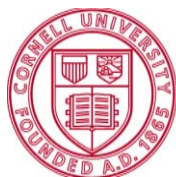




NORTHEAST IPM SPOTTED WING DROSOPHILA DAMAGE ASSESSMENT FOR 2012

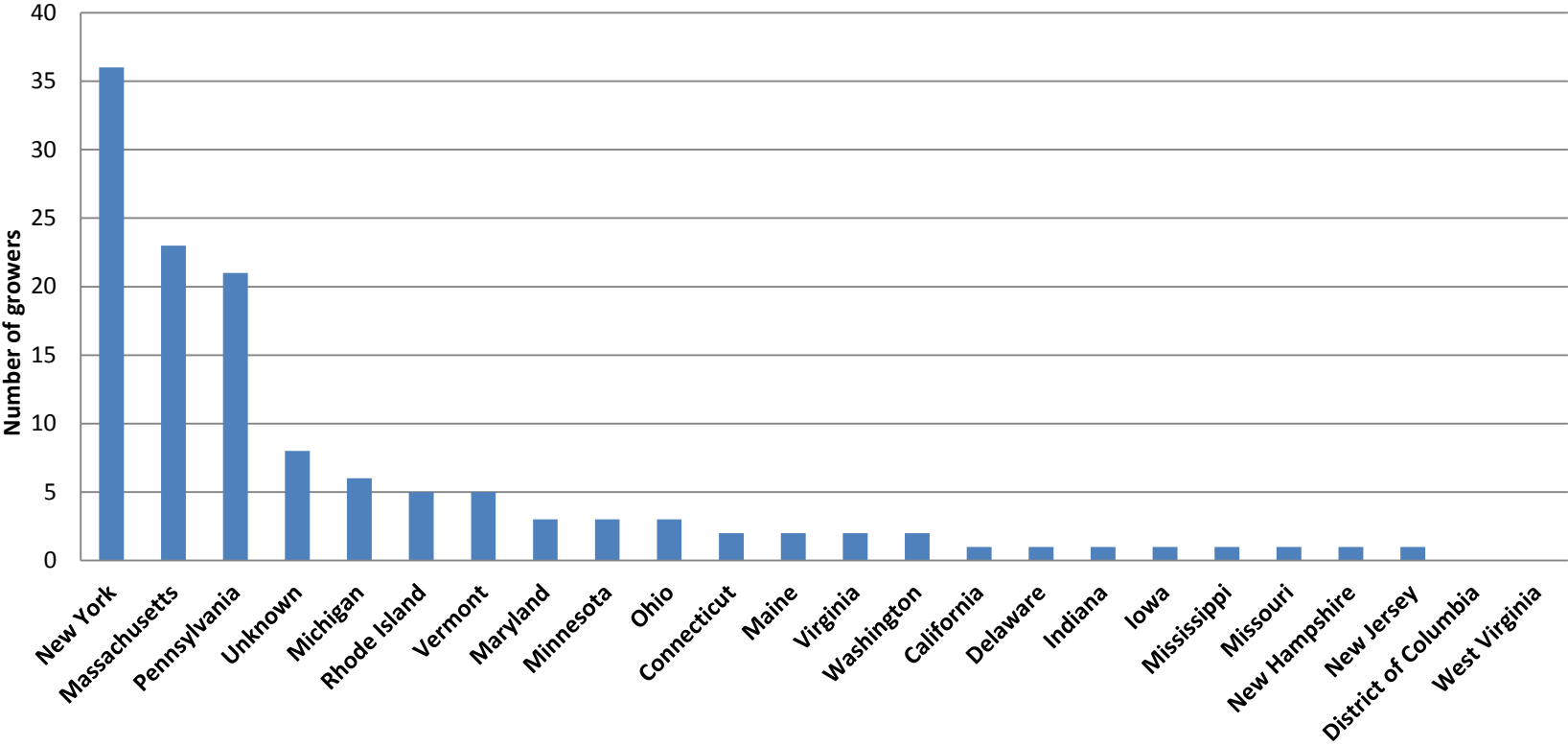
**Greg Loeb, Cathy Heidenreich, Laura
McDermott and Juliet Carroll**



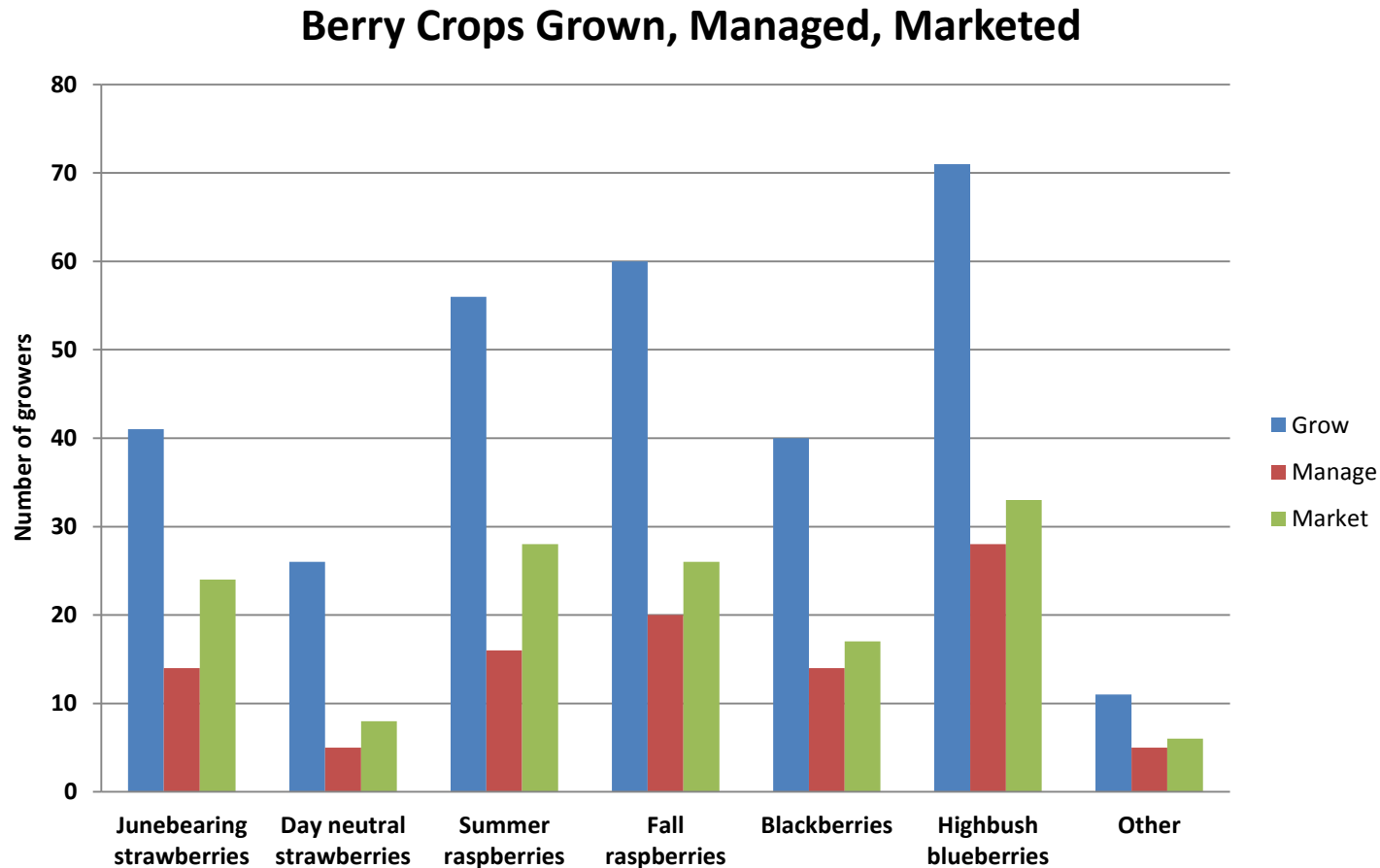
Cornell University
College of Agriculture
and Life Sciences

Q1: In what county and state is your commercial berry operation located?

NEIPM SWD Survey 2012 Respondents by State
(129 total respondents)



Q2: What potential SWD host berry crops do you grow, manage, or market?



Q3: What is your total berry crop acreage?

Maximum: 80 A

Minimum: 0.03 A

Median: 3 A

Mean: 6.8 A

Q3:What portion of your total berry crop acreage was affected by SWD in 2012?

Maximum: 100% (18.6 A)

Minimum: 0%

Median: 20% (0.5 A)

Mean: 34% (1.8 A)

Q5: What berry crop losses did you experience due to SWD in 2012 (volume and value)?

Crop	Growers reporting	Growers with losses	\$ Losses reported
Junebearing strawberries	34	1	\$500
Day neutral strawberries	23	4	\$ 5,300
Summer raspberries	30	10	\$22,760
Fall Raspberries	30	20	\$97,422
Blackberries	25	11	\$59,155
Highbush blueberries	37	17	\$109,950
Hardy kiwifruit	1	1	\$19,000
Total losses			\$314,087

Note: This summary table does not include losses that were expressed as lb, pt or qt without accompanying \$ figures; only those where \$ figures were included were used in these calculations...

Q6: Have your input costs (i.e. harvest labor, scouting/pest monitoring, pesticide inputs, etc.) increased due to SWD?

Yes: 65%

Maximum: \$4,900

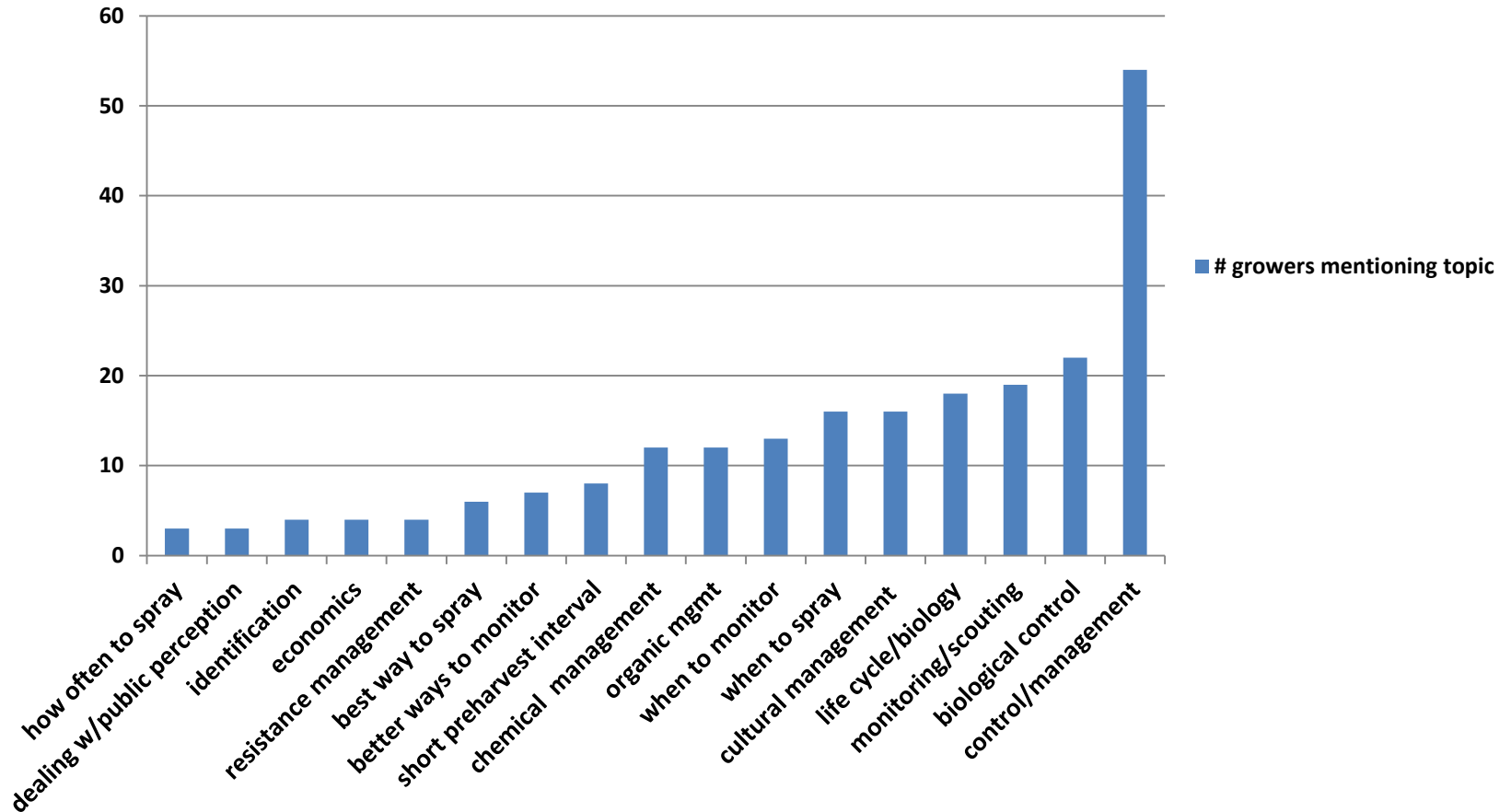
Minimum: \$160

Median: \$950

Mean: \$1,125

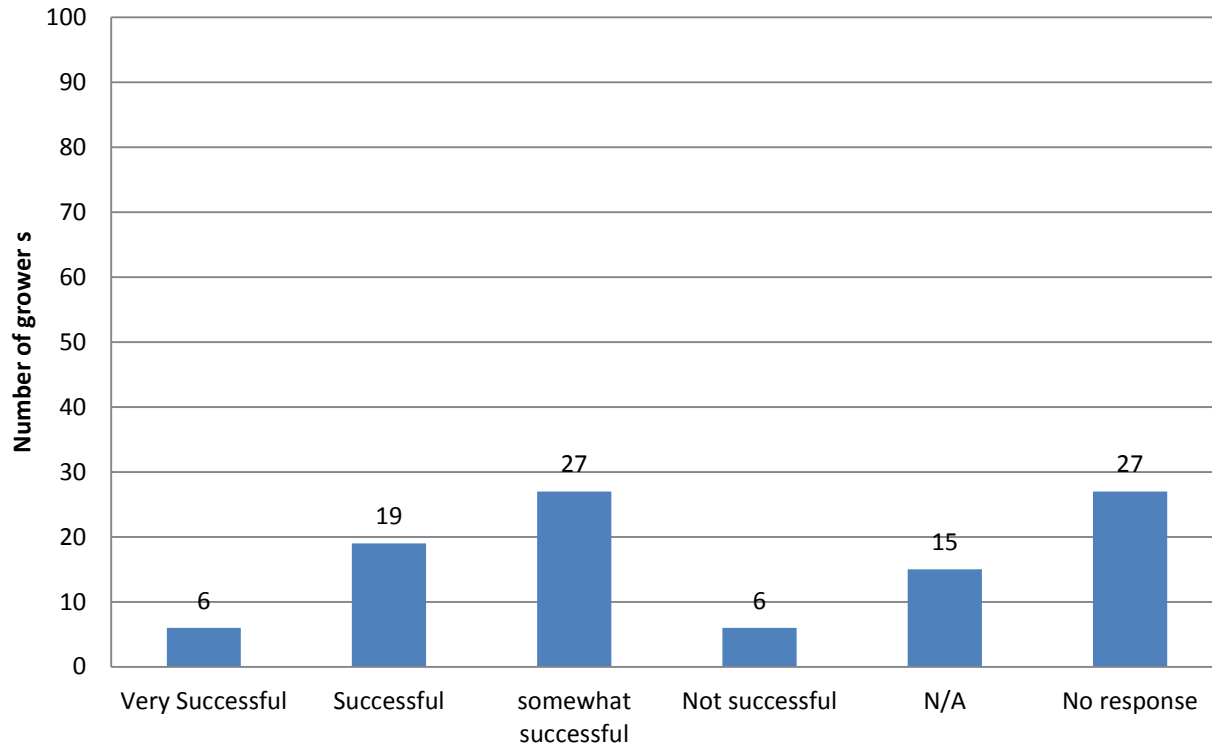
Q7: What is the most important thing we need to learn about SWD?

Most Important Thing to Learn about SWD



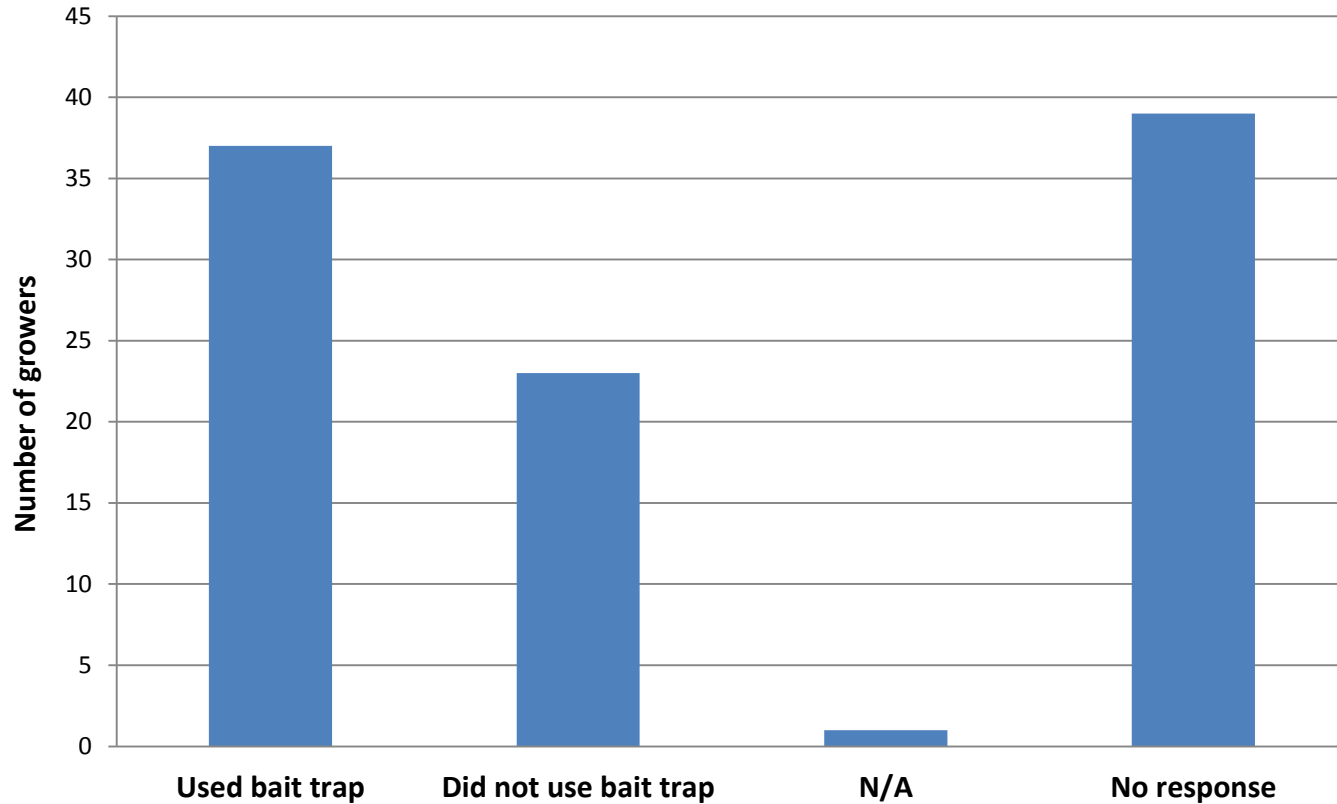
Q8: If yes, were your efforts to manage SWD successful?

How Successful was Your SWD Management



Q10: Did you use a bait trap to monitor SWD in your planting?

Growers Using Bait Traps



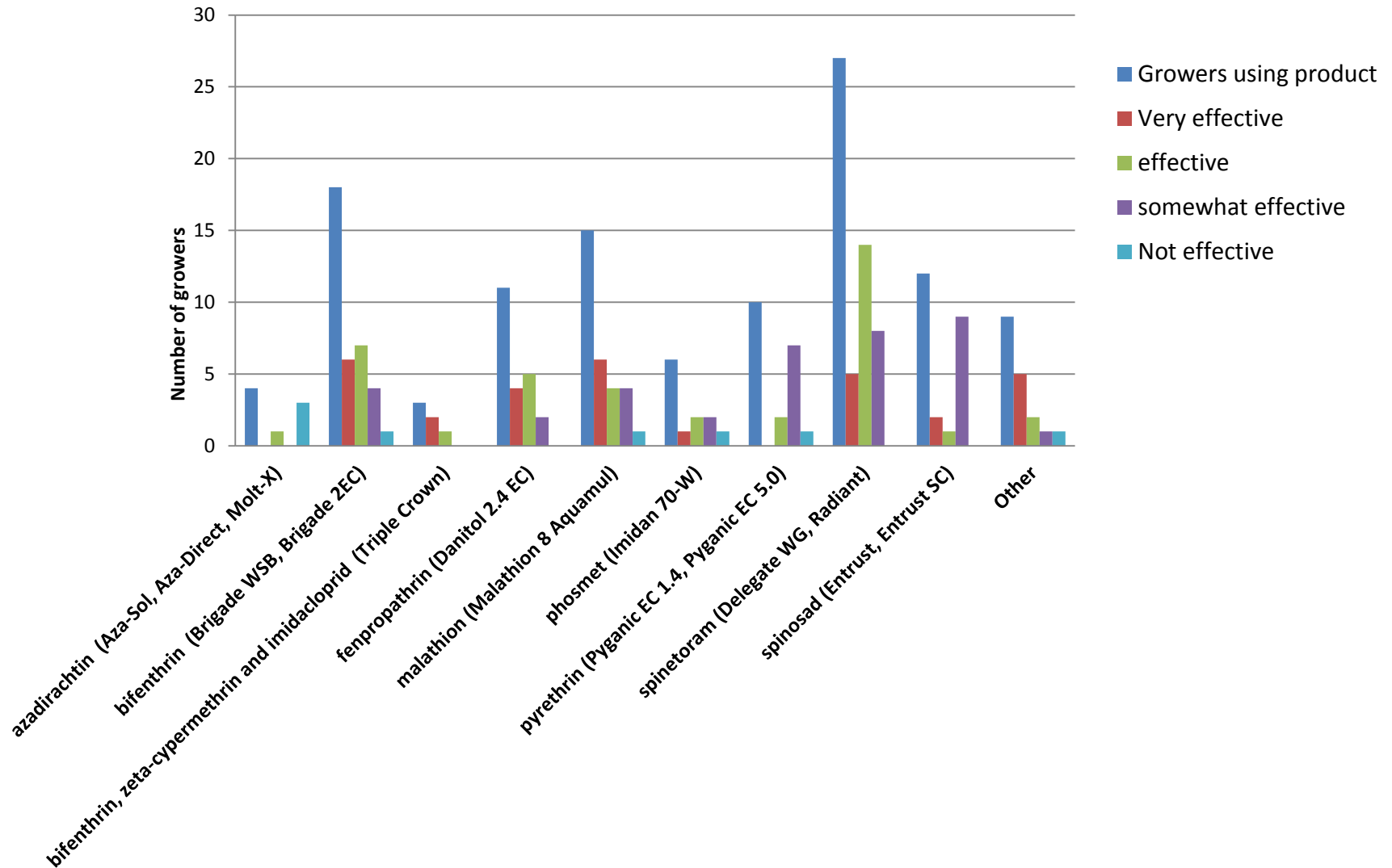
Q11: In your opinion, was the bait trap you used effective?

Effective or somewhat effective:
78% (29/37)

Ineffective: 5% (2/37)

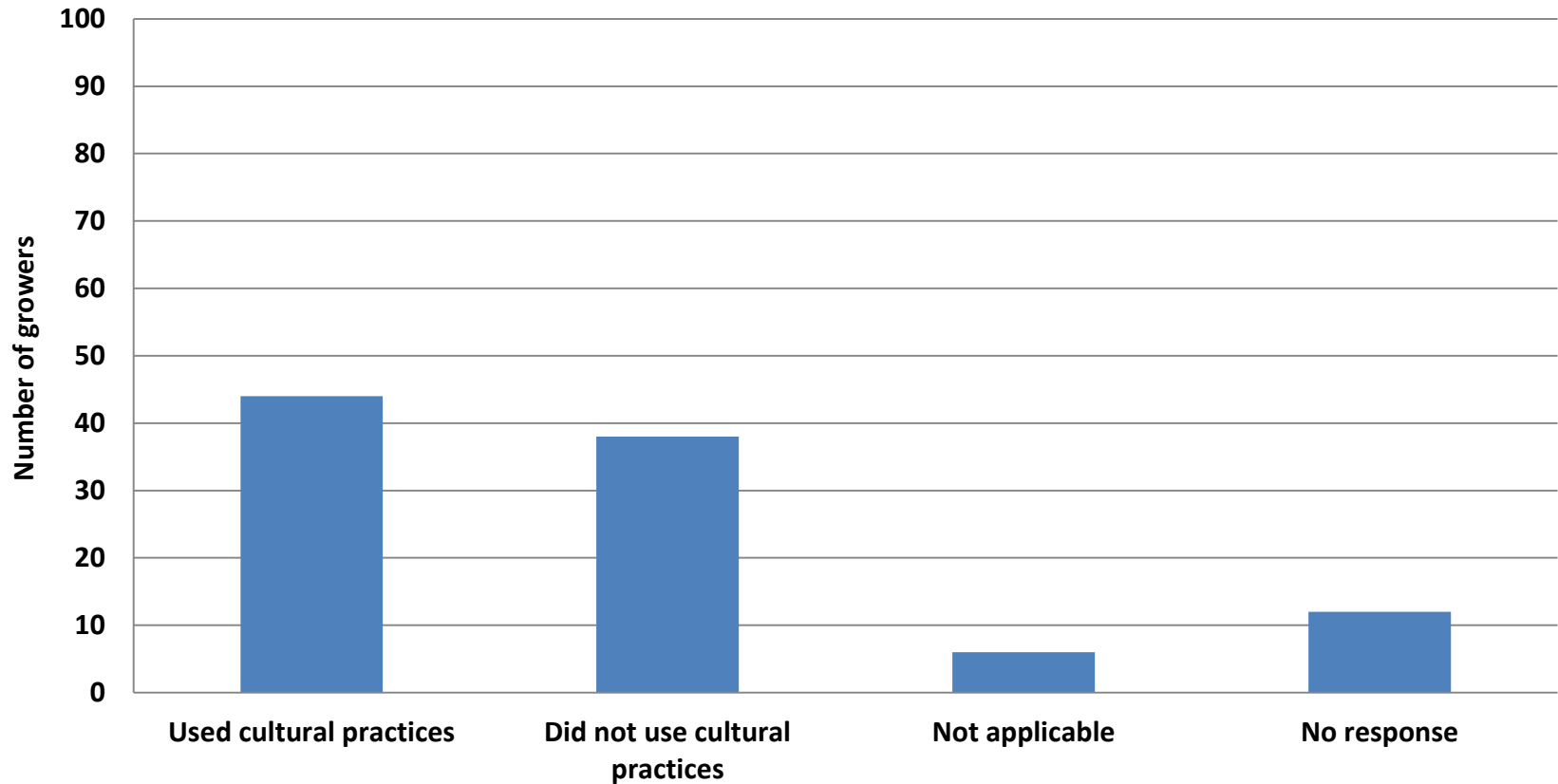
Uncertain: 16% (6/37)

Q12: Did you use any of the following products labeled in NYS?



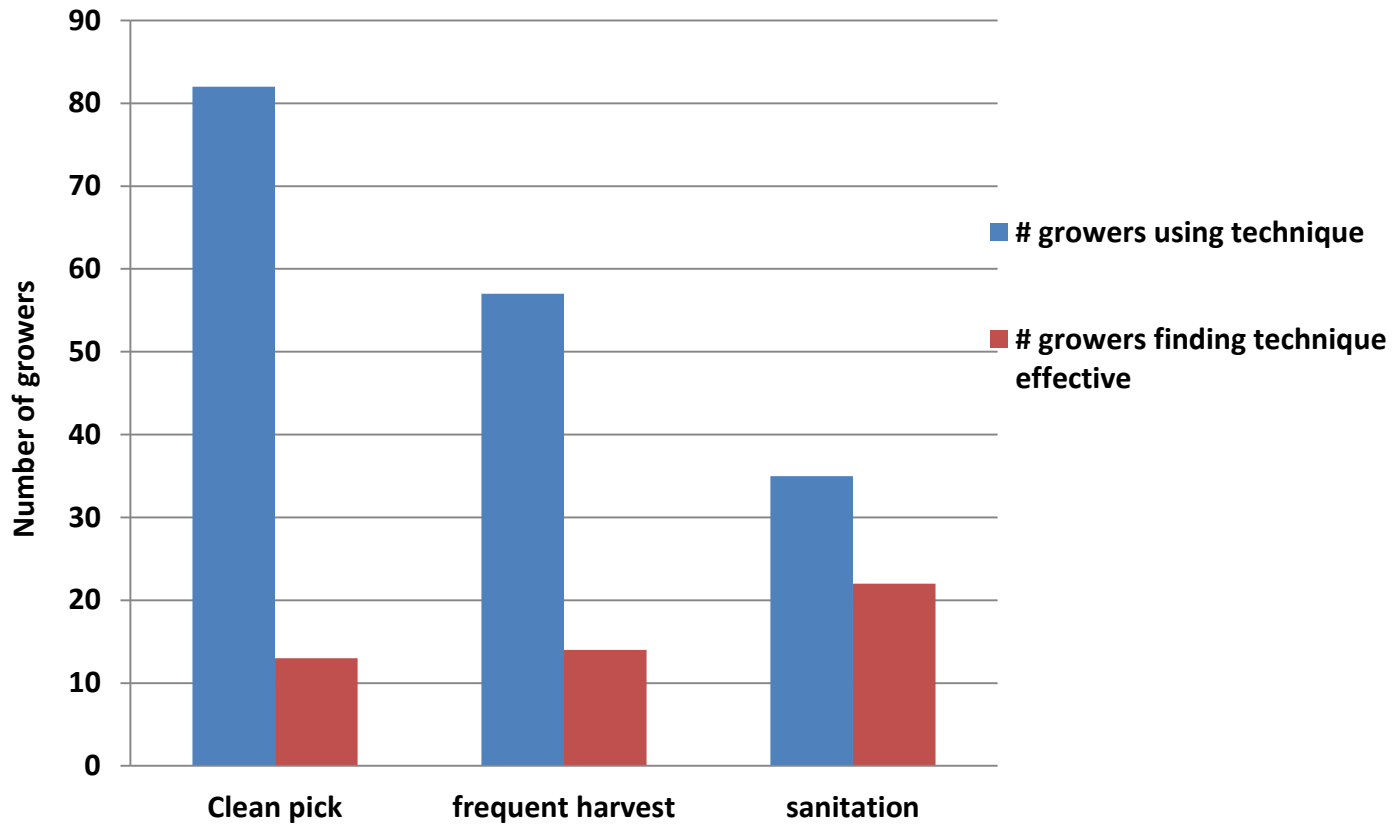
Q13: Did you use any cultural practices to manage SWD ?

Growers Using Cultural Practices for SWD



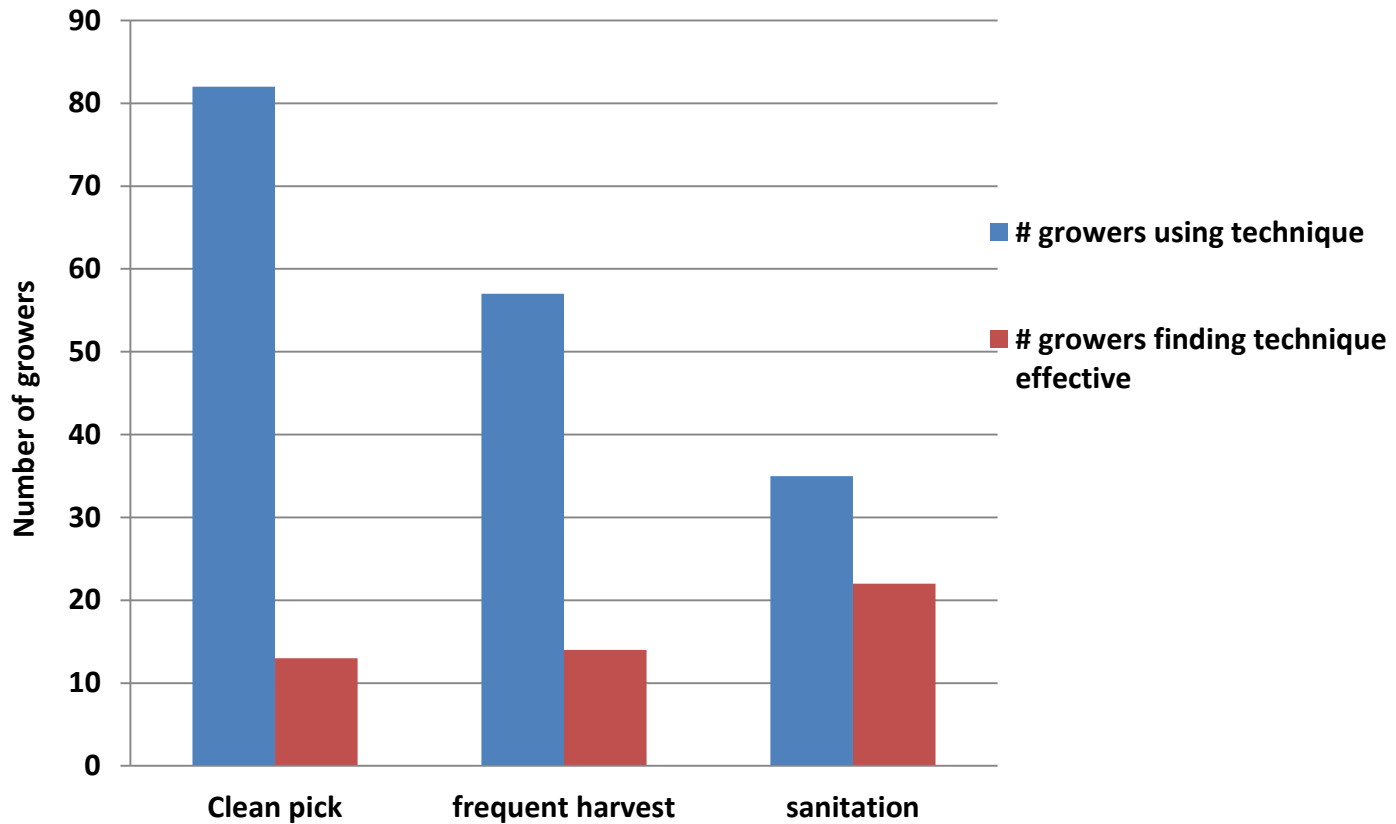
Q14: Indicate effectiveness of cultural practices.

Cultural Practices Used and Effectiveness

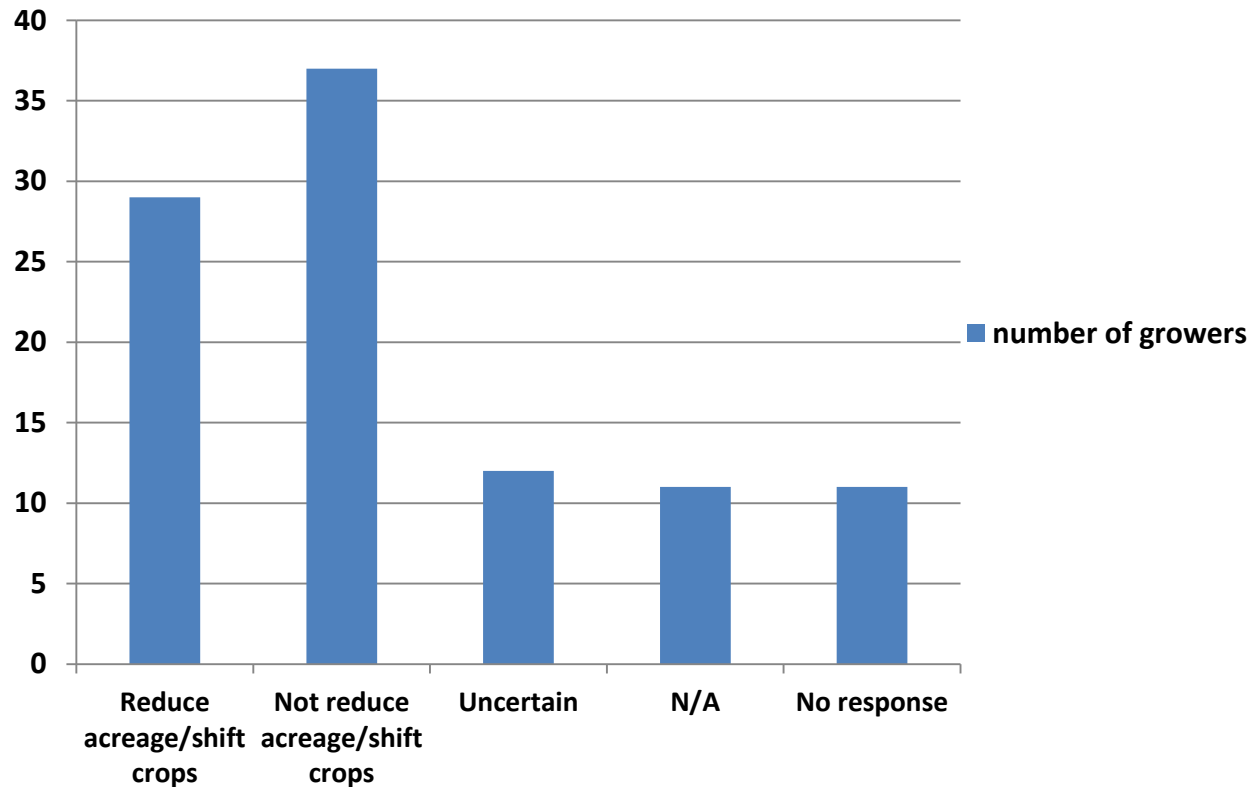


Q14: Indicate effectiveness of cultural practices.

Cultural Practices Used and Effectiveness



Q15: Has SWD caused you to consider reducing acreage or shifting to different crops next year?



Acknowledgements

Research Collaborators

- Terry Bates (Cornell)
- Peter Cousins (Cornell)
- Rick Dunst (Cornell)
- Misha Kwasniewski (Cornell)
- Tim Weigle (Cornell)
- Elson Shields (Cornell)

Special thanks for invasive species info

- Faruque Zamen (Cornell)
- Dan Gilrein (Cornell)
- Peter Jentsch (Cornell)
- Rufus Isaacs (MSU)
- Hannah Burrack (North Carolina State)

Technician and student support

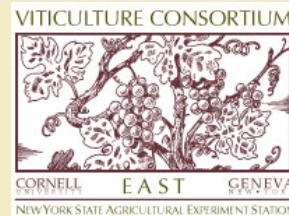
- Steve Hesler (Cornell)
- Ted Taft Jr (Cornell)
- Tony Testa (Cornell)
- CLEREL staff (Cornell)
- Student summer workers

Grower cooperators

Funding



Lake Erie Regional
Grape Program



United States
Department of
Agriculture

National Institute
of Food and
Agriculture