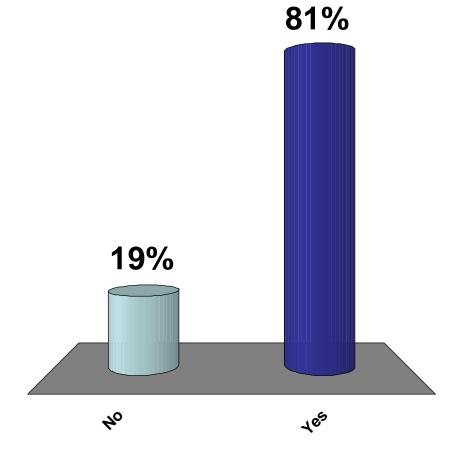


Are you in Yakima?

1. No

2. Yes

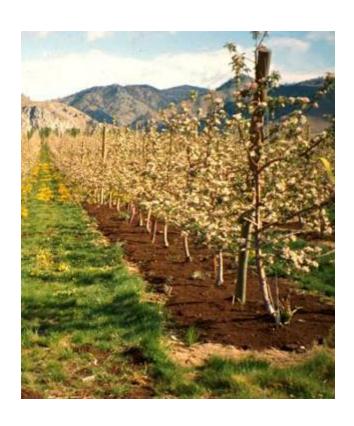


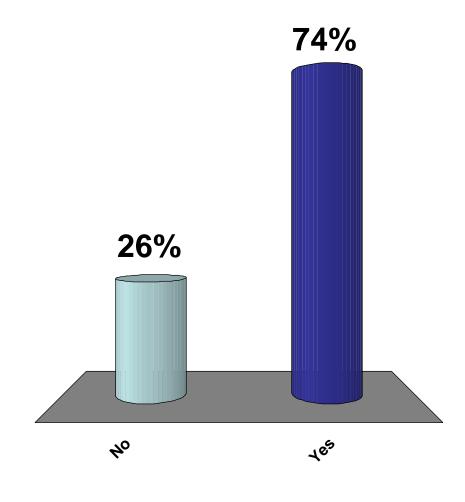


Do you work with organic orchards?

1. No

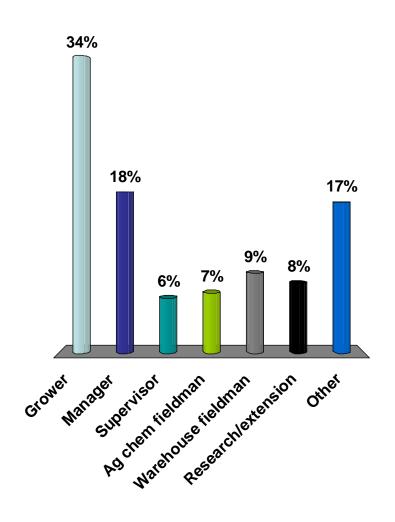
2. Yes





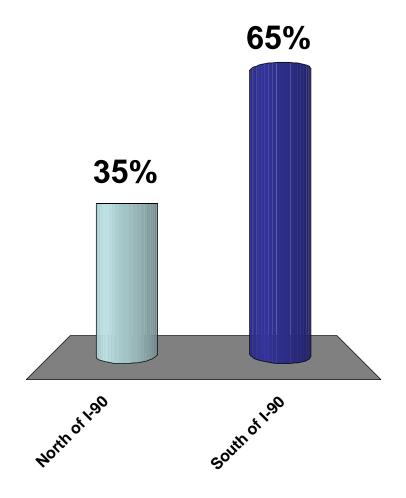
What is your role?

- 1. Grower
- 2. Manager
- 3. Supervisor
- 4. Ag chem fieldman
- 5. Warehouse fieldman
- 6. Research/extension
- 7. Other



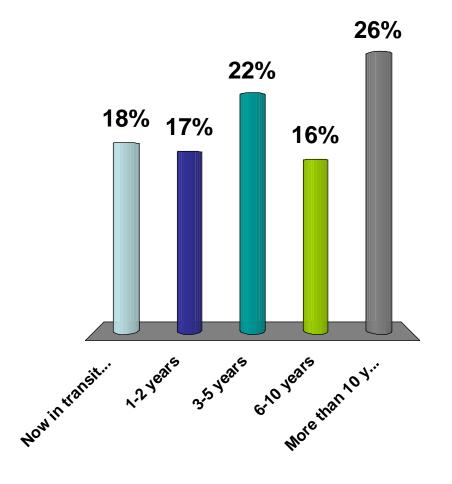
Where is most of your organic orcharding?

- 1. North of I-90
- 2. South of I-90



How long have you been in organic orcharding?

- 1. Now in transition
- 2. 1-2 years
- 3. 3-5 years
- 4. 6-10 years
- 5. More than 10 years

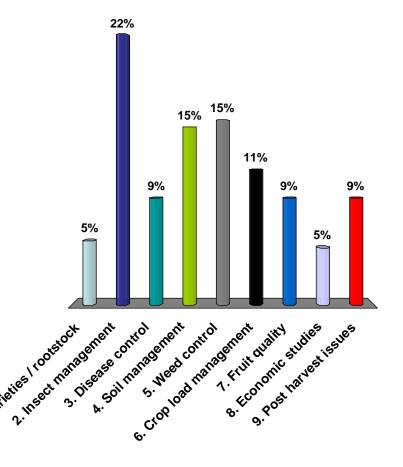


Question 1a.

Choose your highest priority for organic tree fruit research.

1st Priority

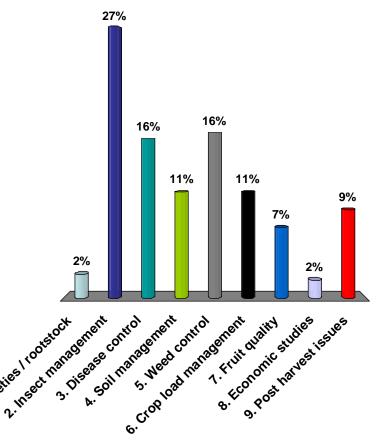
- 1. New varieties / rootstock
- 2. Insect management
- 3. Disease control
- 4. Soil management
- 5. Weed control
- 6. Crop load management
- 7. Fruit quality
- 8. Economic studies
- 9. Post harvest issues



Question 1b.

Choose your 2nd highest priority for organic tree fruit research.

- 2nd Priority
- 1. New varieties / rootstock
- 2. Insect management
- 3. Disease control
- 4. Soil management
- 5. Weed control
- 6. Crop load management
- 7. Fruit quality
- 8. Economic studies
- 9. Post harvest issues

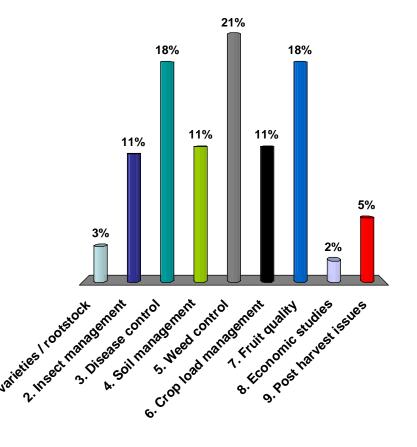


Question 1c.

Choose your 3rd highest priority for organic tree fruit research.

3rd Priority

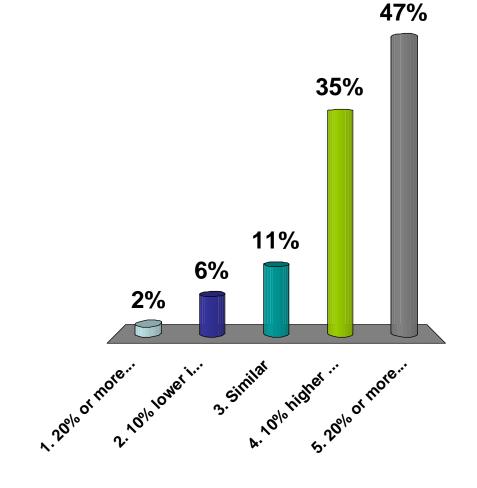
- 1. New varieties / rootstock
- 2. Insect management
- 3. Disease control
- 4. Soil management
- 5. Weed control
- 6. Crop load management
- 7. Fruit quality
- 8. Economic studies
- 9. Post harvest issues



Question 2.

How would you compare the cost of production for organic tree fruit to similar conventional production?

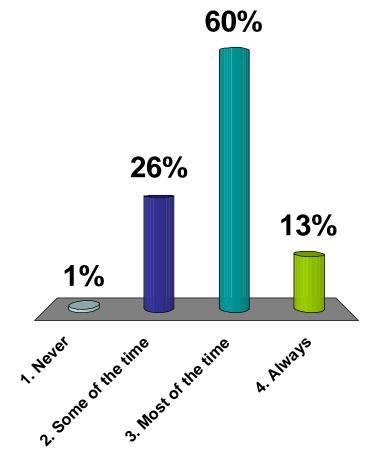
- 1. 20% or more lower in organic
- 2. 10% lower in organic
- 3. Similar
- 4. 10% higher in organic
- 5. 20% or more higher in organic



Question 3.

Do the returns from organic production offset the added costs of growing fruit organically?

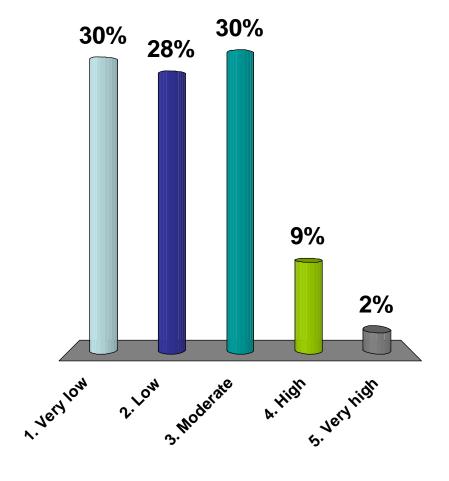
- 1. Never
- 2. Some of the time
- 3. Most of the time
- 4. Always



Question 4.

How satisfied are you with your current options for weed control in organic orchards?

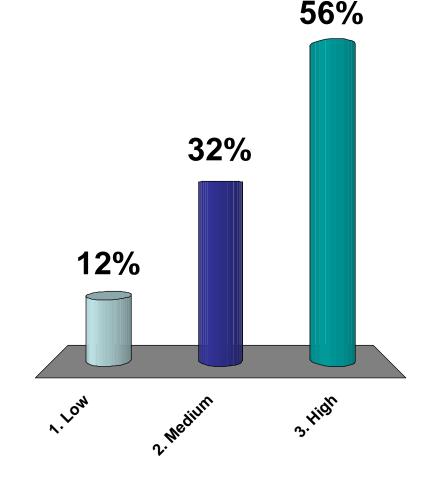
- 1. Very low
- 2. Low
- 3. Moderate
- 4. High
- 5. Very high



Question 5.

Rank the importance of developing in-orchard nitrogen sources (e.g. legumes, N fixing microbes)?

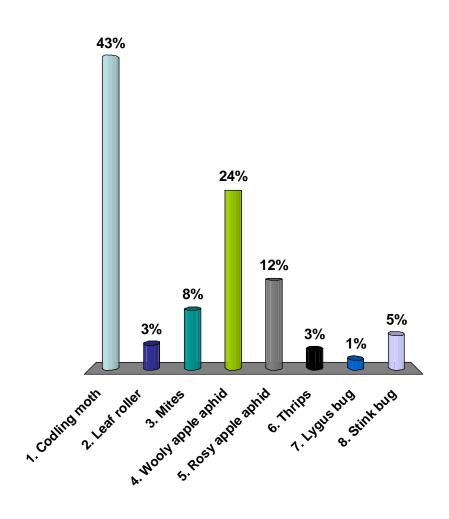
- 1. Low
- 2. Medium
- 3. High



Question 6a.

Rank the most difficult insect pest to control in organic apple production.

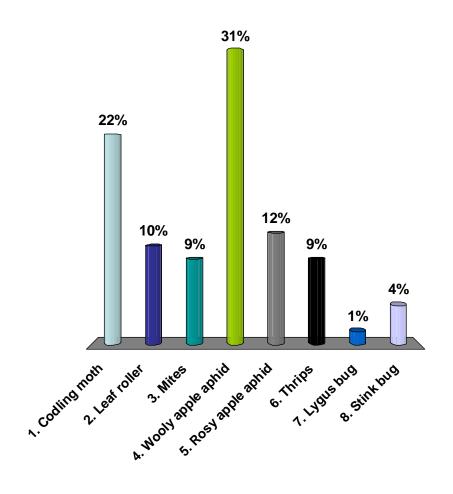
- 1. Codling moth
- 2. Leaf roller
- 3. Mites
- 4. Wooly apple aphid
- 5. Rosy apple aphid
- 6. Thrips
- 7. Lygus bug
- 8. Stink bug



Question 6b.

Rank the second most difficult insect pest to control in organic apple production.

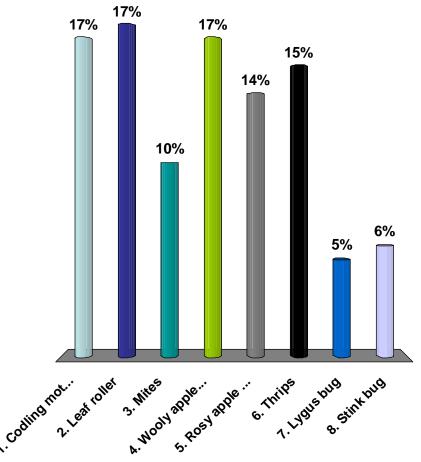
- 1. Codling moth
- 2. Leaf roller
- 3. Mites
- 4. Wooly apple aphid
- 5. Rosy apple aphid
- 6. Thrips
- 7. Lygus bug
- 8. Stink bug



Question 6c.

Rank the third most difficult insect pest to control in organic apple production.

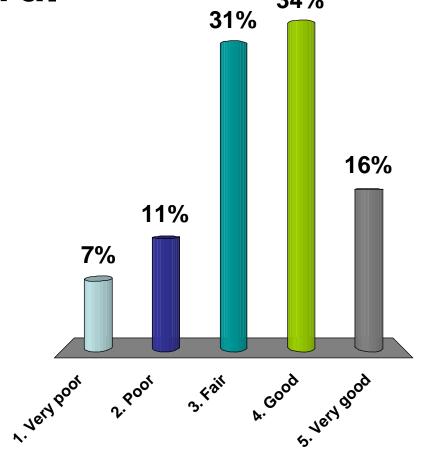
- 1. Codling moth
- 2. Leaf roller
- 3. Mites
- 4. Wooly apple aphid
- 5. Rosy apple aphid
- 6. Thrips
- 7. Lygus bug
- 8. Stink bug



Question 7.

Rate the ability of existing tools to control codling moth in an organic orchard.

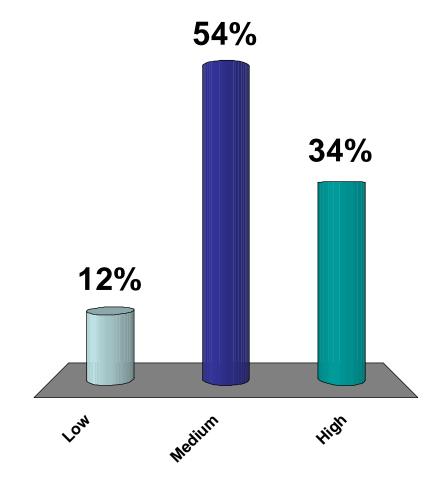
- 1. Very poor
- 2. Poor
- 3. Fair
- 4. Good
- 5. Very good



Question 8.

Rate the need for additional codling moth control tools for organics.

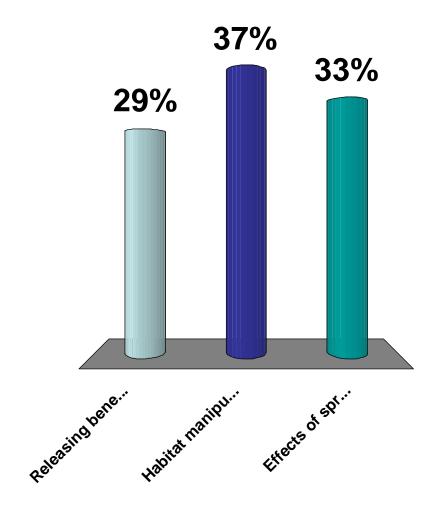
- 1. Low
- 2. Medium
- 3. High



Question 9.

What is your highest priority for insect biocontrol research?

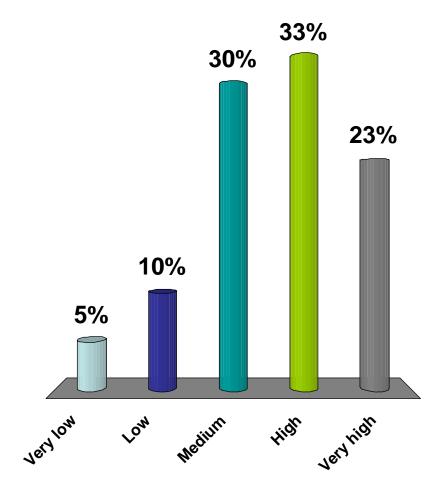
- 1. Releasing beneficials
- 2. Habitat
 manipulation (e.g.
 rose garden, cover
 crops)
- 3. Effects of sprays on beneficials



Question 10.

Rank the need for more research on post-harvest diseases of organic apples.

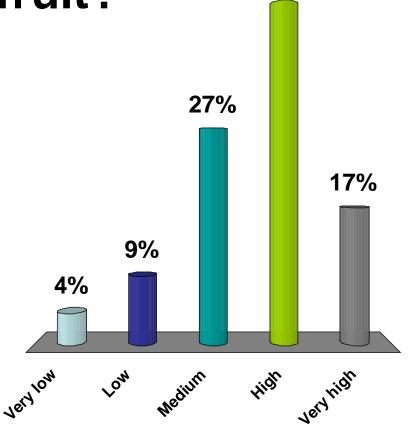
- 1. Very low
- 2. Low
- 3. Medium
- 4. High
- 5. Very high



Question 11.

Rank the importance of research to develop methods to measure soil quality changes and the impacts on trees and fruit?

- 1. Very low
- 2. Low
- 3. Medium
- 4. High
- 5. Very high



Systems Research

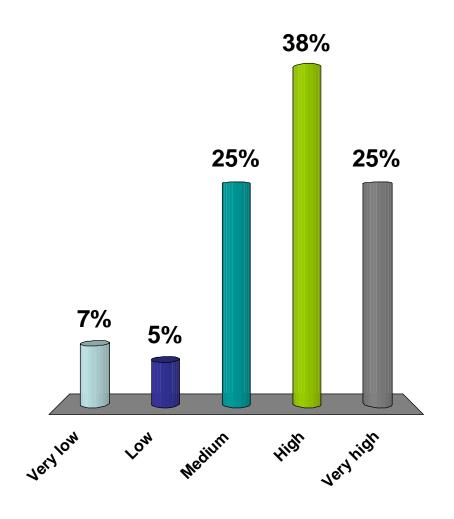
- Long-term
- Interdisciplinary bugs, dirt, and money!
- Interaction of parts effects of soil on fruit quality; fertility and diseases, ...
- Ecological design of the orchard system training systems, rose gardens, ground cover, water use, ...
- Other climate change impacts, energy, etc.

Benefits: more self-regulation of pests, fertility; more stability; lower environmental impact, lower input costs; ...

Question 12.

Rank the importance of investing in a long-term organic research site.

- 1. Very low
- 2. Low
- 3. Medium
- 4. High
- 5. Very high

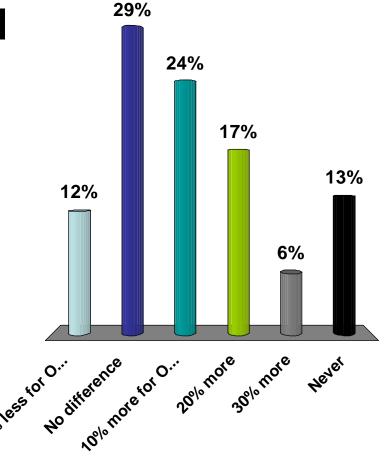


At what point would you consider switching back to conventional production – minimum difference between Organic and Conventional

bin returns of:

1. 10% less for Org.

- 2. No difference
- 3. 10% more for Org.
- 4. 20% more
- 5. 30% more
- 6. Never



Question 13.

