









Myths about biological control

- With bio-control, I will always have higher pest levels in my greenhouse.
- I can't use bio-control because my customers have 'zero' tolerance for pests.
- Bio-control is more difficult.
- I need to have an entomologist on staff to make this work.





Myths about biological control

- When using bio-control, I can't spray <u>any</u> pesticide without killing all the 'good' bugs.
- When using bio-control, I will never have to spray again.
- I will only have to introduce bio-control agents (BCA's) once and they will live forever.
- Biological control is more expensive





Facts about biological control

- Bio-control can help in management of pesticide resistance.
- Bio-control requires technical knowledge about pest and BCA's.





Facts about biological control

- Bio-control is often considered when pesticides are no longer (as) effective or when problems arise (too late).
- If bio-control failed (history), it is often because it was started too late. Bio-control requires a more proactive approach
- Bio-control is a solid part of pest management program when used properly





Advantages of bio-control

- Bio-control does not require a pesticide application license (anyone can help/apply)
- No REI's, no PHI's.
- No pesticide disposal issues (run-off).
- Safer workplace: improved worker safety (and happiness).





Advantages of bio-control

- Improved plant/fruit quality (no phytotoxicity).
- No resistance to BCA's (pesticide resistance management)
- "Green"-added value to products









Keys to a successful program

- Educate yourself and talk to IPM/Biological control specialists.
- Delegate responsibility → appoint someone in organization to monitor and execute strategy.
- Review pest problems of previous year(s).
- Review pesticide use in previous year and more important the last 3-4 months.



































































