

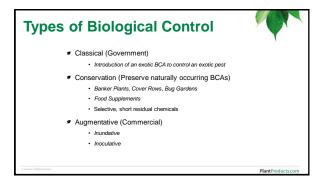




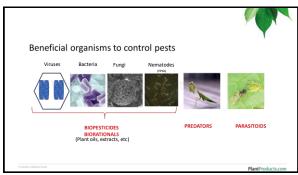
Outline ■ Types of Biological Control (BC) Tools in the BC toolbox Case Studies (BMSB, WAA and RAA) Other Tools in the IPM toolbox Main challenges of BC in orchards Conclusions

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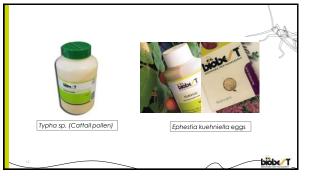
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What are Food Supplements? High nutritional foods for predators or parasitoids • Sustain and reproduce BCAs even with low or no prey/ flowers • Accelerate and enhance BCAs development

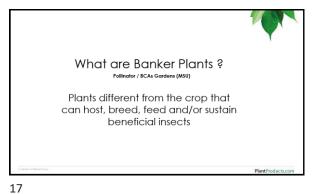
- Achieve an effective and sustained pest control
- Rebuild BCAs population after a chemical treatment
- Increase and establish BCAs at an affordable cost
- Sustain populations of naturally occurring BCAs

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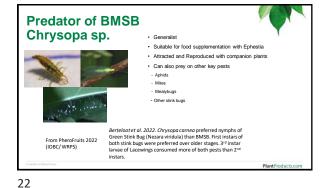


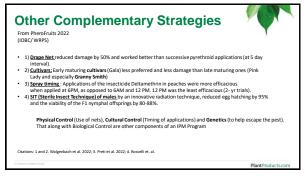




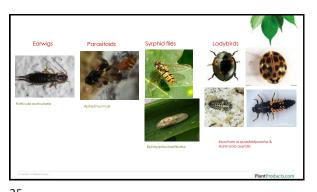










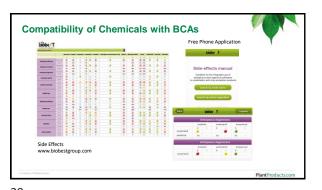




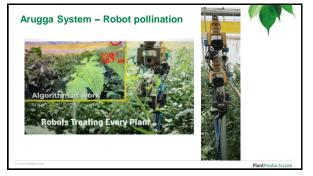
Main Challenges # Use of old chemistry (disrupts IPM programs) - Broad spectrum products - Long residual products # Methods of applications of BCAs (macros) # Availability of commercial BCAs (macros) for Augmentative releases On the + side: Biopesticides and Biorationals excellent transition products (low residual + most have some specificity), to fill in the gaps left by banned/soon to be banned pesticides. Progress being made with drone application of BCAs (helicopter applications of nematodes in the past). Automated scouting and Al + Machine learning

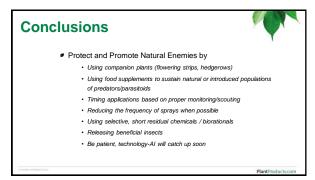


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Thank You! Questions?

Contact us for further information or to set up demos

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