

BMSB SAP Meeting Polling Report

2021

All responses are color-coded
according to the following
subgroup classifications:

Classification

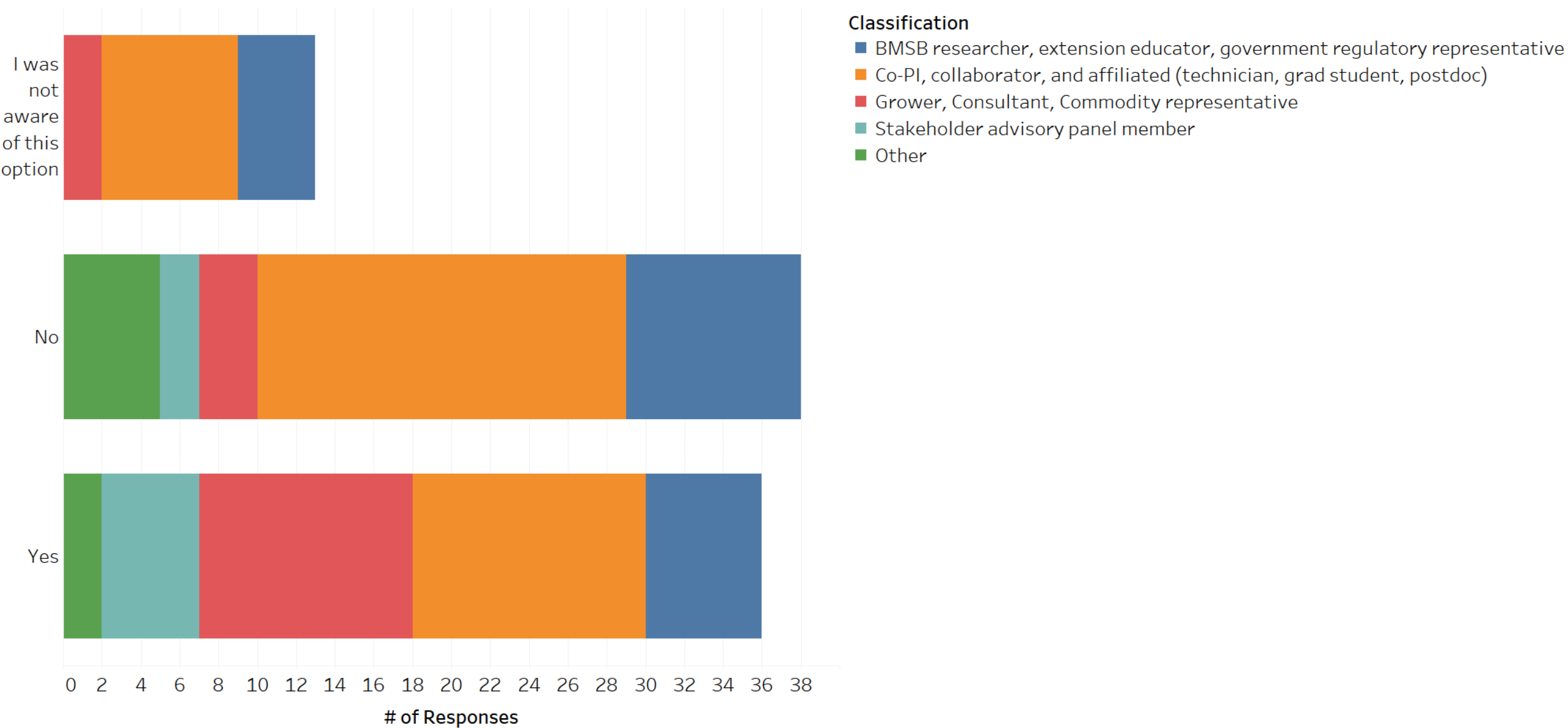
- BMSB researcher, extension educator, government regulatory representative
- Co-PI, collaborator, and affiliated (technician, grad student, postdoc)
- Grower, Consultant, Commodity representative
- Stakeholder advisory panel member
- Other

Response Rates per Day

- Day 1: 72.5% (103 out of 142 participants)
- Day 2: 75.7% (81 out of 107 participants)
- Because webinar attendance varied throughout the day, the response rate for any given polling question varied between 50 and 90 percent.

Online Decision Support System Use

Do you currently use an online decision support system (i.e., WSU DAS, NEWA, etc.) to inform management decisions in your crops?



BMSB Management Season Length

Do you manage BMSB throughout the season or just during a short time window?

BMSB is an issue for me throughout my growing season



BMSB is an issue for me, but only for a short window in time (< 1 month)



I don't worry about BMSB management at all



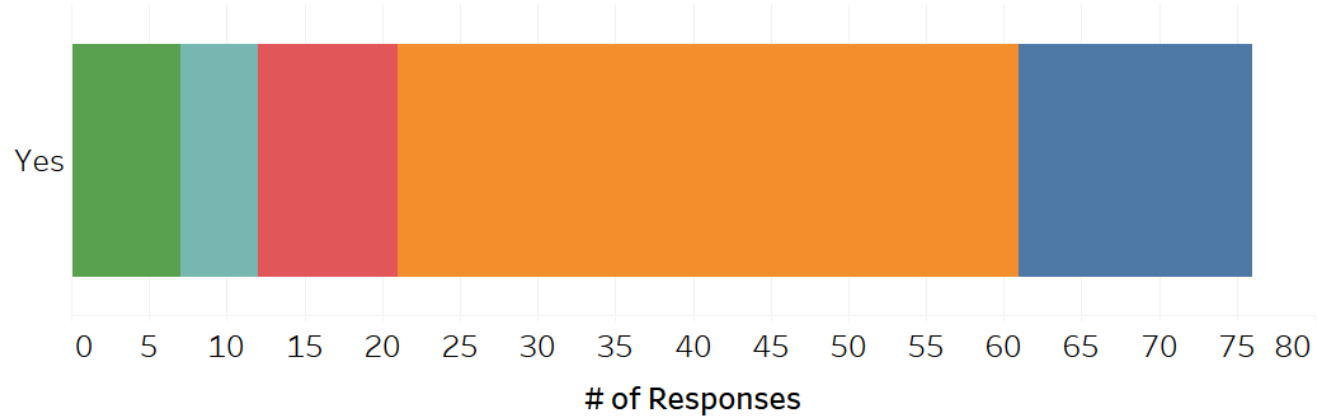
0 5 10 15 20 25 30 35
of Responses

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California Pistachios and Almonds

Can BMSB attack and damage California pistachios and almonds?

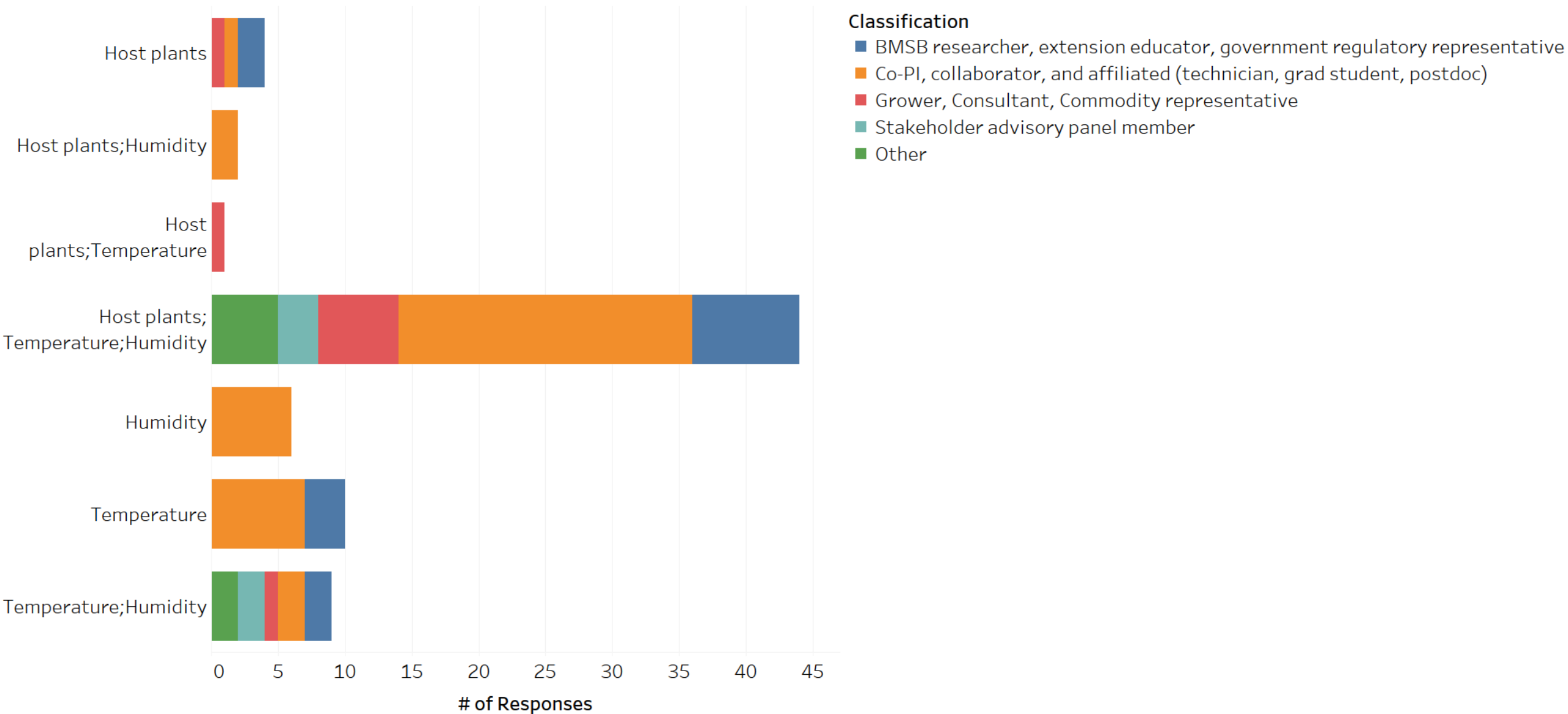


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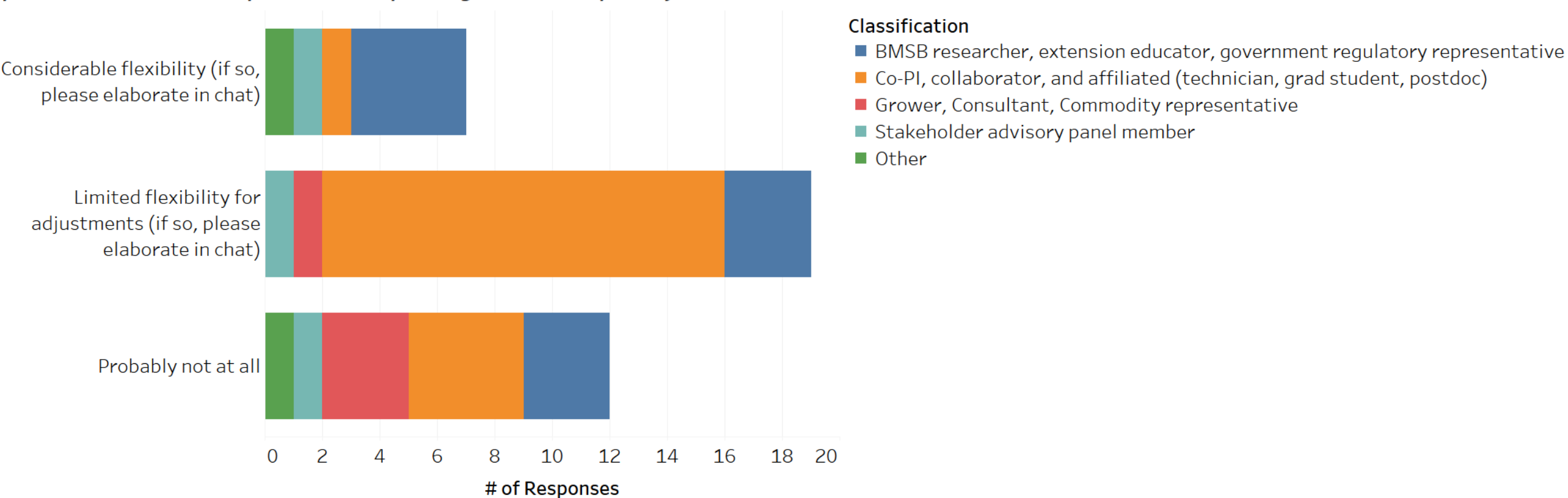
BMSB Regional Damage

What regional differences might impact BMSB damage levels in California crops?



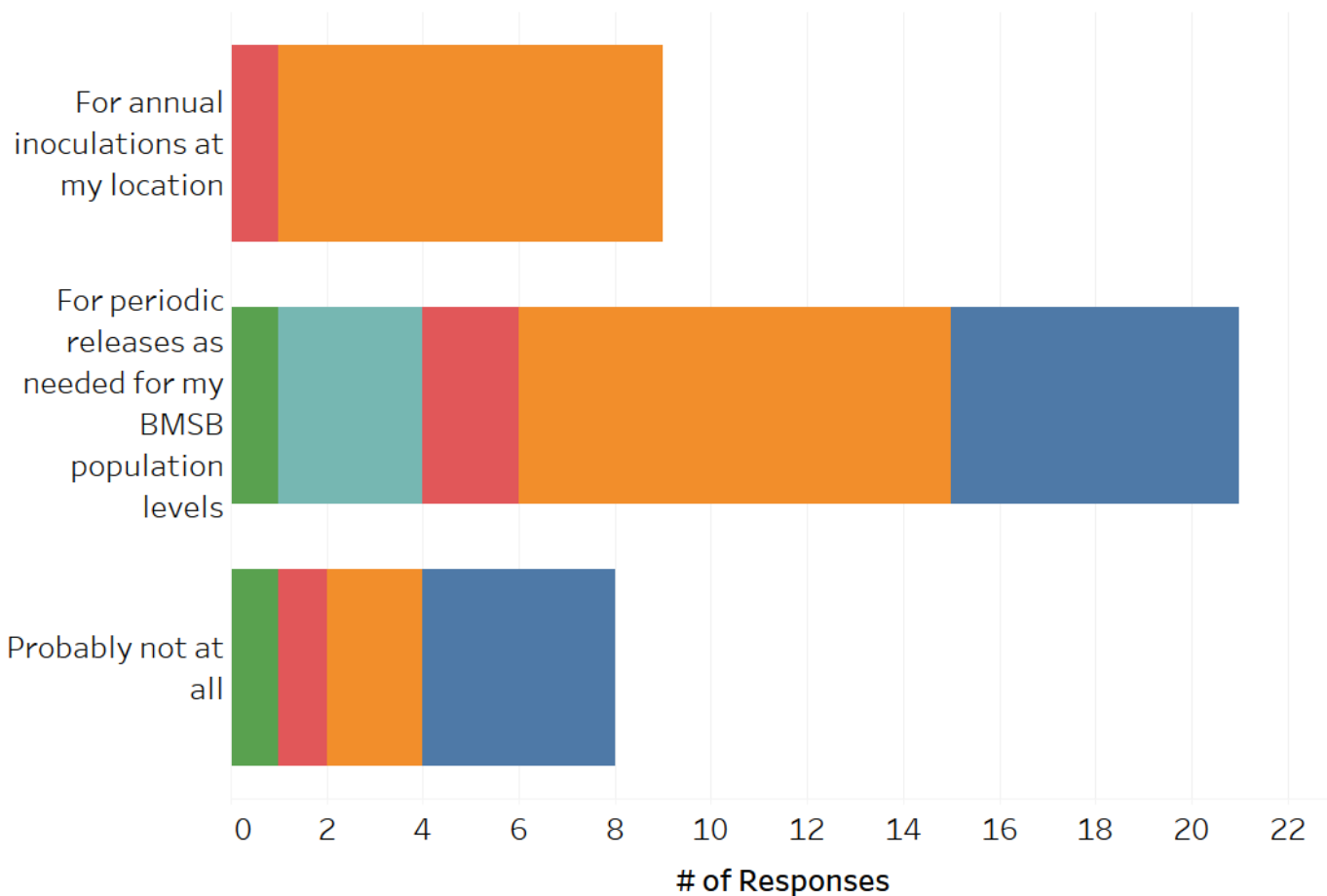
Management Adaptation

To what extent are you able to adjust or adapt your own production and pest management practices to increase the impacts of landscape biological control as part of your IPM?



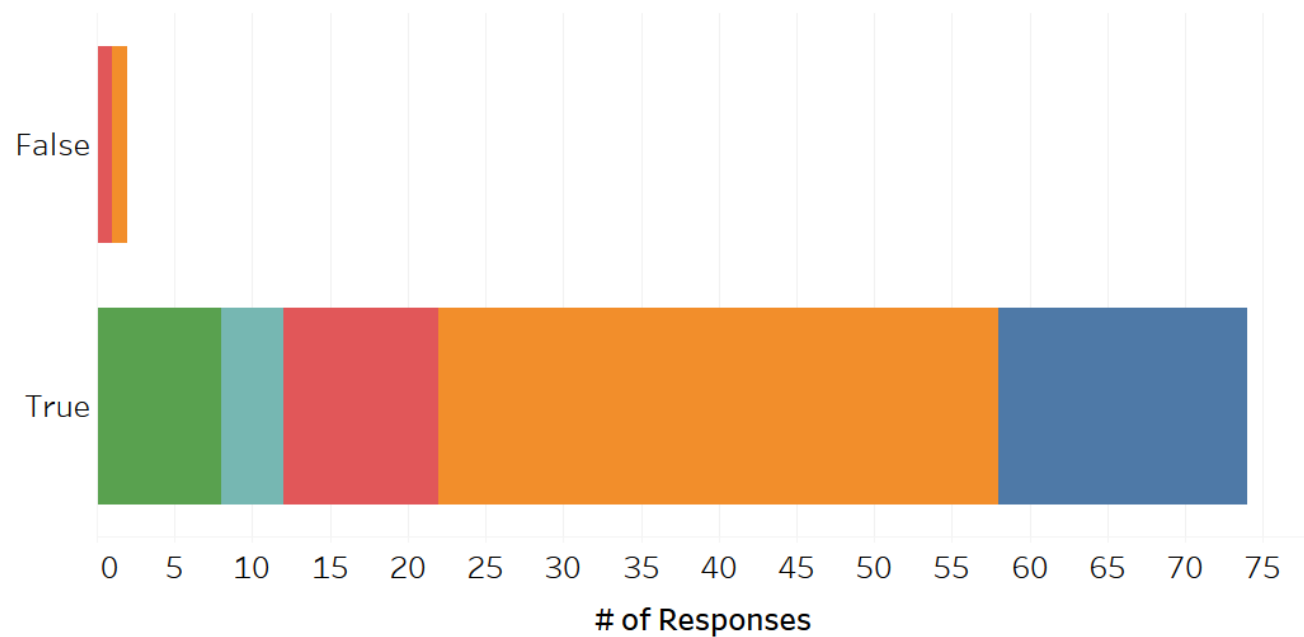
Willingness to Purchase BMSB Predators or Parasitoids

If BMSB predators or parasitoids become commercially viable products available for purchase, to what extent would you consider purchasing them for release in your crops (assuming competitive pricing)?



BMSB and *Nosema maddoxi*

Nosema maddoxi causes chronic-type infections that impact BMSB populations by decreasing fecundity and longevity.

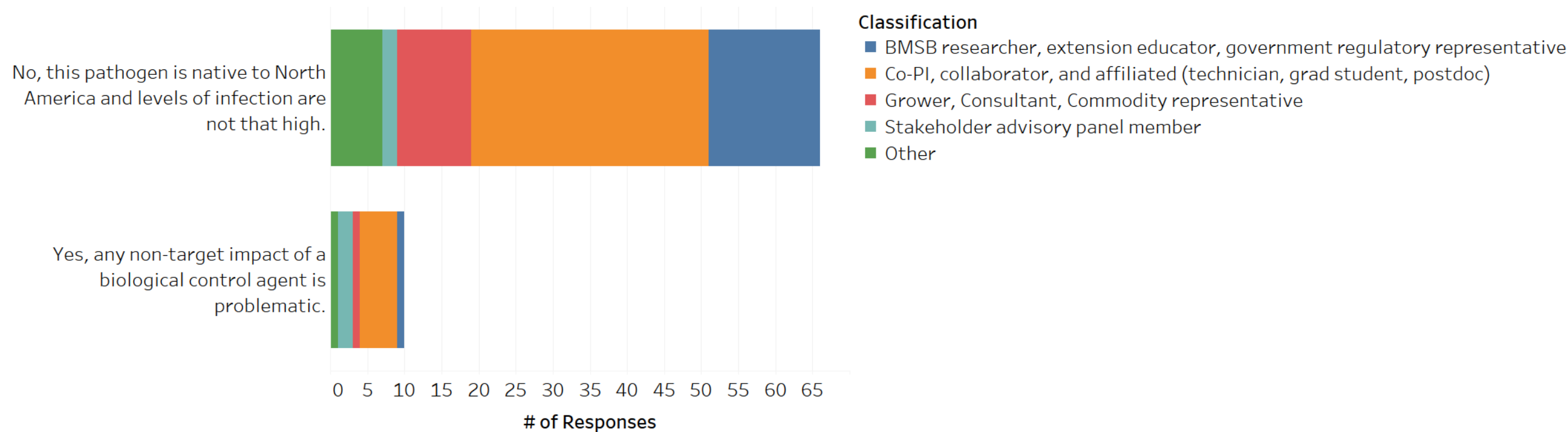


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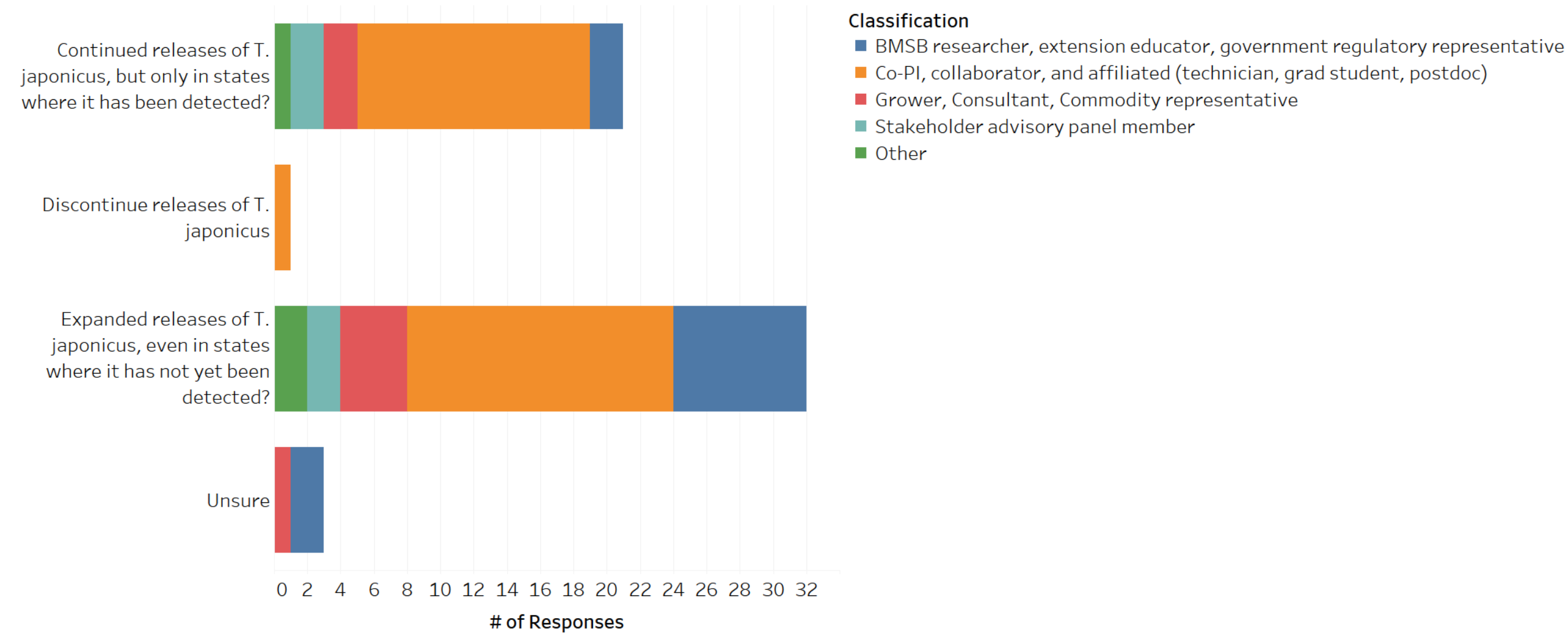
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Nosema maddoxi and Native Stink Bugs

The microsporidian Nosema maddoxi infects some native species of stink bugs. Is this impact considered a problem at present?

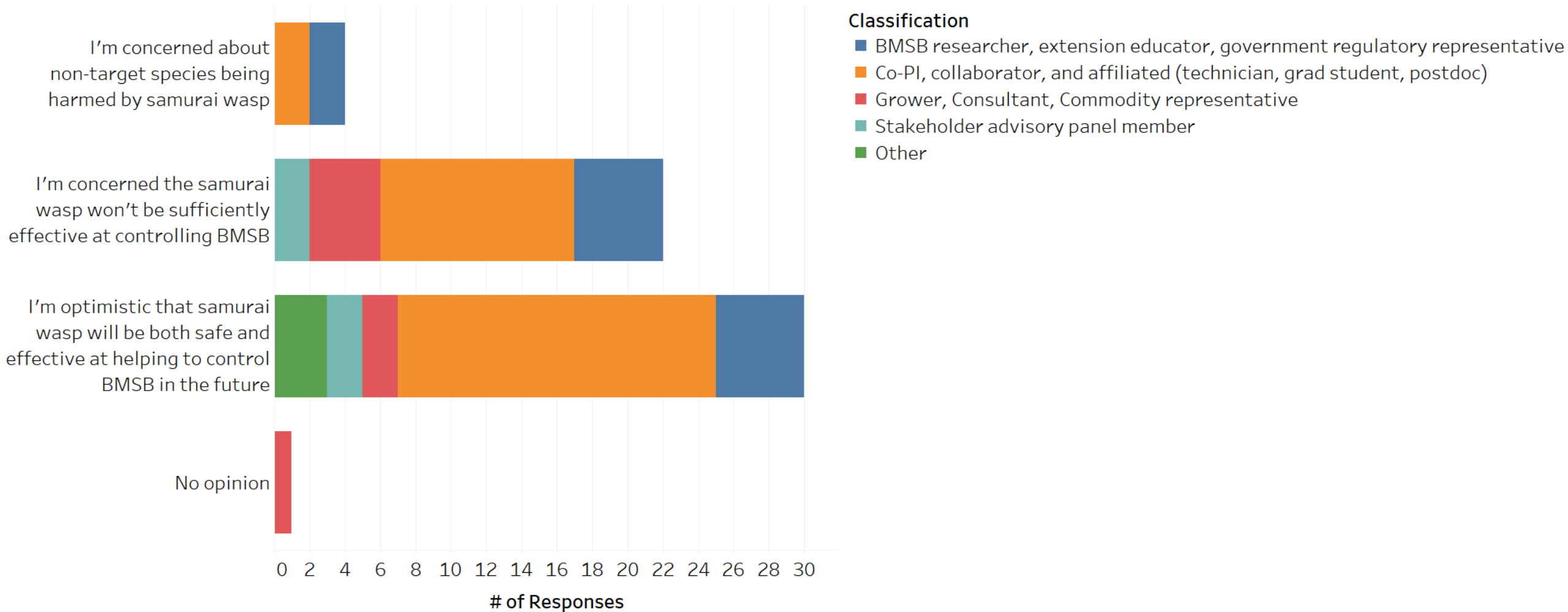


***Trissolcus japonicus* Release Preferences**
Based on what you've learned today, are you in favor of...



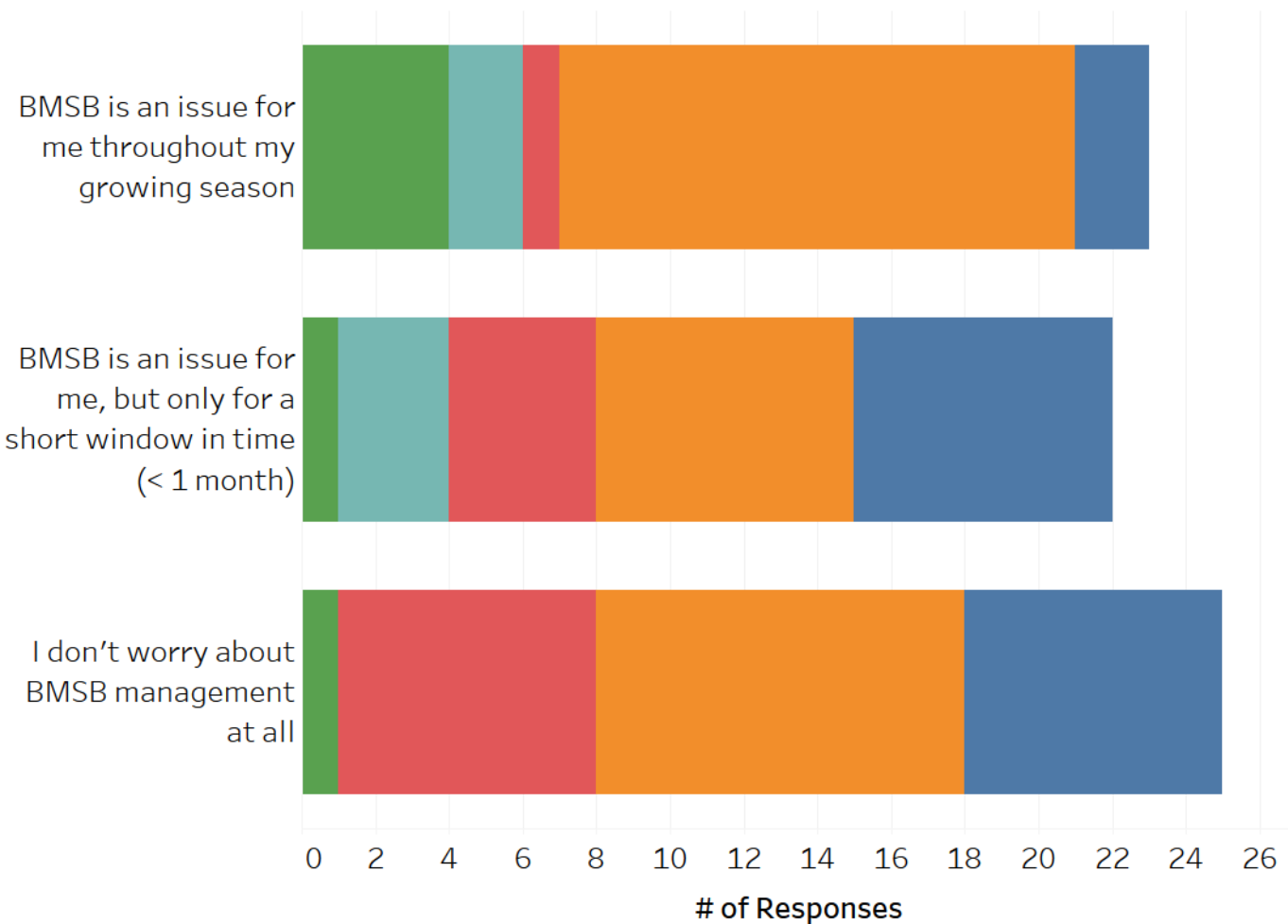
Feelings about Samurai Wasp Biocontrol

Which best captures your feelings about biological control of BMSB using the samurai wasp?



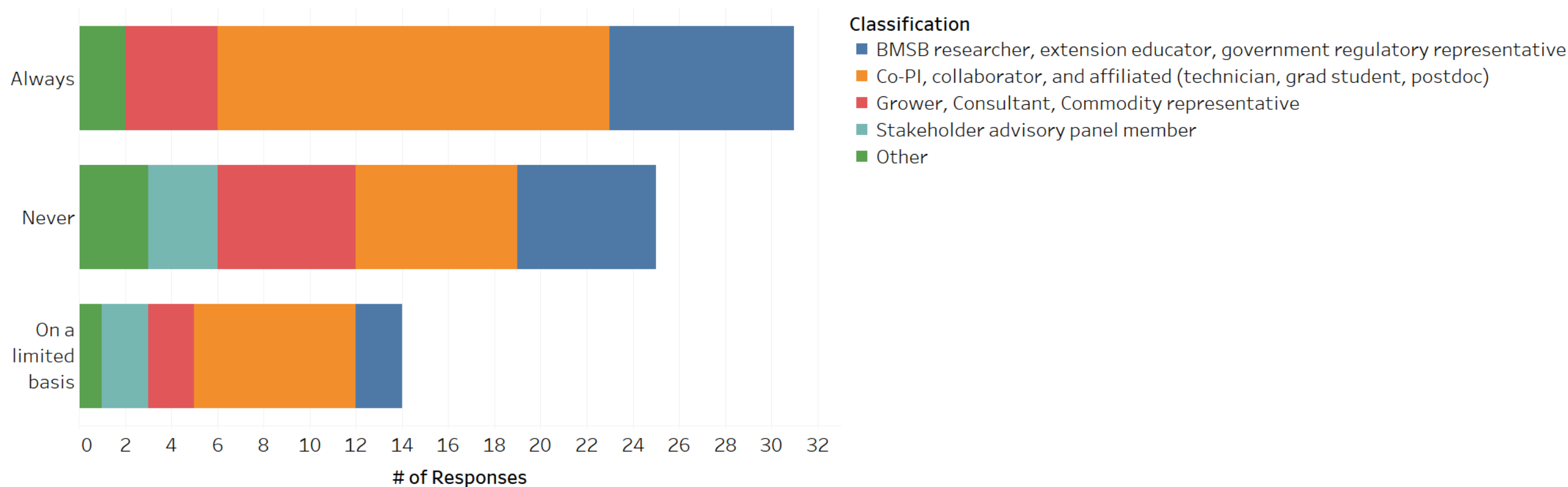
BMSB Management Season Length

Do you manage BMSB throughout the season or just during a short time window?



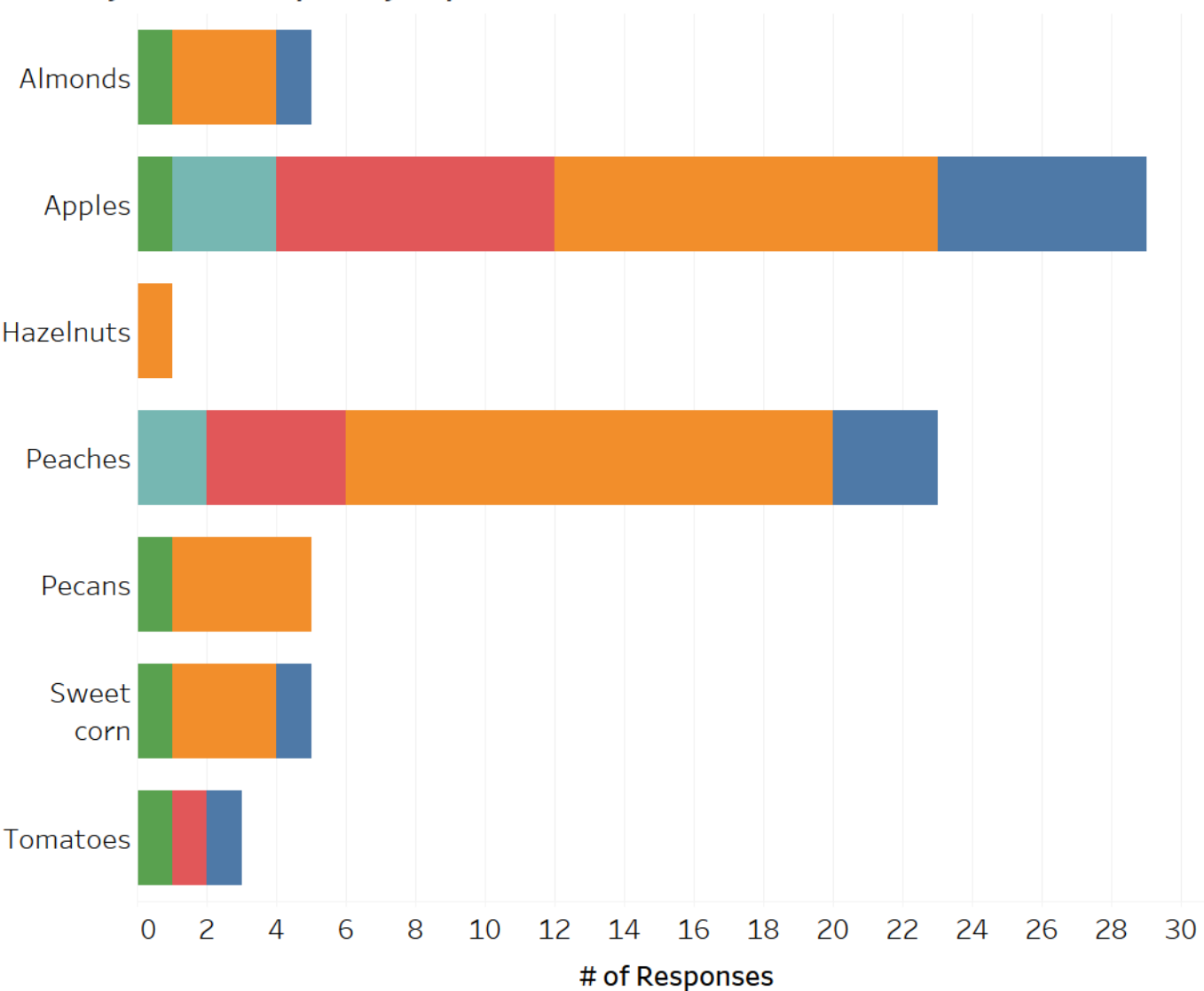
Degree Days and BMSB Life Stages

Do you consider degree days and BMSB life stages (phenology) when making management decisions, such as when to spray?



Favorite Specialty Crop to Eat

What is your favorite specialty crop to eat?

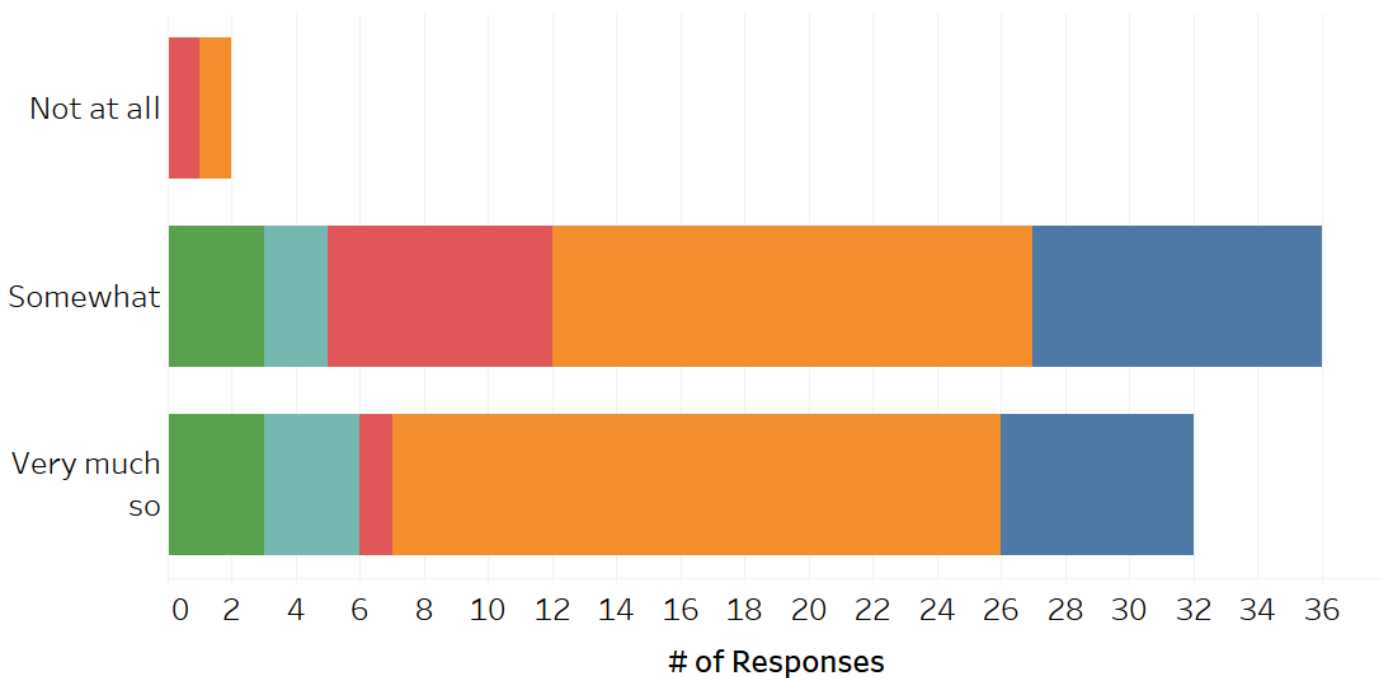


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Monitoring *Trissolcus japonicus*

*Realizing that growers will not likely monitor for *Trissolcus japonicus*, did the information presented increase your confidence in our ability to track its presence, spread, and changes in abundance?*

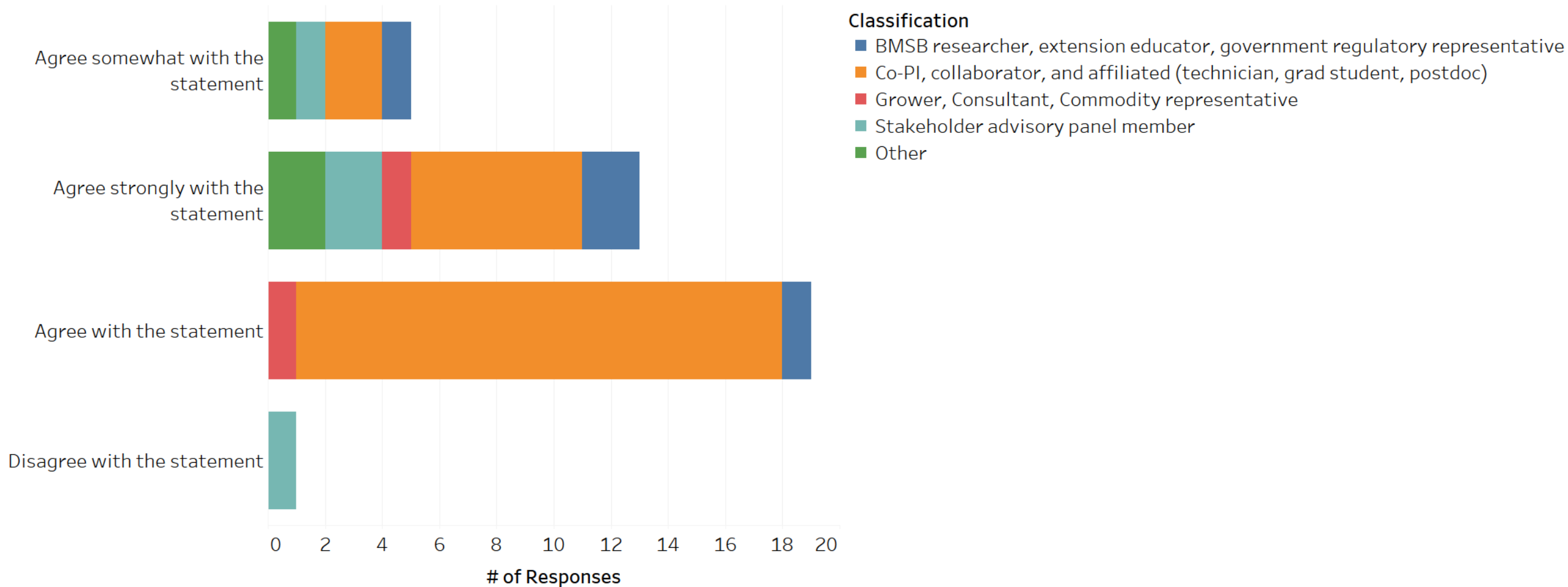


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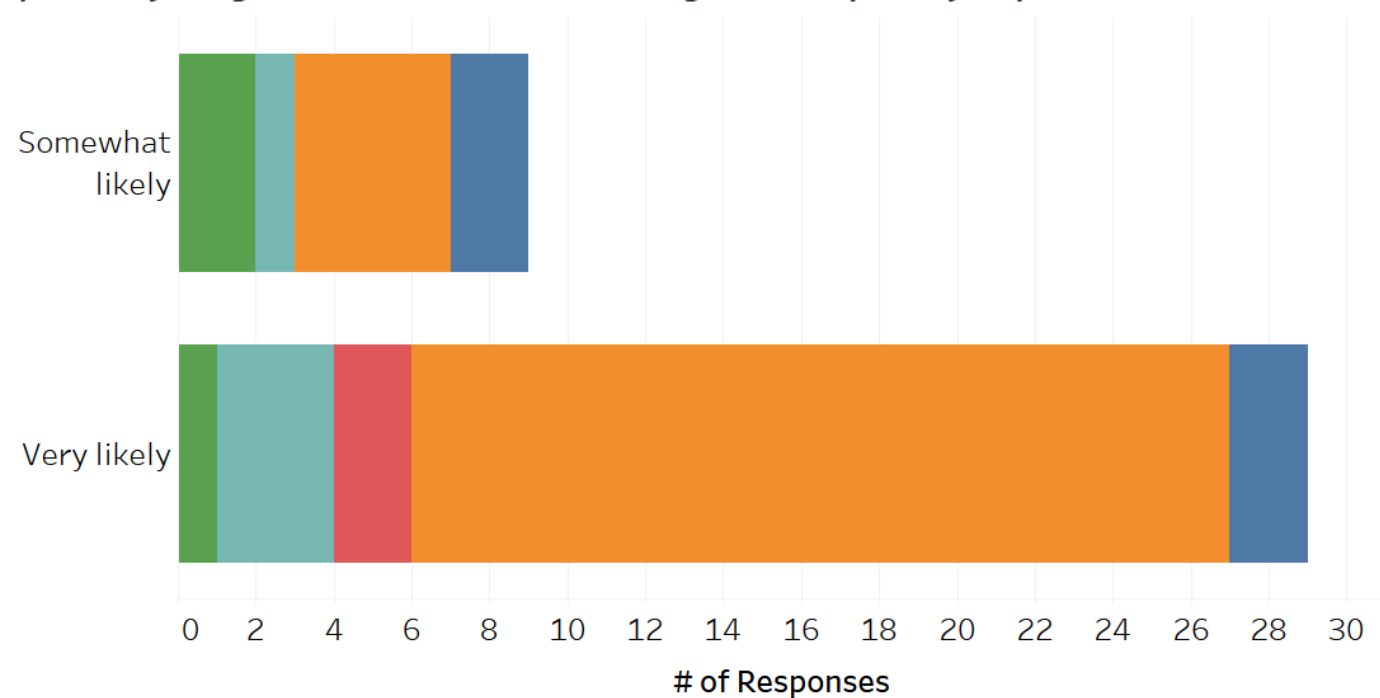
Online BMSB Management Decision System

"Online pest mgmt decision system for BMSB incorporating risk models and timely mgmt information will reduce reliance on prophylactic insecticide use against this pest while increasing reliance on biological control and alternative mgmt tactics" "Do you..."



Likelihood to Use Online BMSB Management Decision Support System

How likely would you be to utilize an online pest management decision support system that was specifically designed to assist with BMSB management in specialty crops?

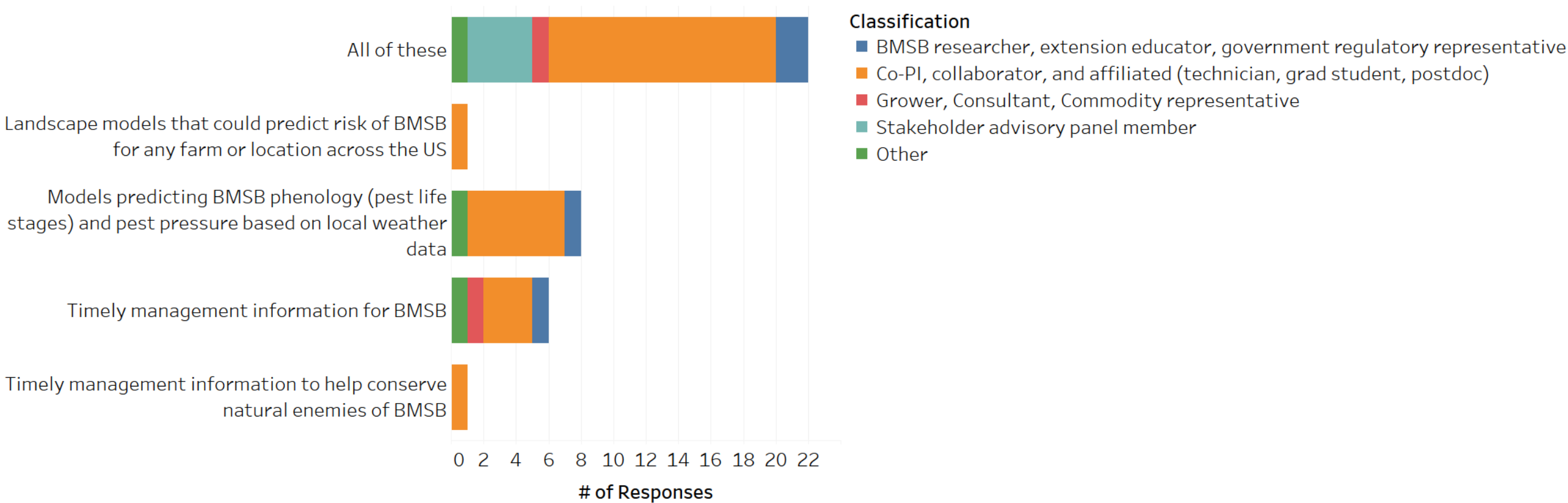


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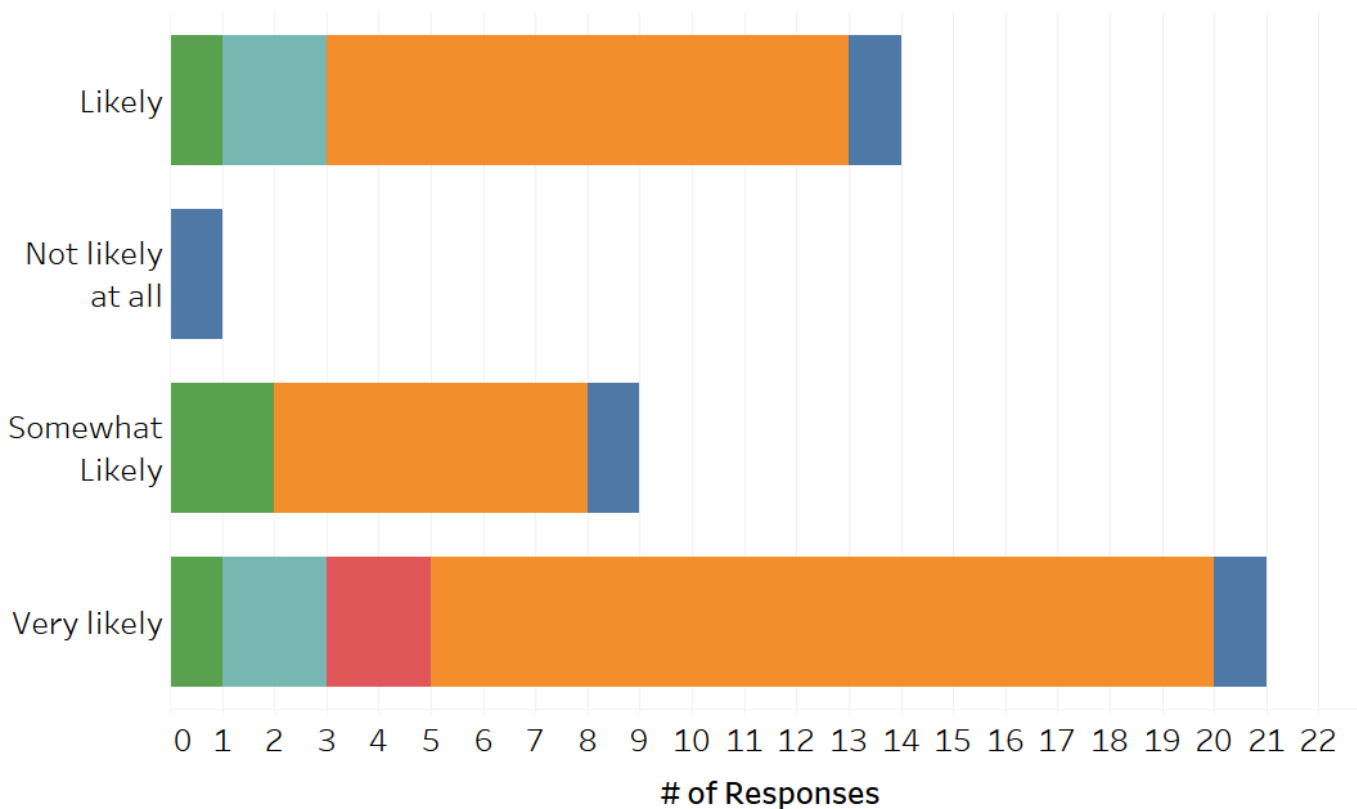
Likelihood to Use Various Online BMSB Management Decisions Support System

Below are tools proposed for an online BMSB pest management decision support system. Which of these tools would you be most likely to rely on for making pest management decisions?



Area Wide Management Participation

Please rate the likelihood that you would participate in an areawide management approach for BMSB with the farms you own, manage, or consult on given the opportunity?

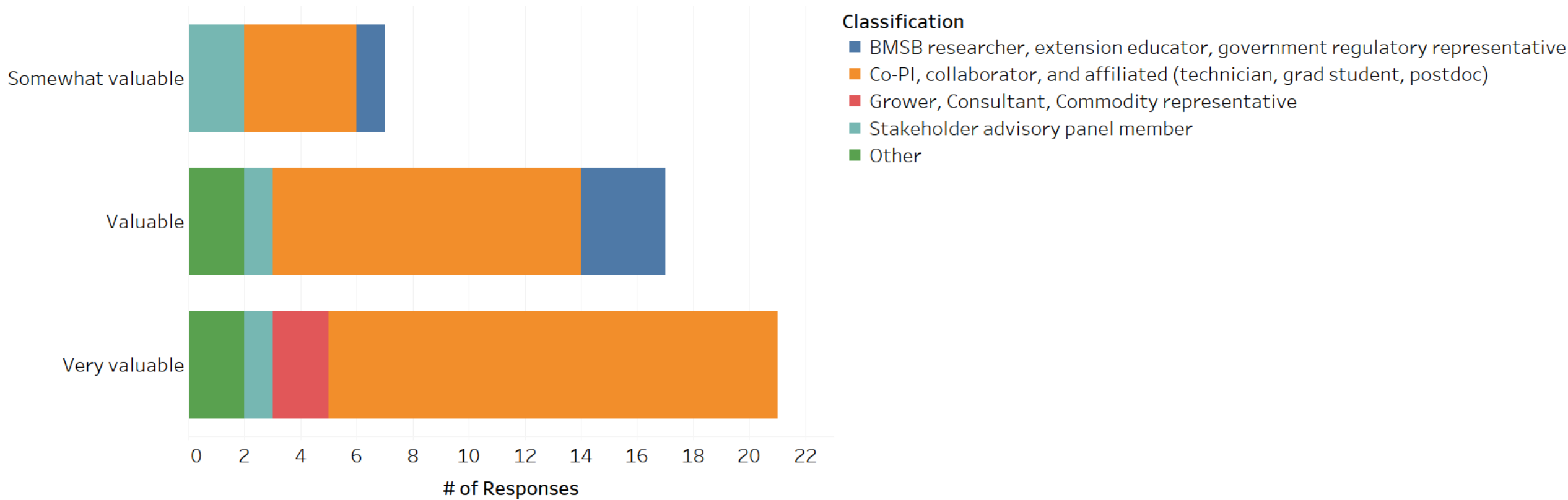


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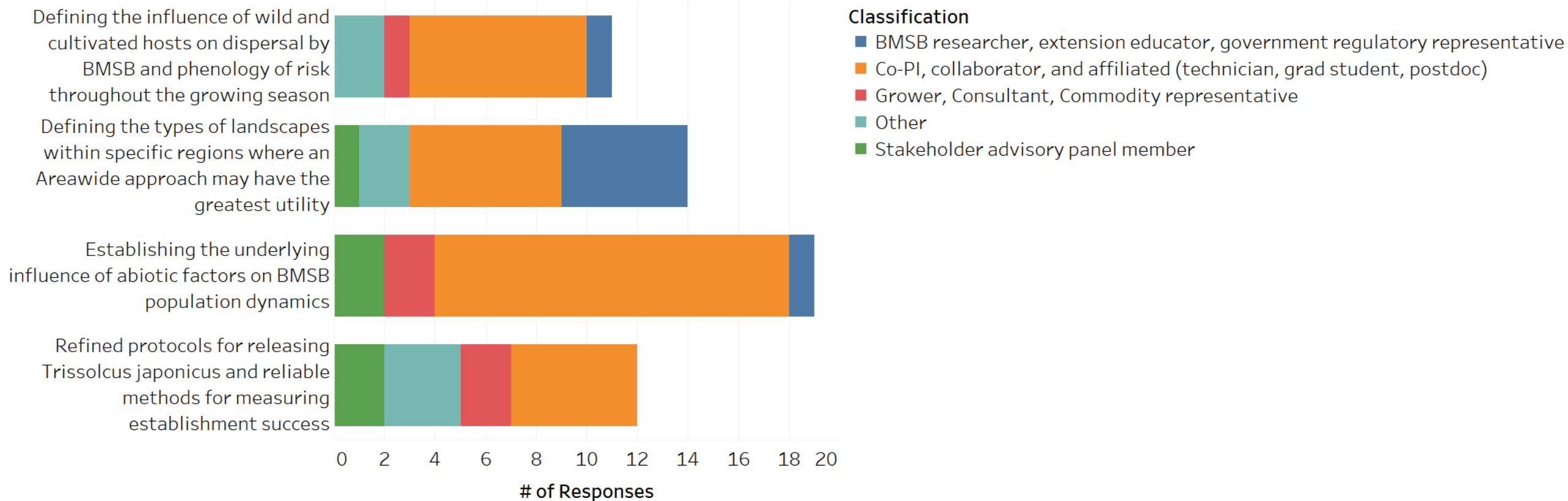
Value of Areawide Approach

How valuable do you think the areawide approach will be to improve BMSB management and increase adoption of alternative management tactics, while providing educational opportunities for stakeholders?



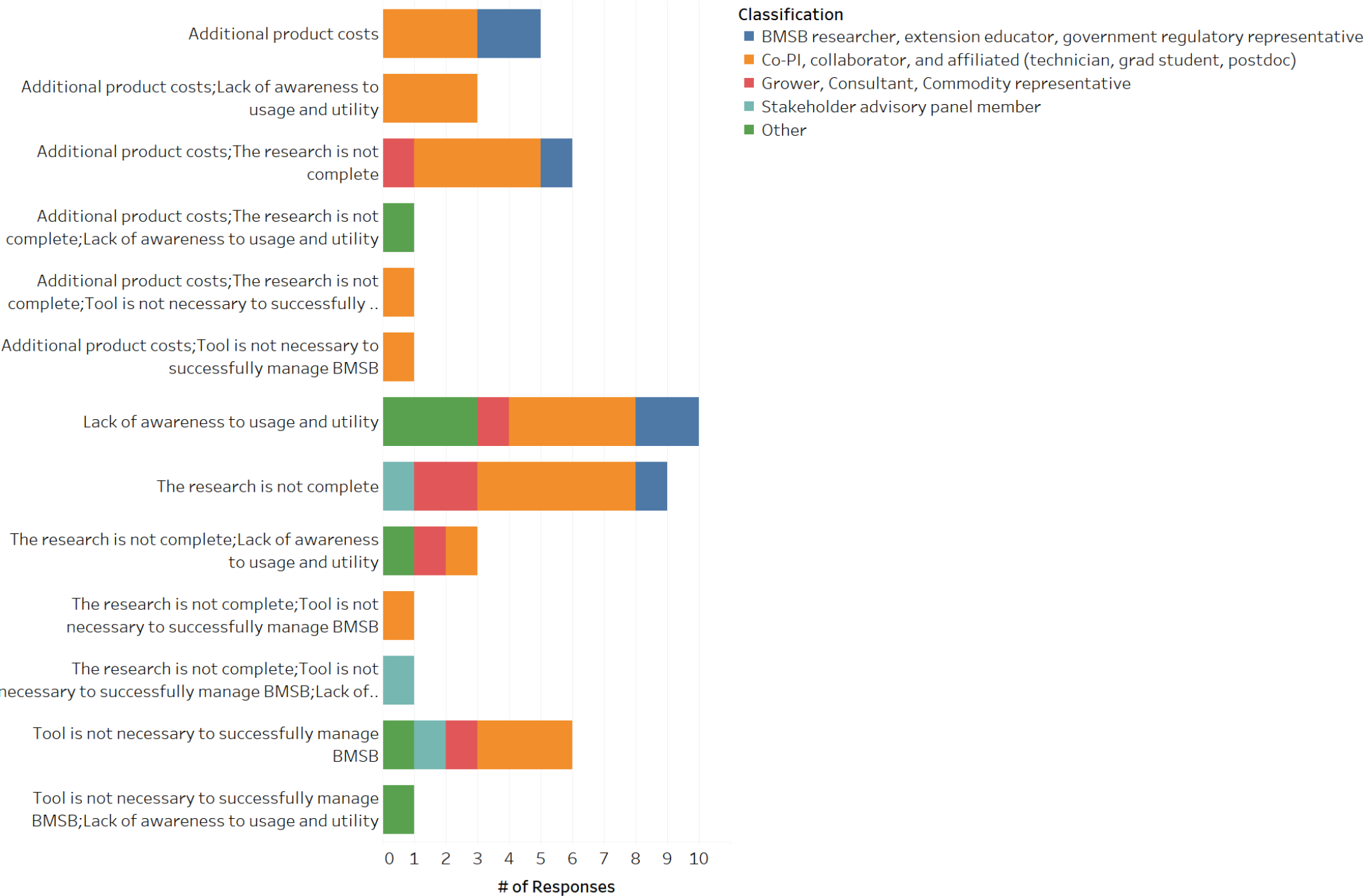
Areawide Approach: Factors of Success

Based on what you heard about the Areawide approach for managing BMSB, what research area do you think would be most important in making this approach successful?



Barriers to Adoption of Attract-and-Kill

What are the barriers to adoption of attract-and-kill (check all that apply)?



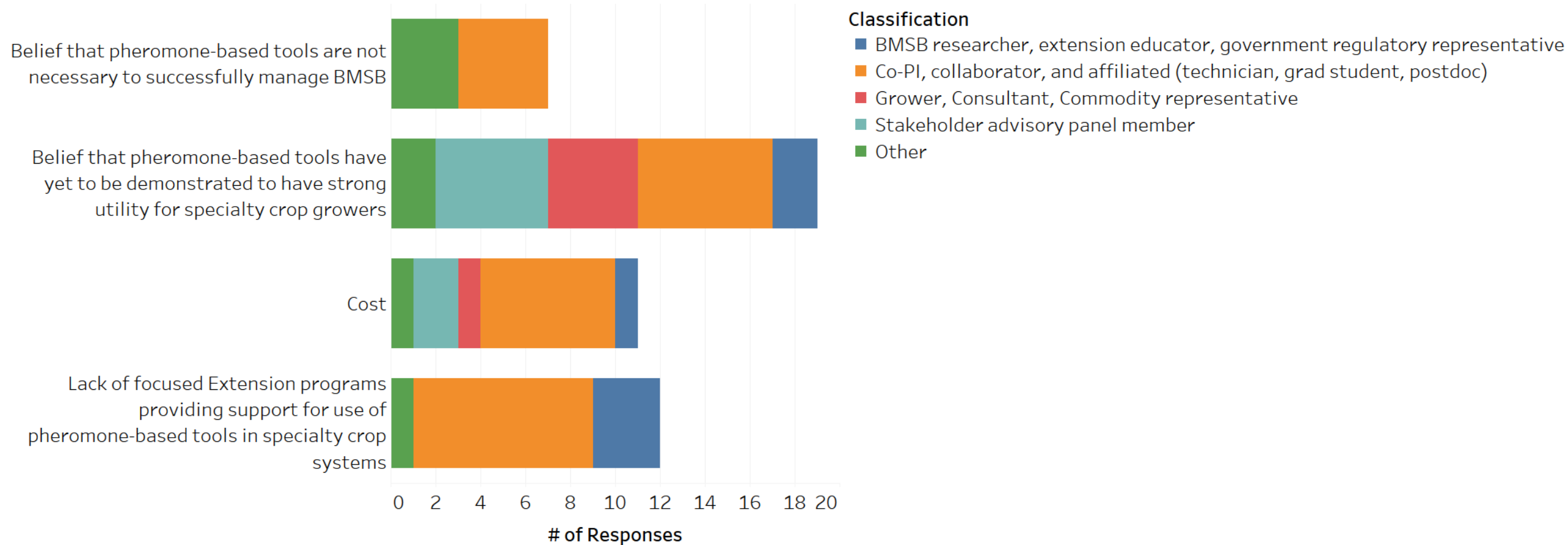
Willingness to Adopt Pheromone-based Tools

Among pheromone-based tools and technologies described, which do you think growers would be willing to adopt?

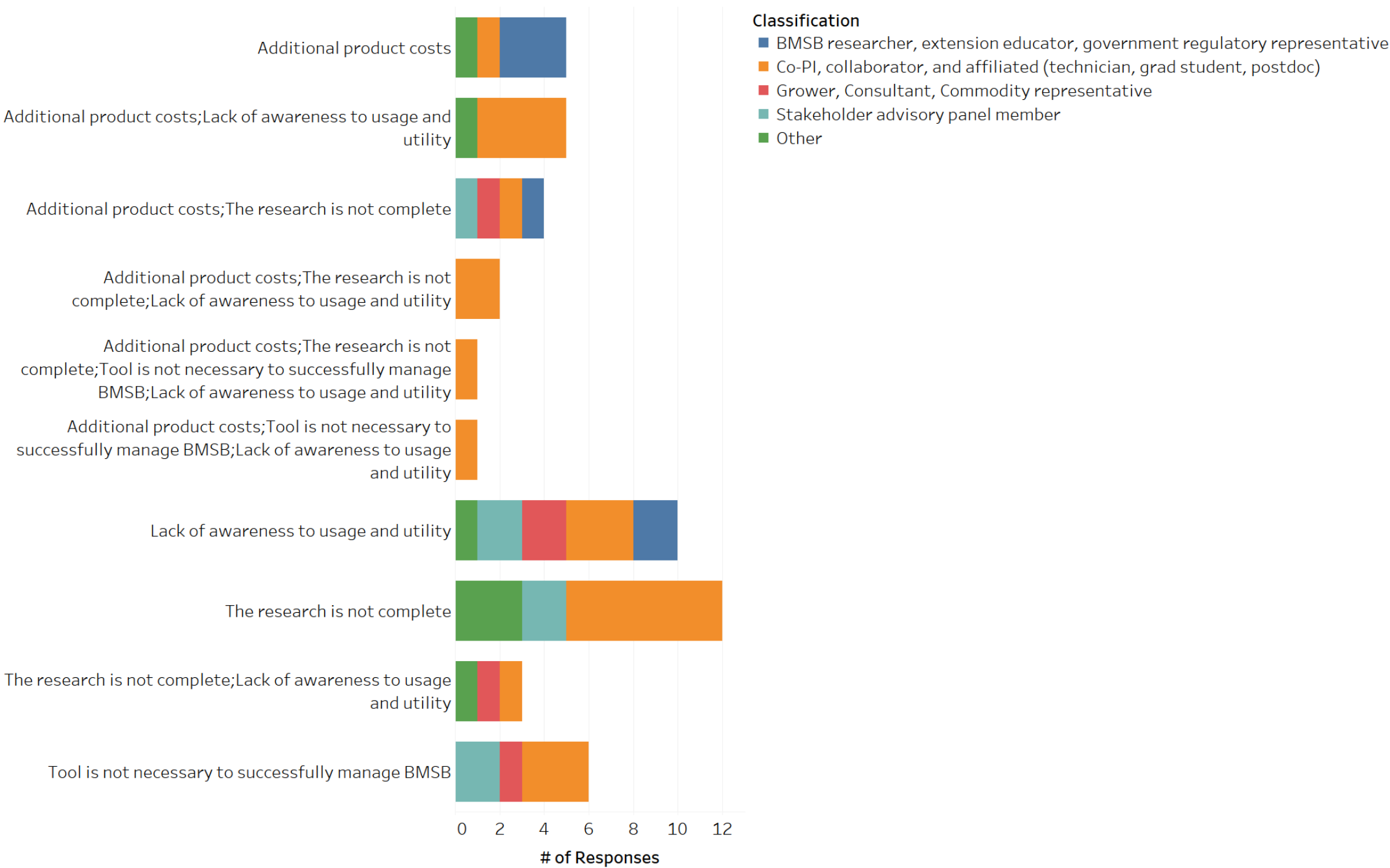


Obstacles to Adoption of Pheromone-based Tools

What obstacle do you think is most important for successful adoption of pheromone-based tools by the specialty crop community?

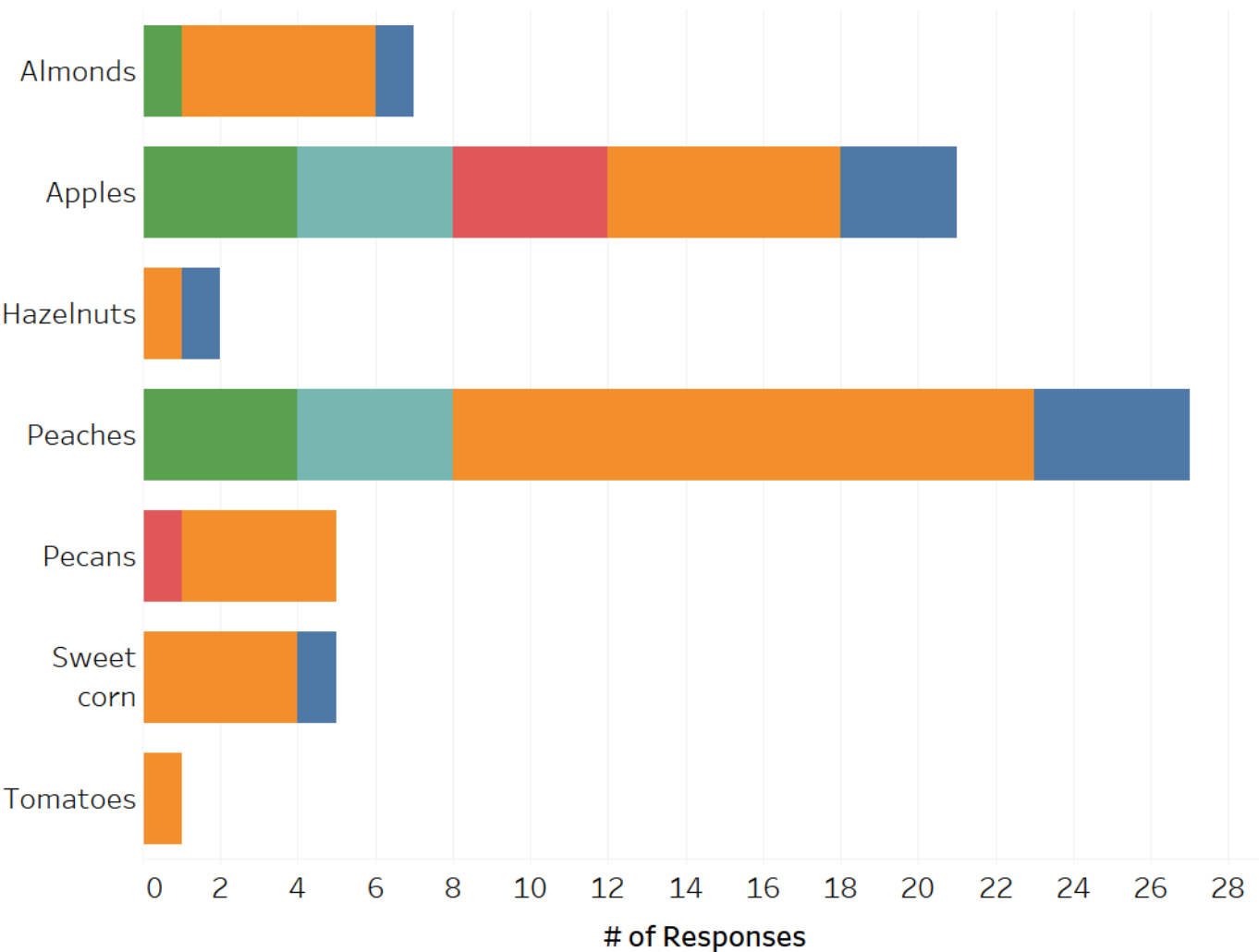


Barriers to Adoption of Threshold Traps
What are the barriers to adoption of threshold traps (check all that apply)?



Favorite Specialty Crop to Eat

What is your favorite specialty crop to eat?

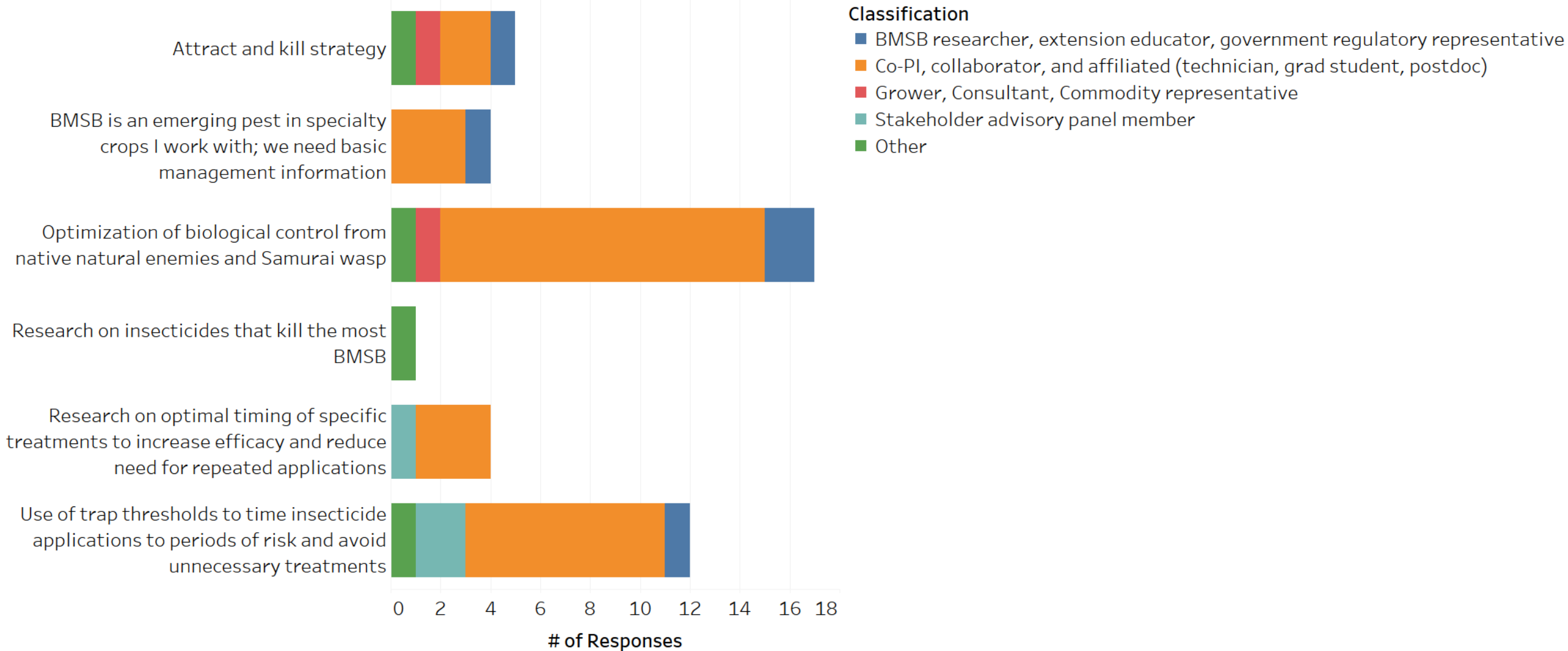


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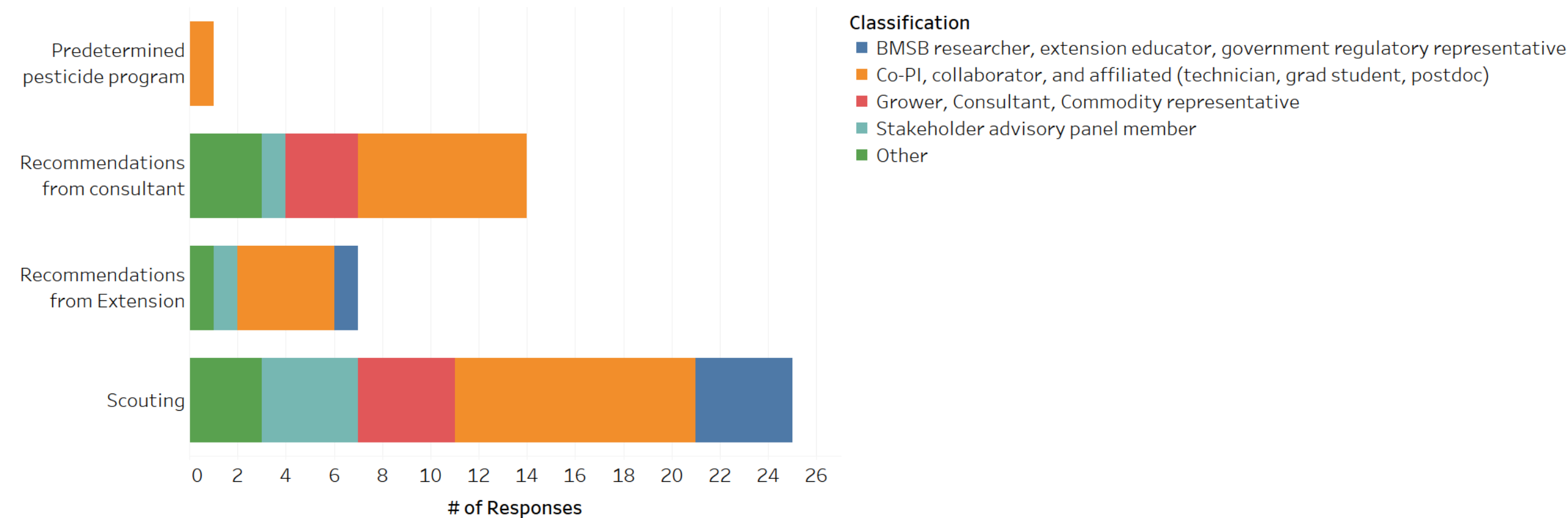
Prioritization of Alternative Management Tactics

Of the following alternative management tactics, what is your highest research priority?



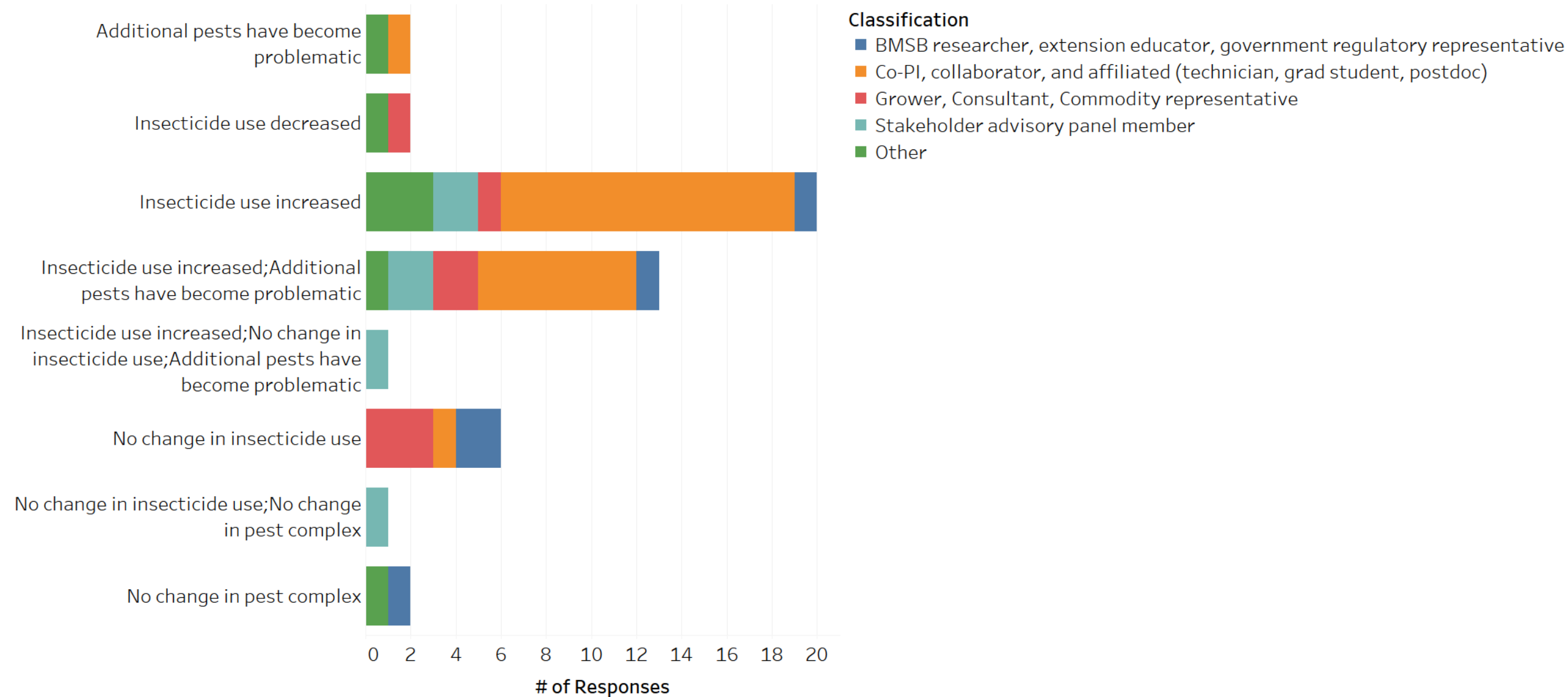
When to Apply Insecticides

How are decisions made as to when to apply insecticides?



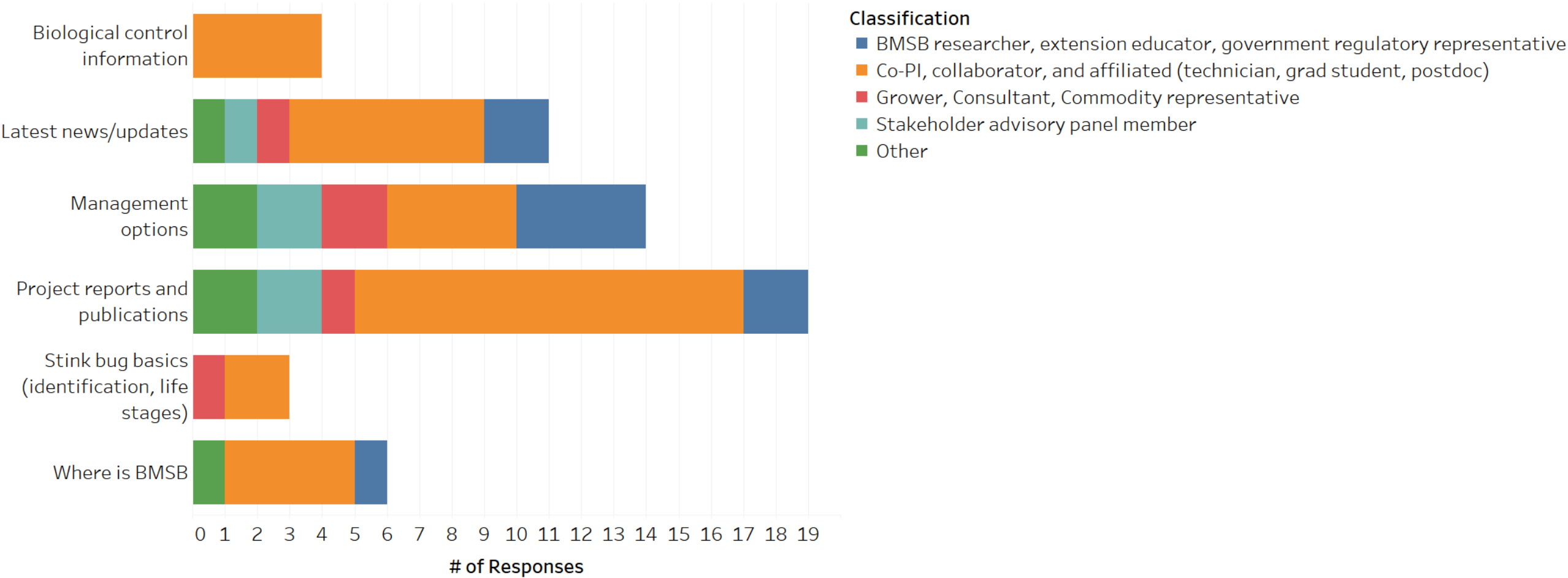
Management Consequences of BMSB

Which of the following has occurred since BMSB has become a problem in your area? (choose all that are correct):



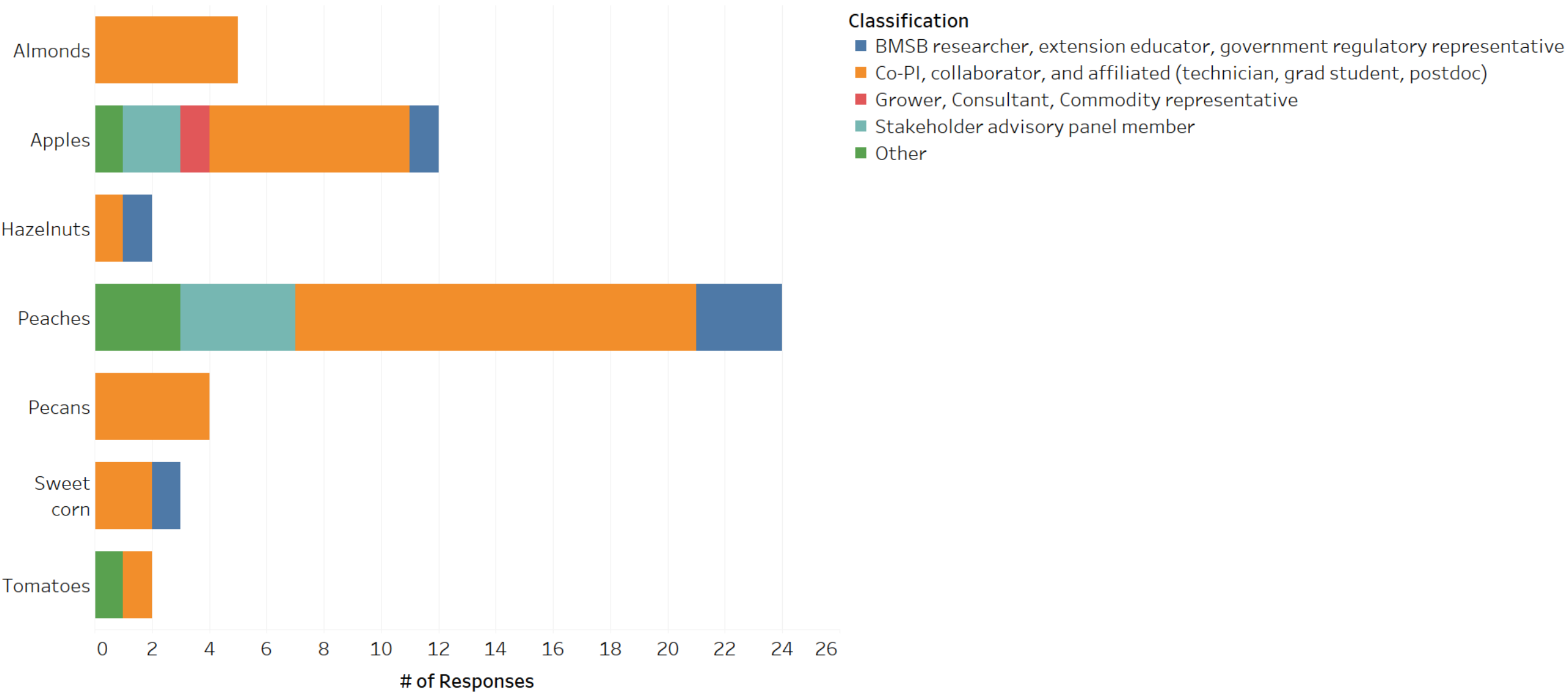
Most Interesting Information on StopBMSB.org

When you visit StopBMSB.org, what information are you most interested in accessing?



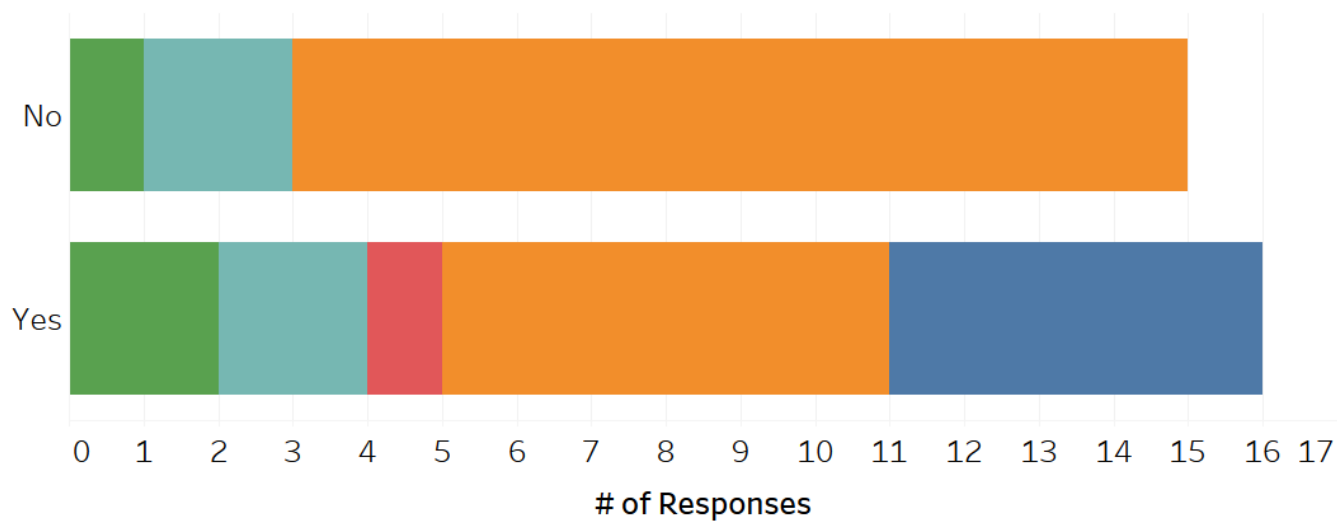
Favorite Specialty Crop to Eat

What is your favorite specialty crop to eat?



Lack of Extension and Reliance on Insecticides

Do you feel that lack of Extension or outreach resources for BMSB management are in any way reinforcing reliance on insecticides for BMSB management in crops you manage or are involved with?

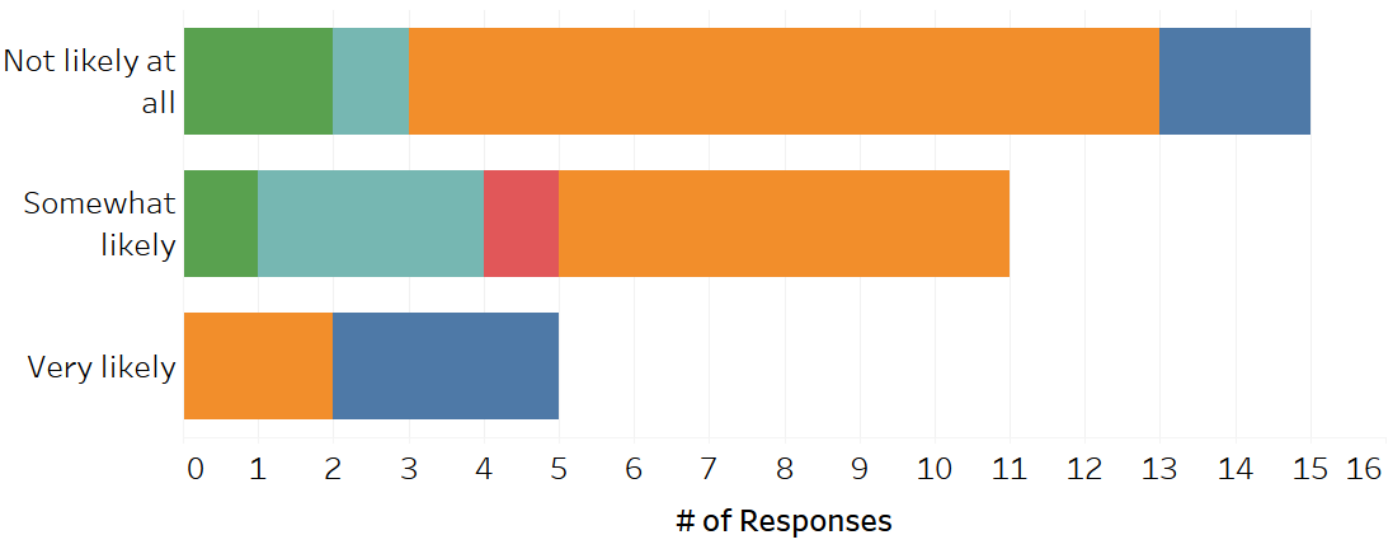


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Exclusive Insecticides for BMSB Management

How likely are you to rely exclusively on insecticides for BMSB management in crops that you manage?

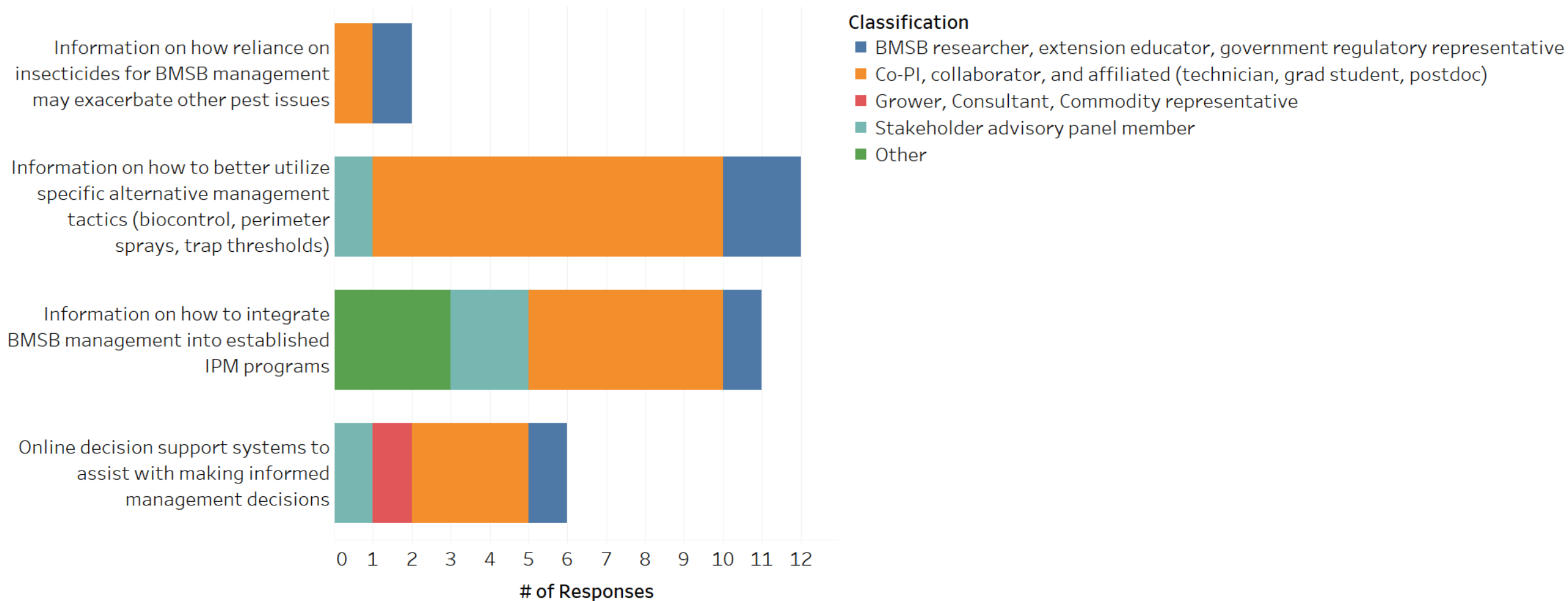


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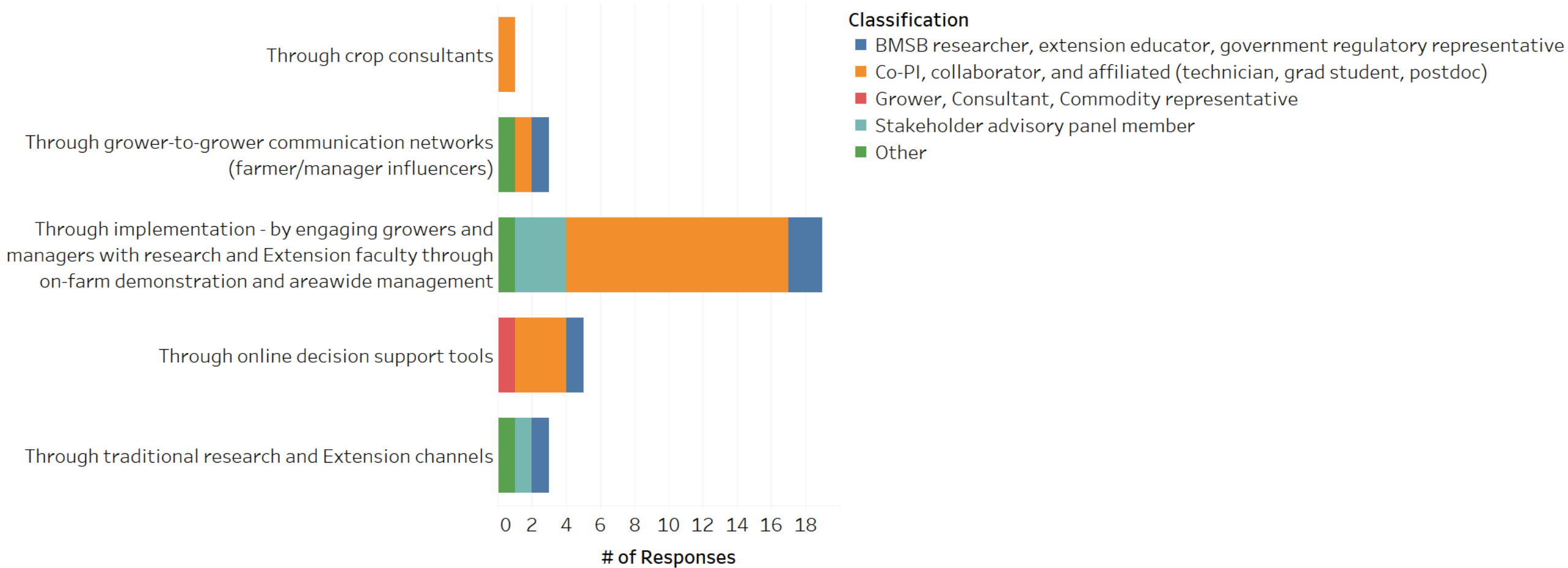
Highest Priority BMSB Management Resources

Given that there may not be enough guidance to reduce reliance on insecticides, which of the following would be the highest priority resources for crops you are involved with:



Most Effective Model of Information Transfer

What do you regard as the most effective model of information transfer that could facilitate greater adoption of new management tactics for BMSB among growers?



Acknowledgment

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