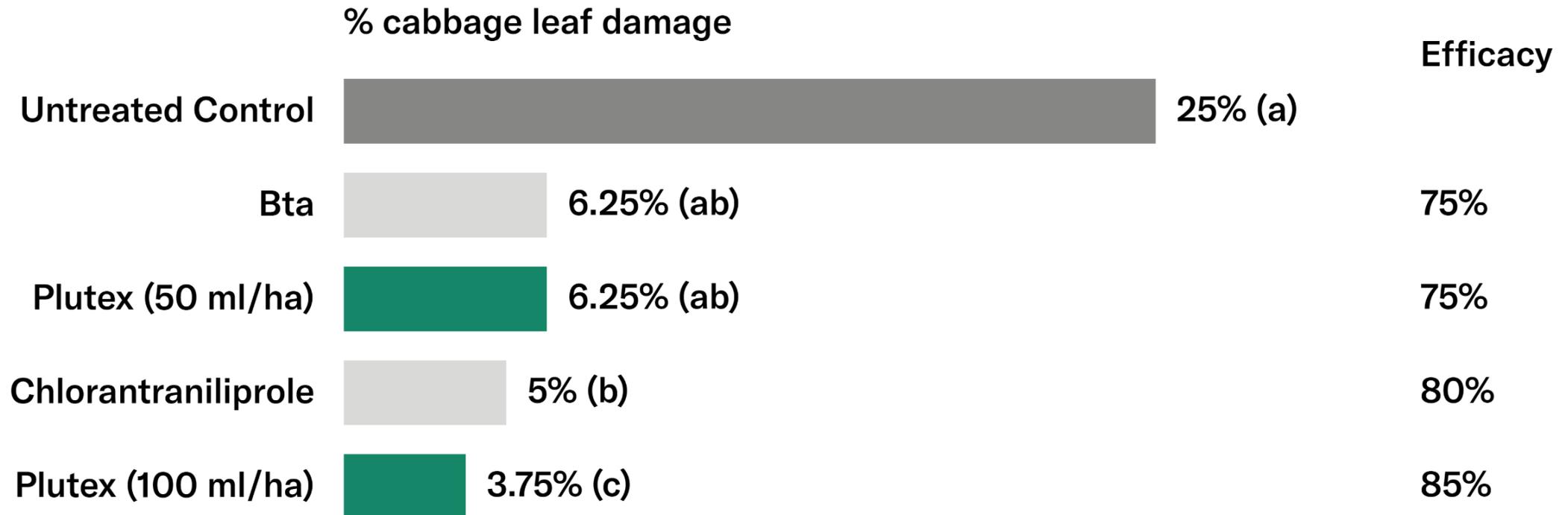
Plutex – new mode of action

- **Target insect:** Diamondback moth (*Plutella xylostella*)
- **Active ingredient:** *Plutella xylostella* granulovirus (PlxyGV) GV-0020
- **Formulation:** Suspension concentrate (SC)
- **Concentration:** 2.5×10^{13} OB/L

- **Standard application rate:** 100 ml/ha
- **Standard application interval:** weekly



Plutex – proven efficacy



Trial conducted by FarmForest Research, Canada, 2020

Plutex – on the way to market

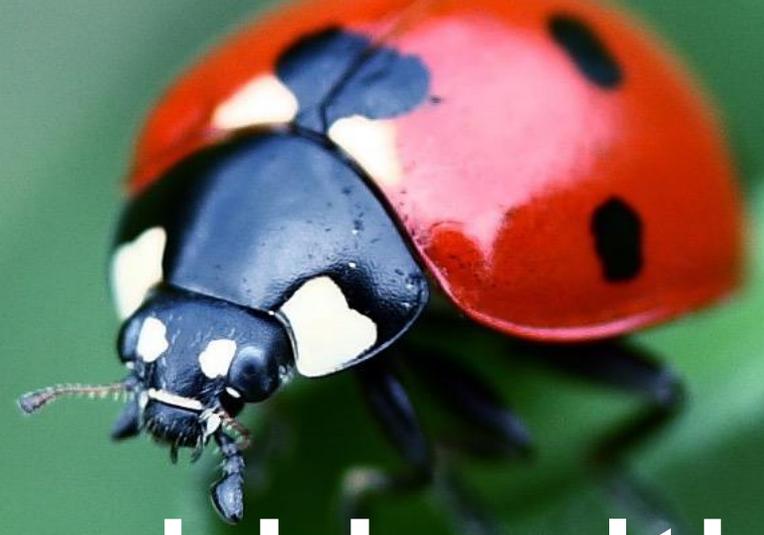
- Dossier submitted in Canada in 2021
- Registrations in preparation in several countries in Africa, America and Asia
- Field trials running around the world



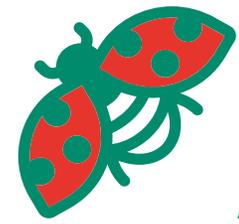
Plutex – an innovative solution

- Scientific
- Unique
- Flexible
- Sustainable





Healthy Food and Healthy
Environment, for all



Andermatt