Quality assurance of biocontrol agents

Rose Buitenhuis
Can you recognize quality?
The bios are @#$%$ !!!

1. Are your expectations too high?
   - Preventative approach needed
   - Bios can’t perform miracles
   - Patience is a virtue, results are not immediate
Do you think I should apply some (more) bios?
The bios are @#&%$ !!!

1. Are your expectations too high?
2. Are your identification skills up-to-date?

• Wrong pest ID
• Wrong bio for the pest
The bios are @#&%$ !!!

1. Are your expectations too high?
2. Are your identification skills up-to-date?
3. How did you release the bios?
   • Right timing
   • Right application methods
   • Set bios up for success
The bios are @#$%$ !!!

1. Are your expectations too high?
2. Are your identification skills up to date?
3. How did you release the bios?
4. Are you sure the bios are bad?

- Many places where bios can suffer: cold storage, shipping
- If you suspect a problem, do QA tests to prove it
  - At arrival
  - After release
QA guide for growers

• Open package at receipt

• Simple protocols for most common biocontrol agents

The bios ARE @&%$ !!!

1. Are your expectations too high?
2. Are your identification skills up to date?
3. How did you release the bios?
4. Are you sure the bios are bad?

If a problem is detected – contact supplier, adjust release rates