



# **2022 Winter Vegetable Conference Grower poll**

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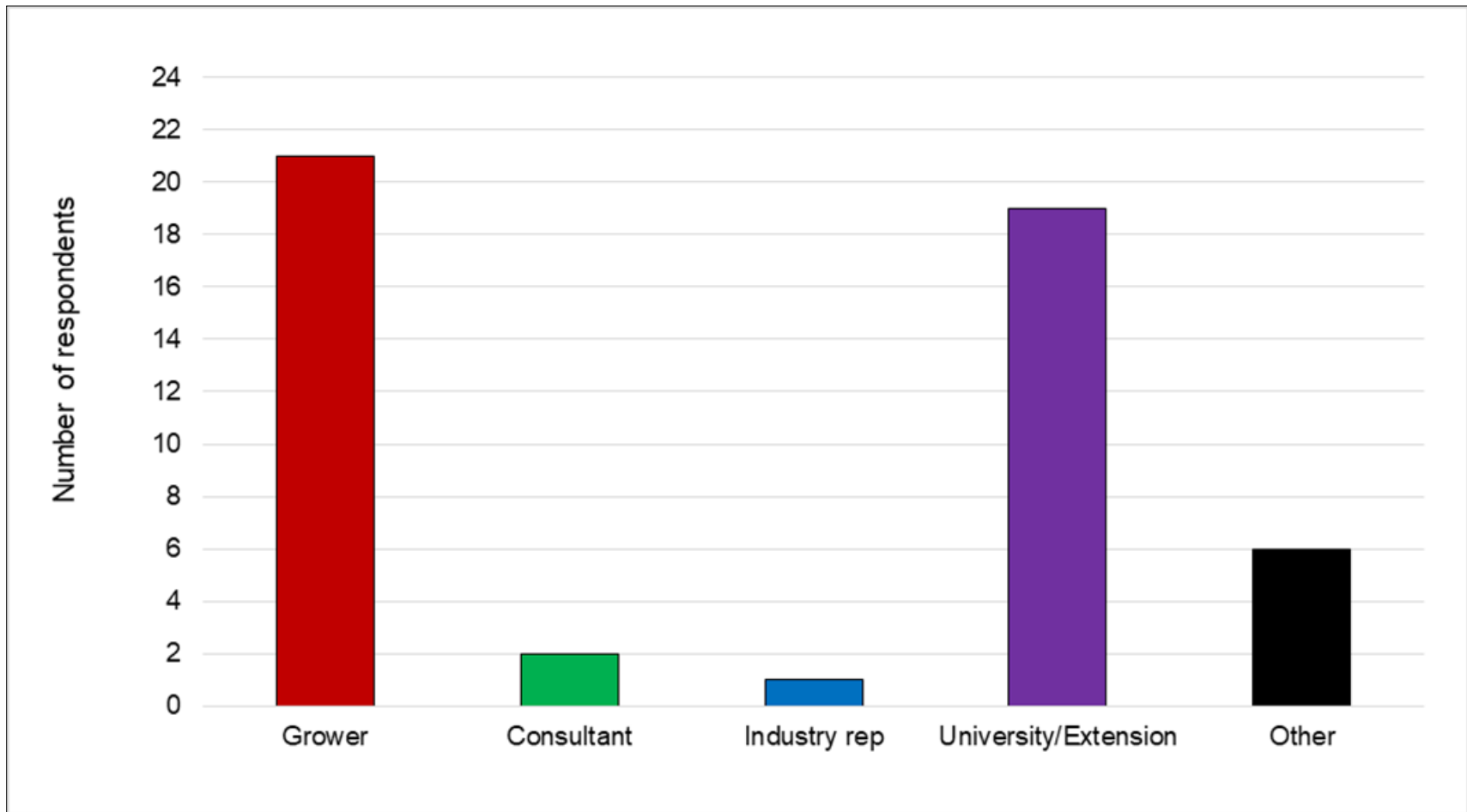
# General information

The survey was conducted during the 2022 Winter Vegetable Conference and Trade Show at the Crowne Plaza Resort in Asheville, NC, on February 24, 2022.

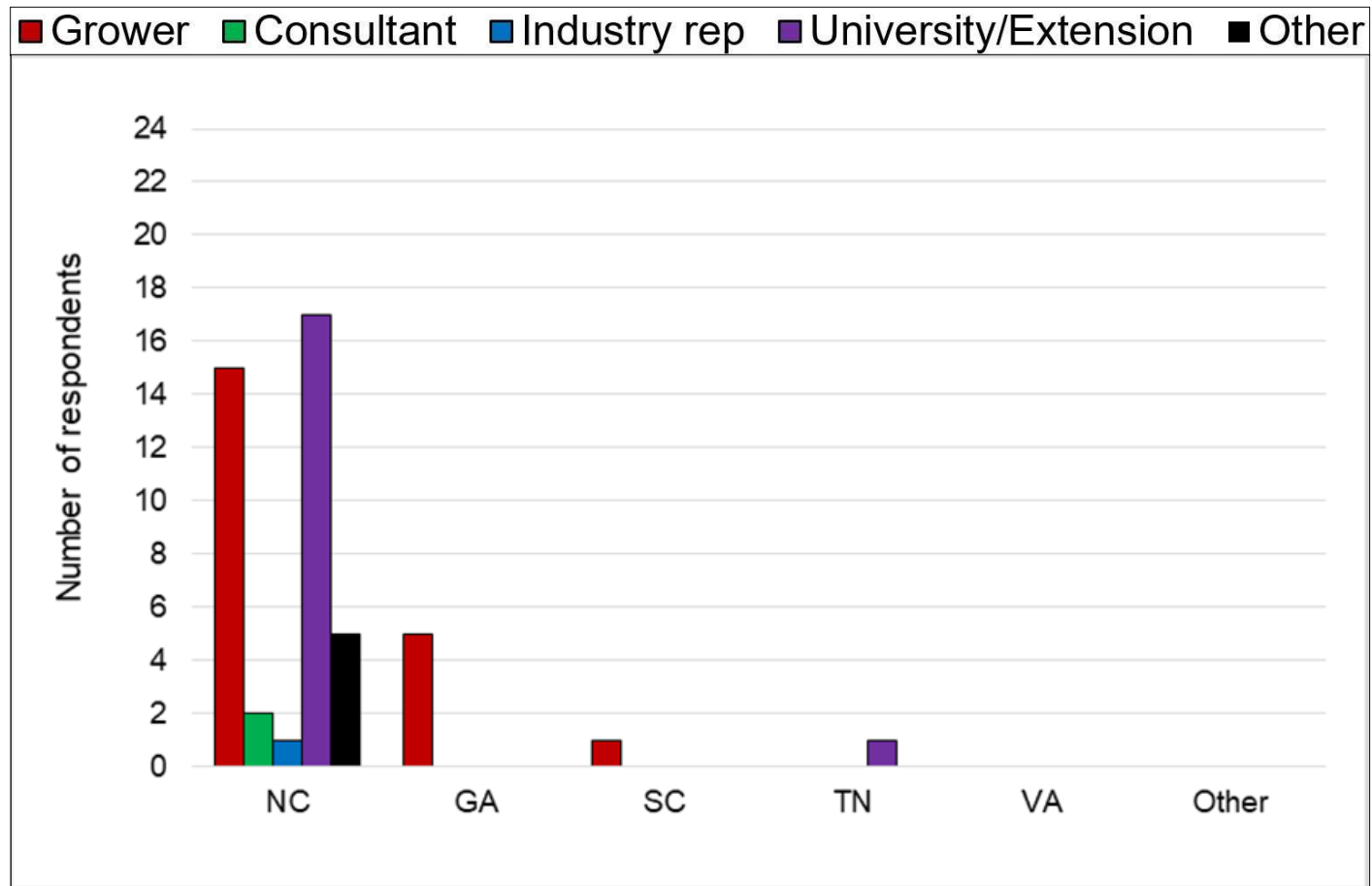
Participants answered questions anonymously with TurningPoint software, which used a demographic question (General Info #1, “Who are you?”) to group respondents by occupation: 1) growers, 2) consultants (private or crop protection industry), 3) ag industry representatives, 4) university research and extension employees, and 5) other.

Survey questions and results are in the following slides. Charts show responses by each demographic category. With the exception of the rank questions, charts show the number of responses for each answer. In cases where multiple answers were allowed, the number of responses will exceed the number of respondents, as each respondent could provide multiple responses. For the ranking questions, responses are presented as percentage of total response.

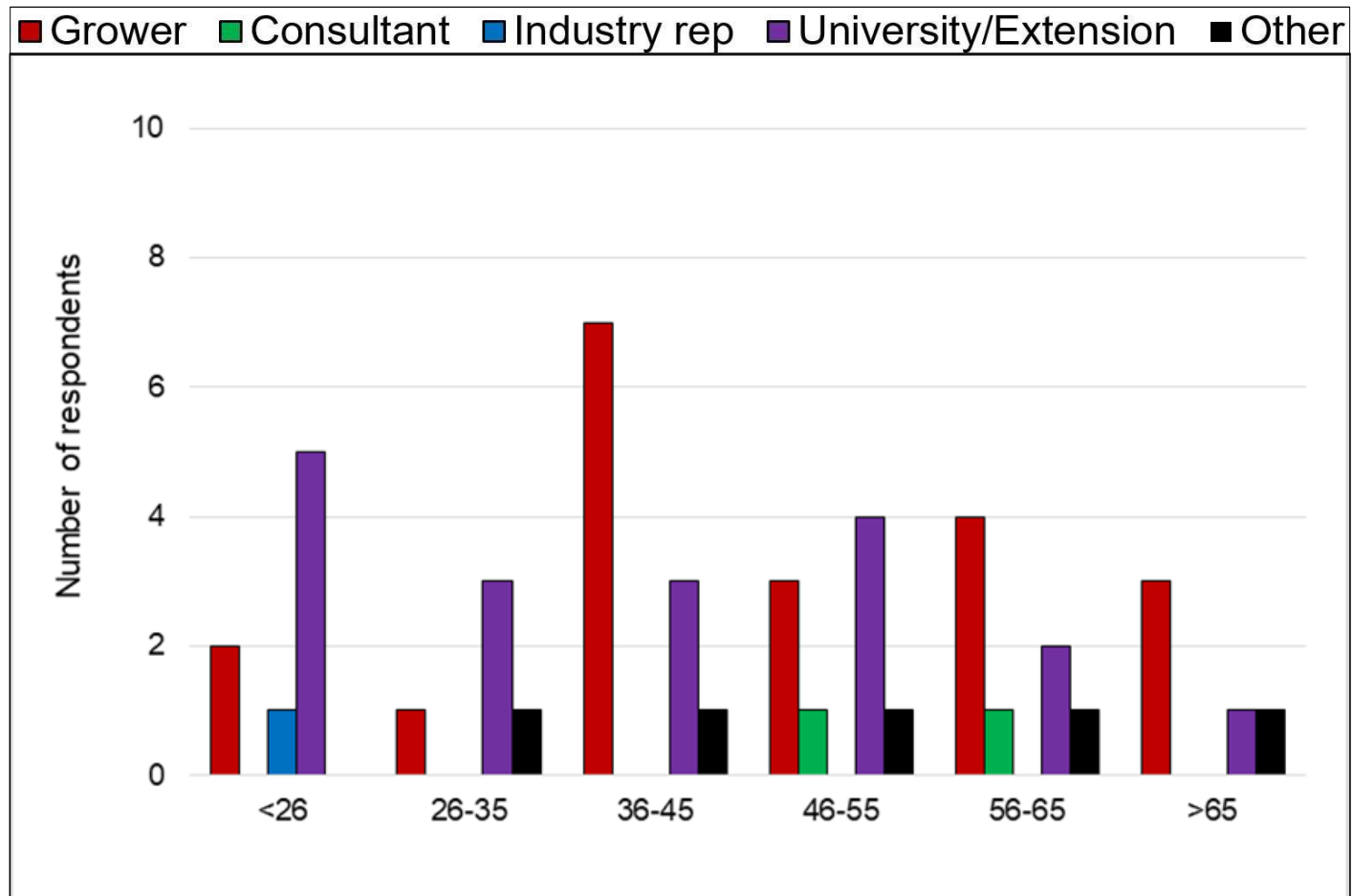
## Who are you?



## What state are you based in?



# What is your age?

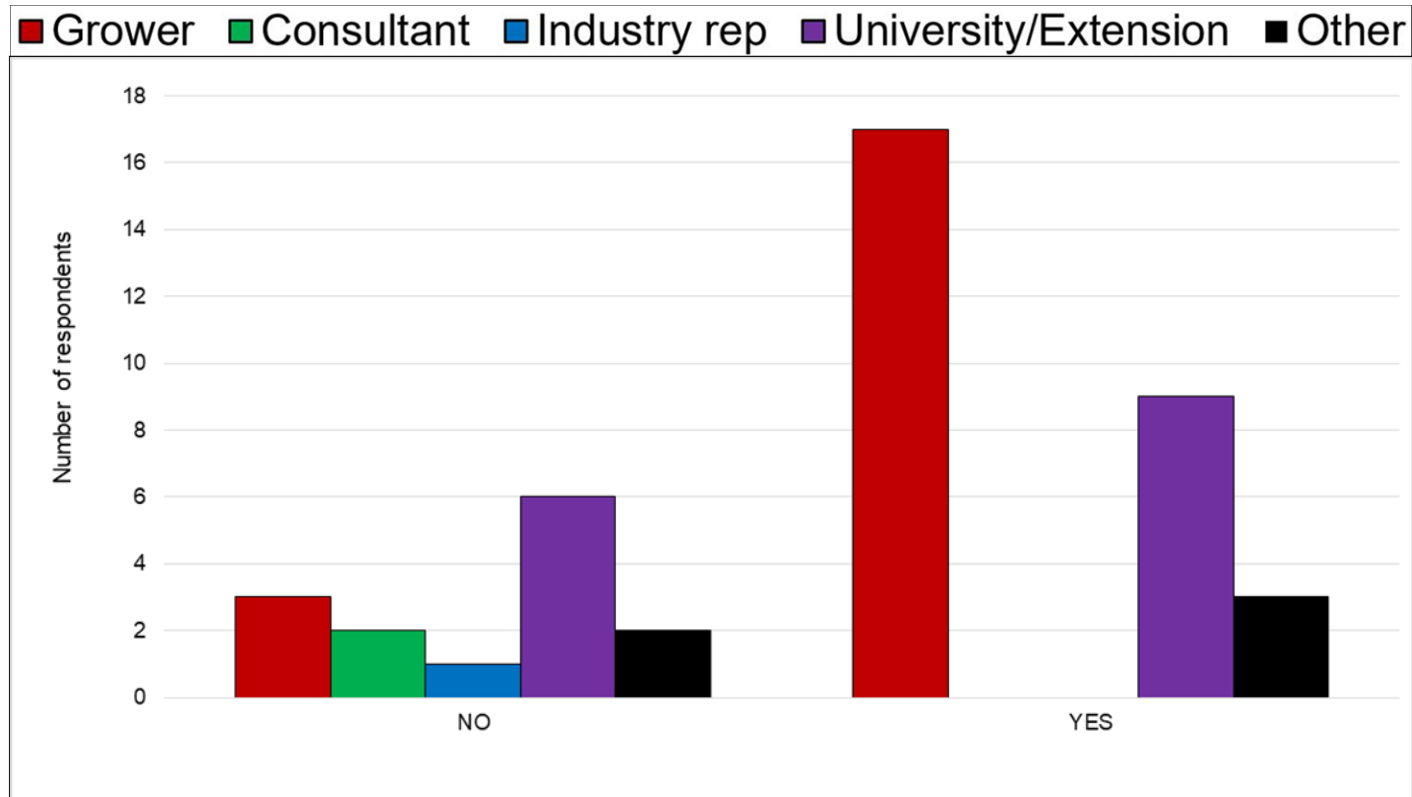




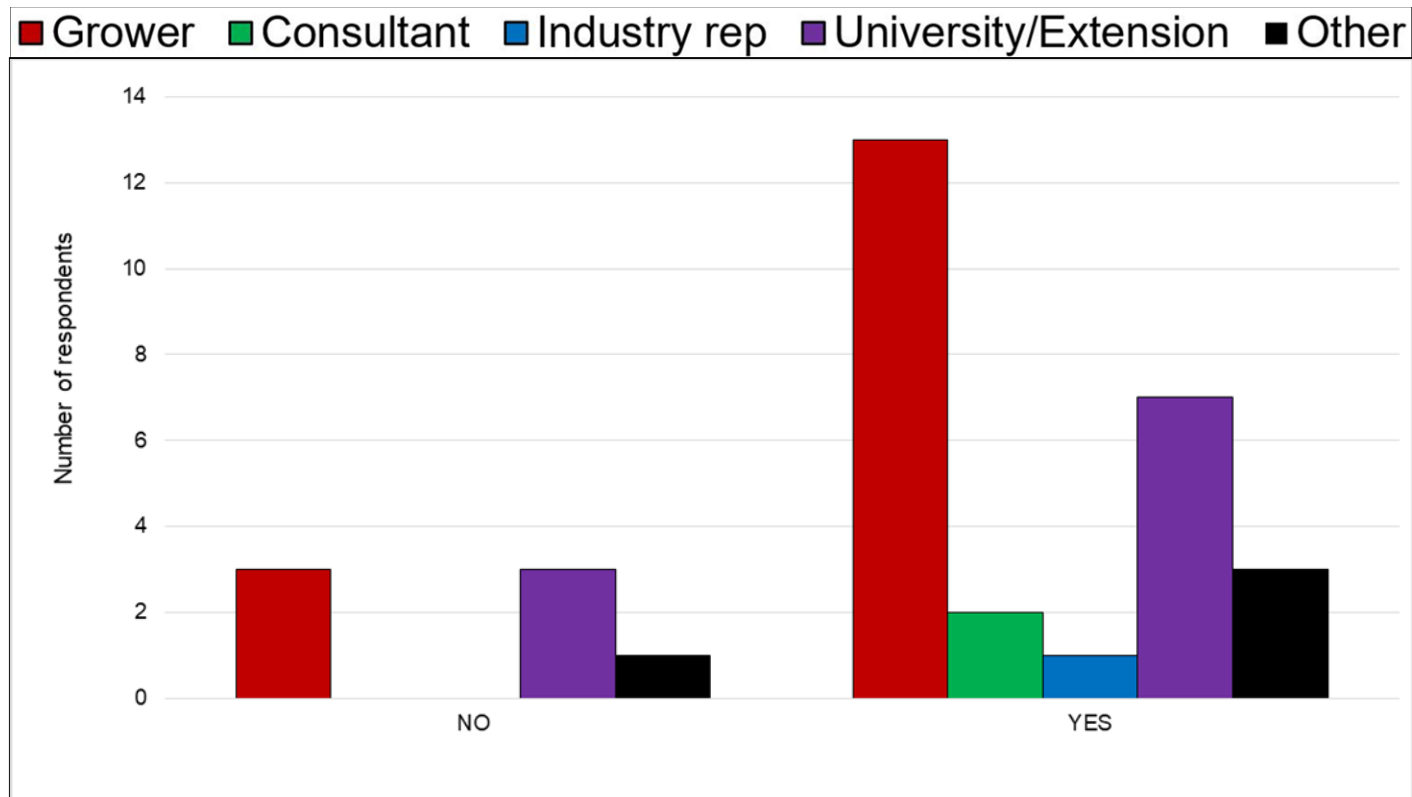


# **Tomato breeding**

# 1. Do you grow NCSU bred tomato varieties?

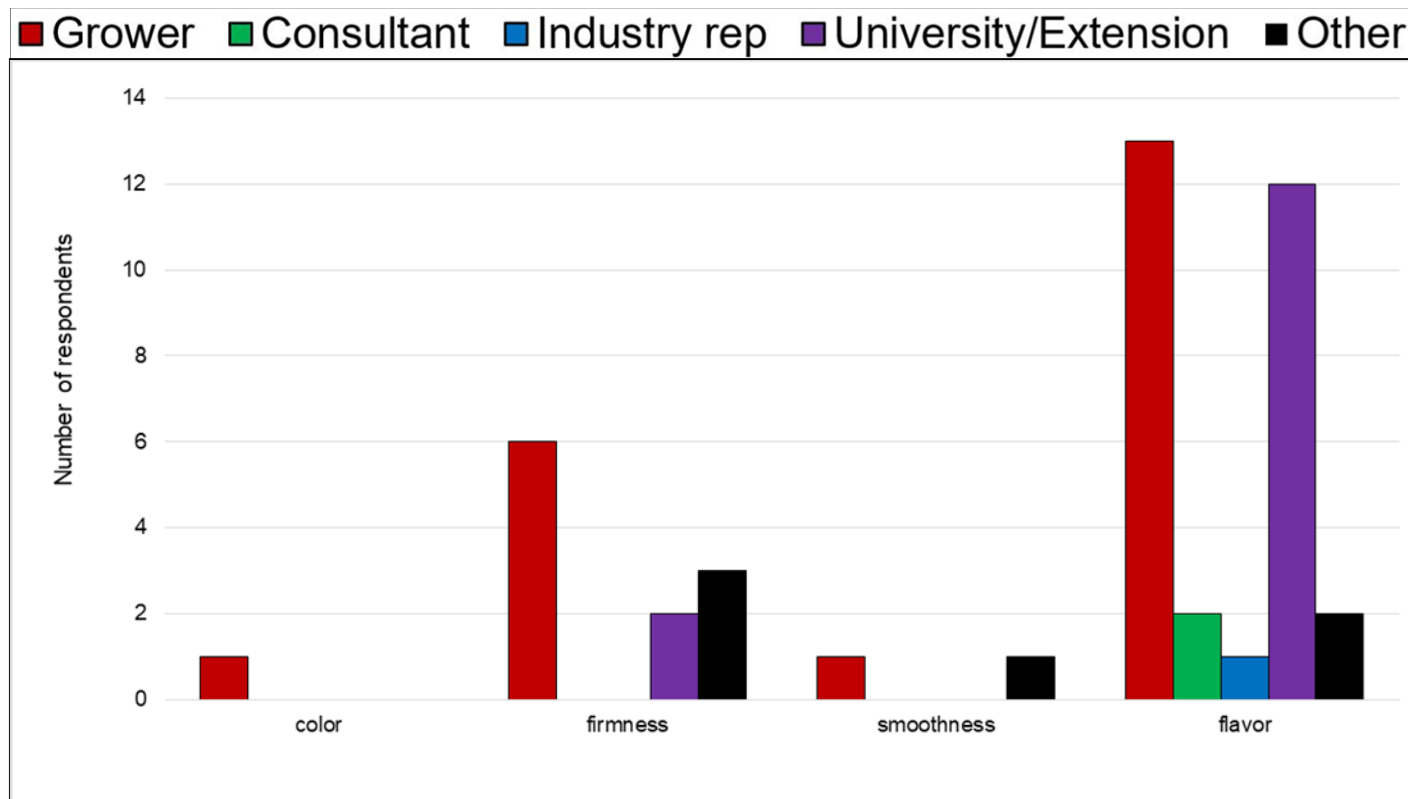


## 2. Do you find them better than other, non-NCSU bred tomato varieties?

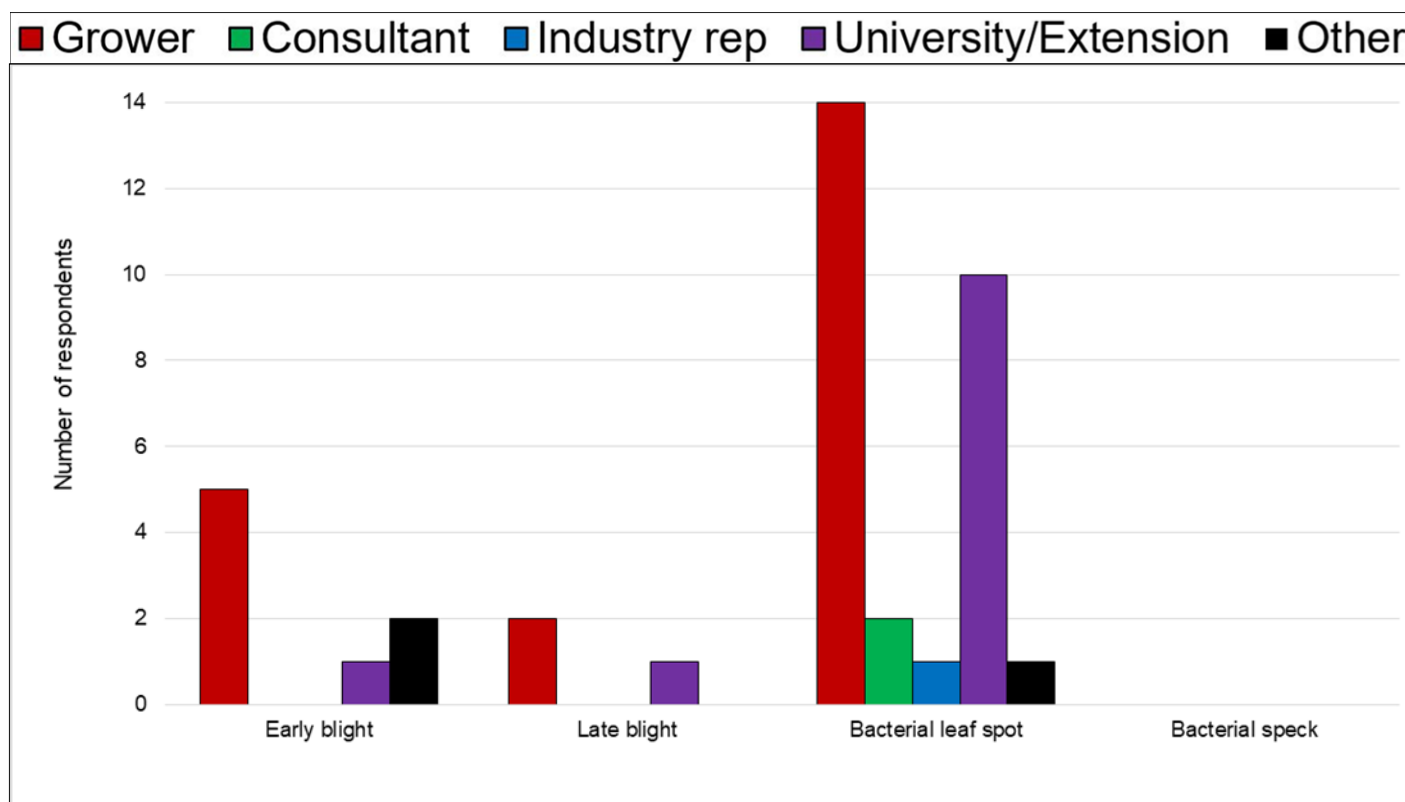




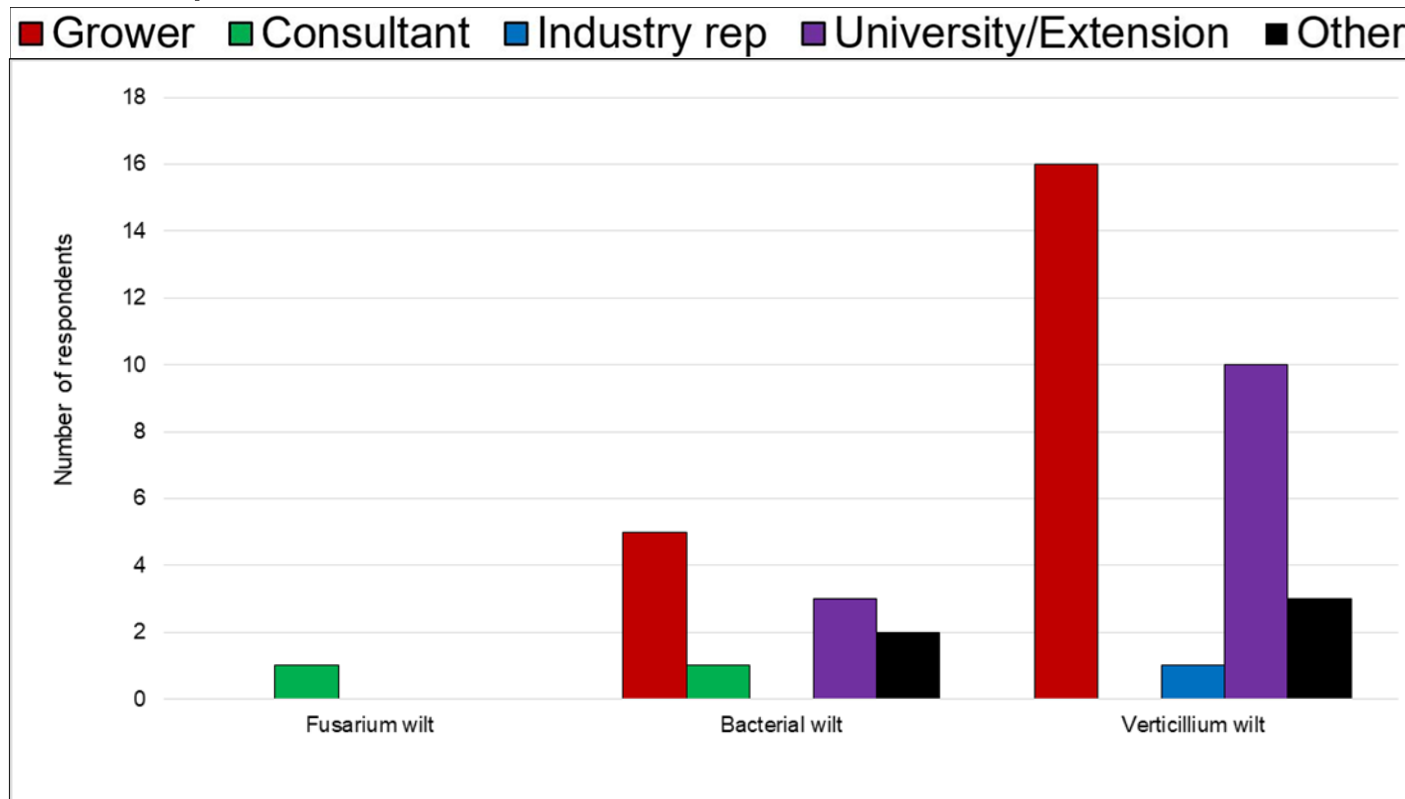
3. What are the major fruit quality traits that you want breeders to focus on? (Choose your number one)



4. What are the most important FOLIAR diseases that we should focus on for breeding? (Choose your number one)



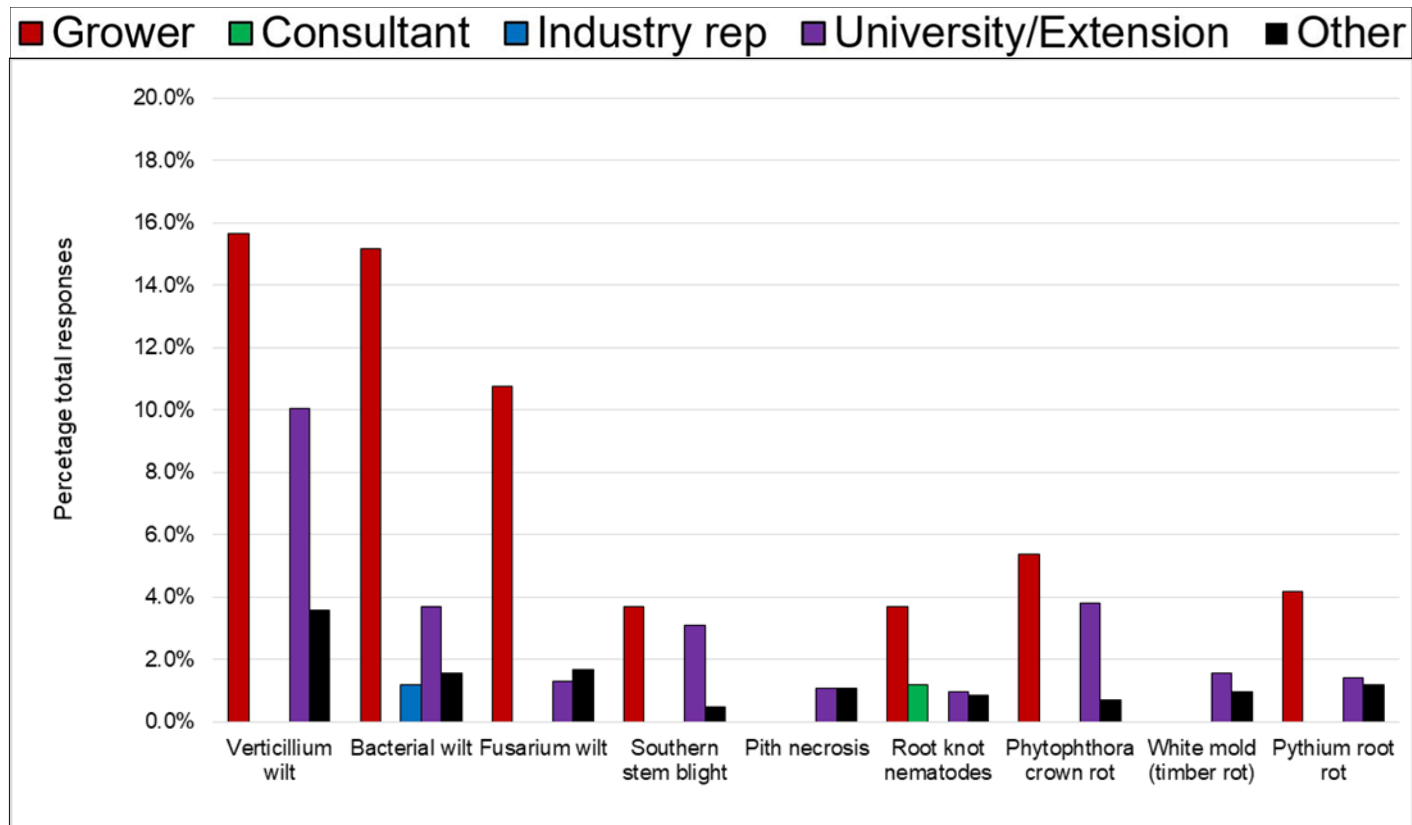
5. What are the most important SOILBORNE diseases that we should focus on for breeding? (Choose your number one)



A close-up photograph of several green leaves, likely from a plant in the Cucurbitaceae family, showing signs of disease. The leaves are covered with numerous small, yellowish-brown spots (chlorotic lesions) and have several irregular holes, suggesting damage from insects or pathogens. The leaves are arranged in a dense cluster, with some showing more severe damage than others.

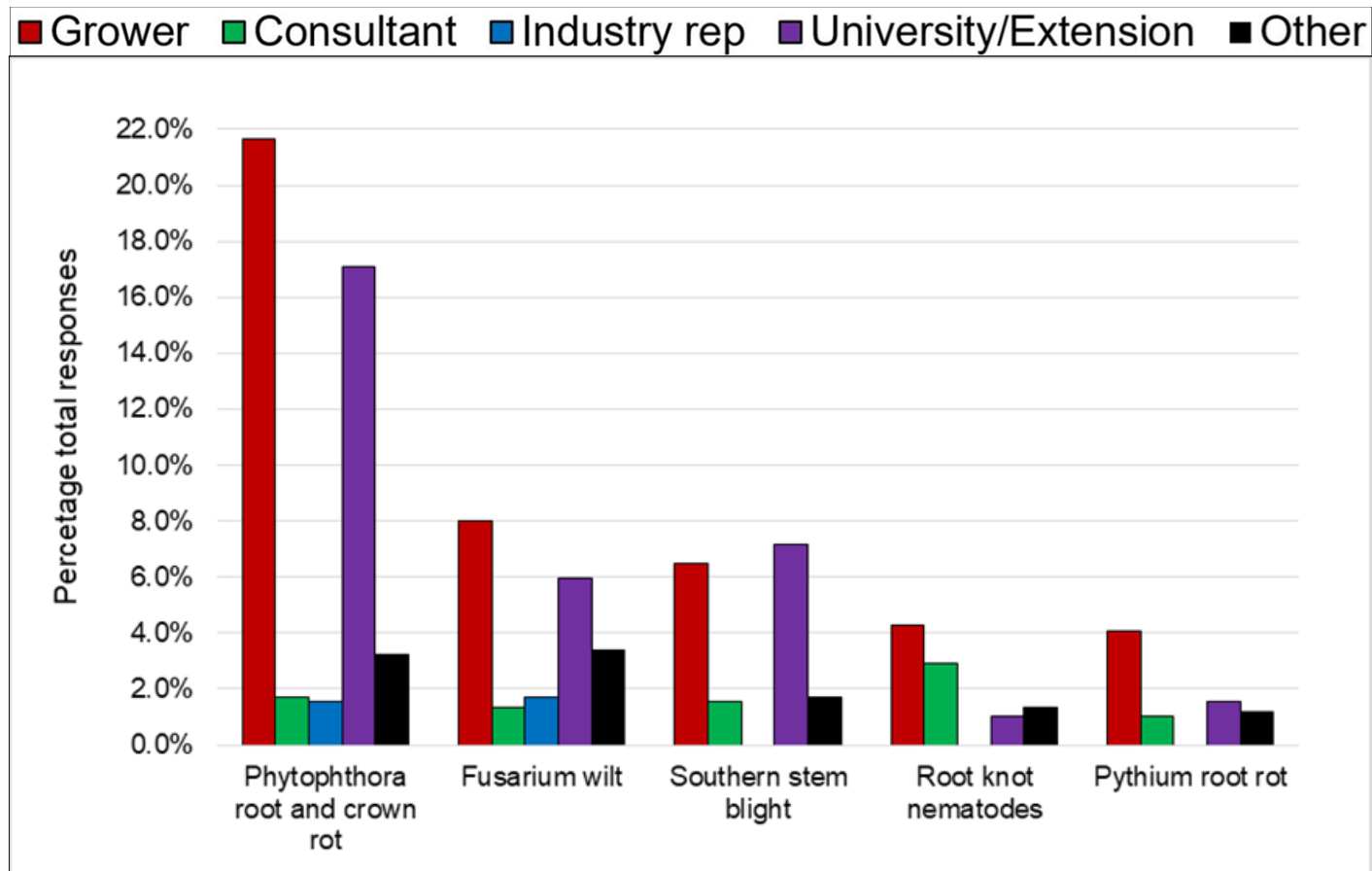
# **Disease management**

## 6. RANK #1-9: What is the most important tomato SOILBORNE disease that you have?

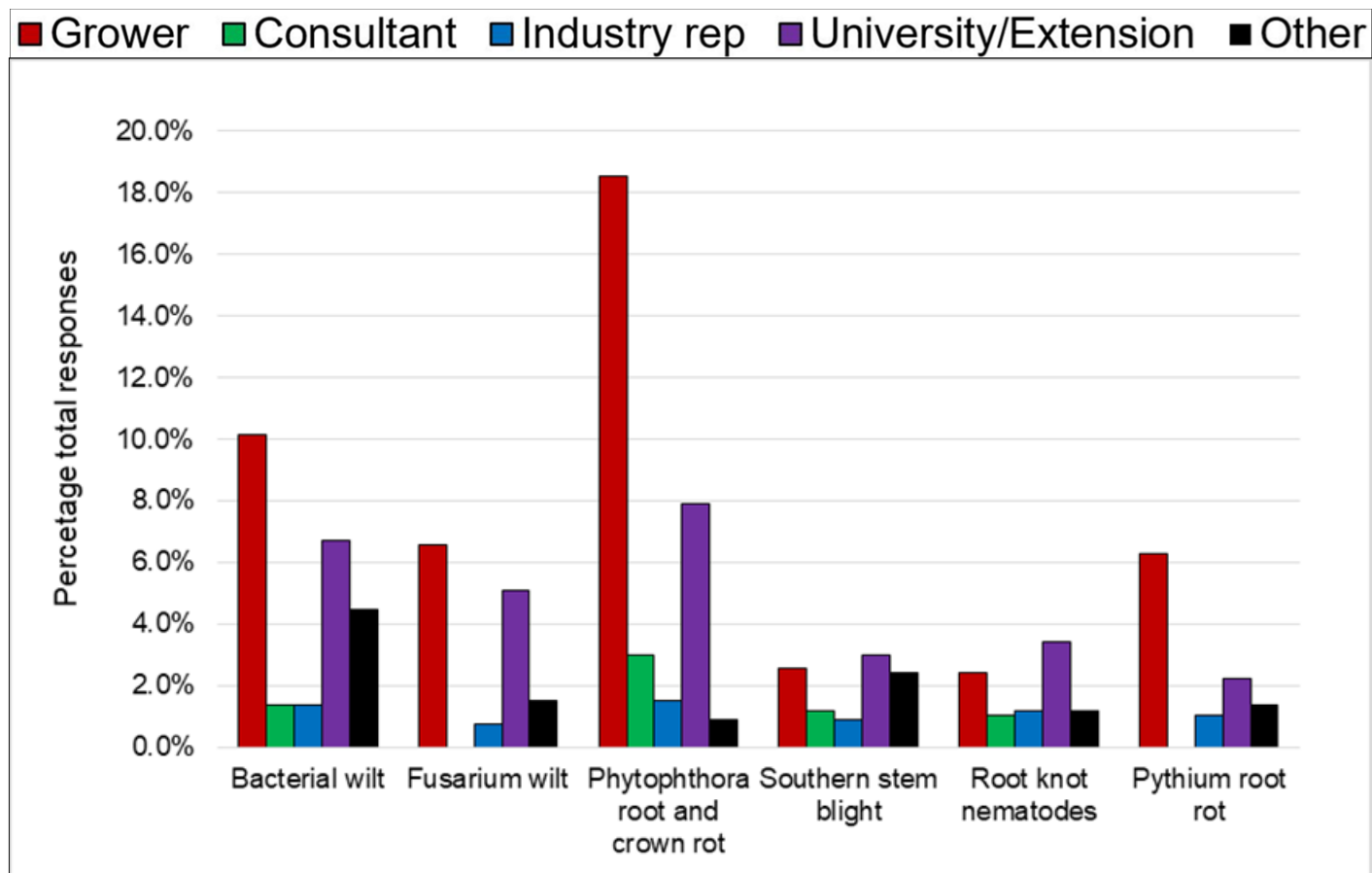




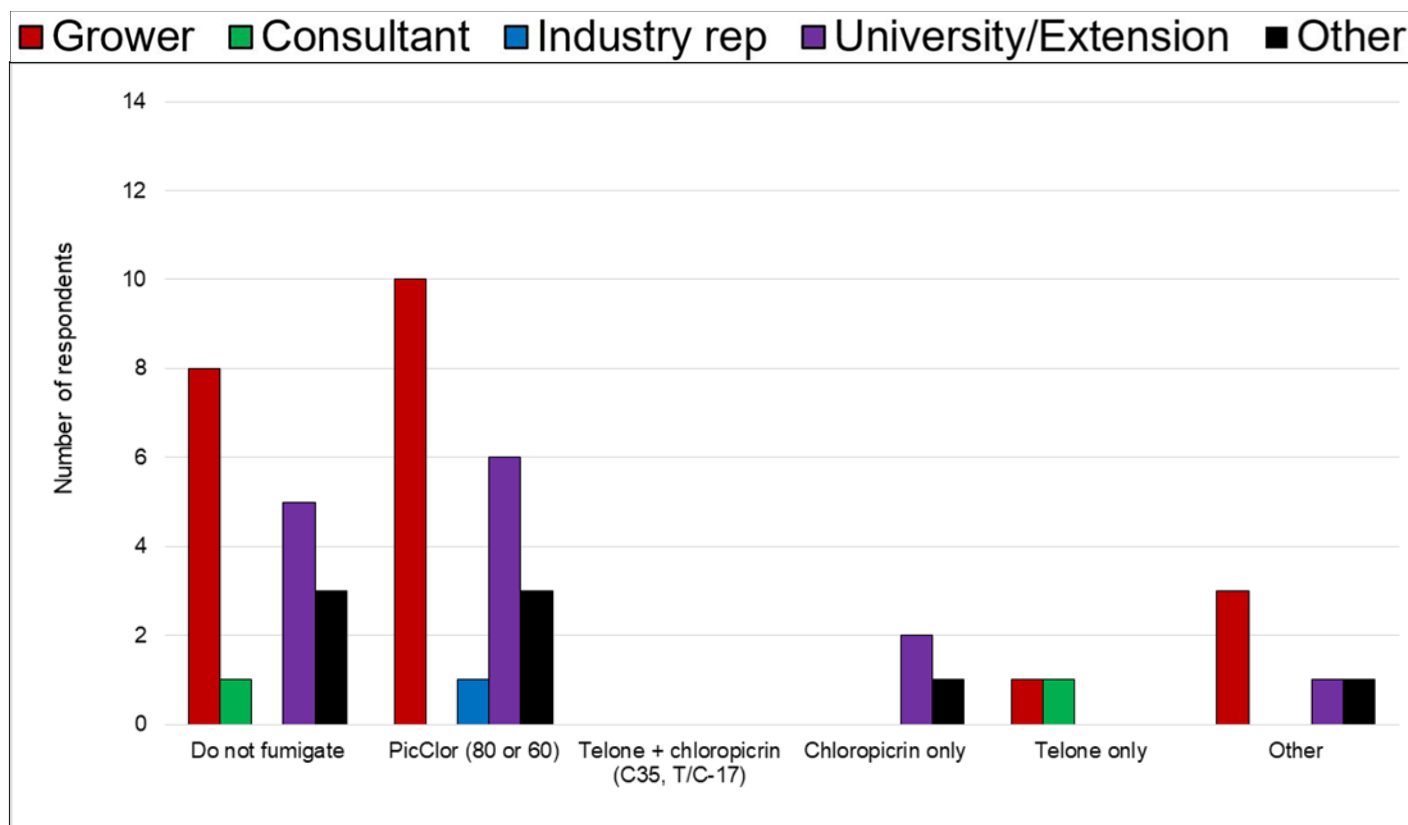
## 7. RANK #1-5: What is the most important cucurbit SOILBORNE disease that you have?



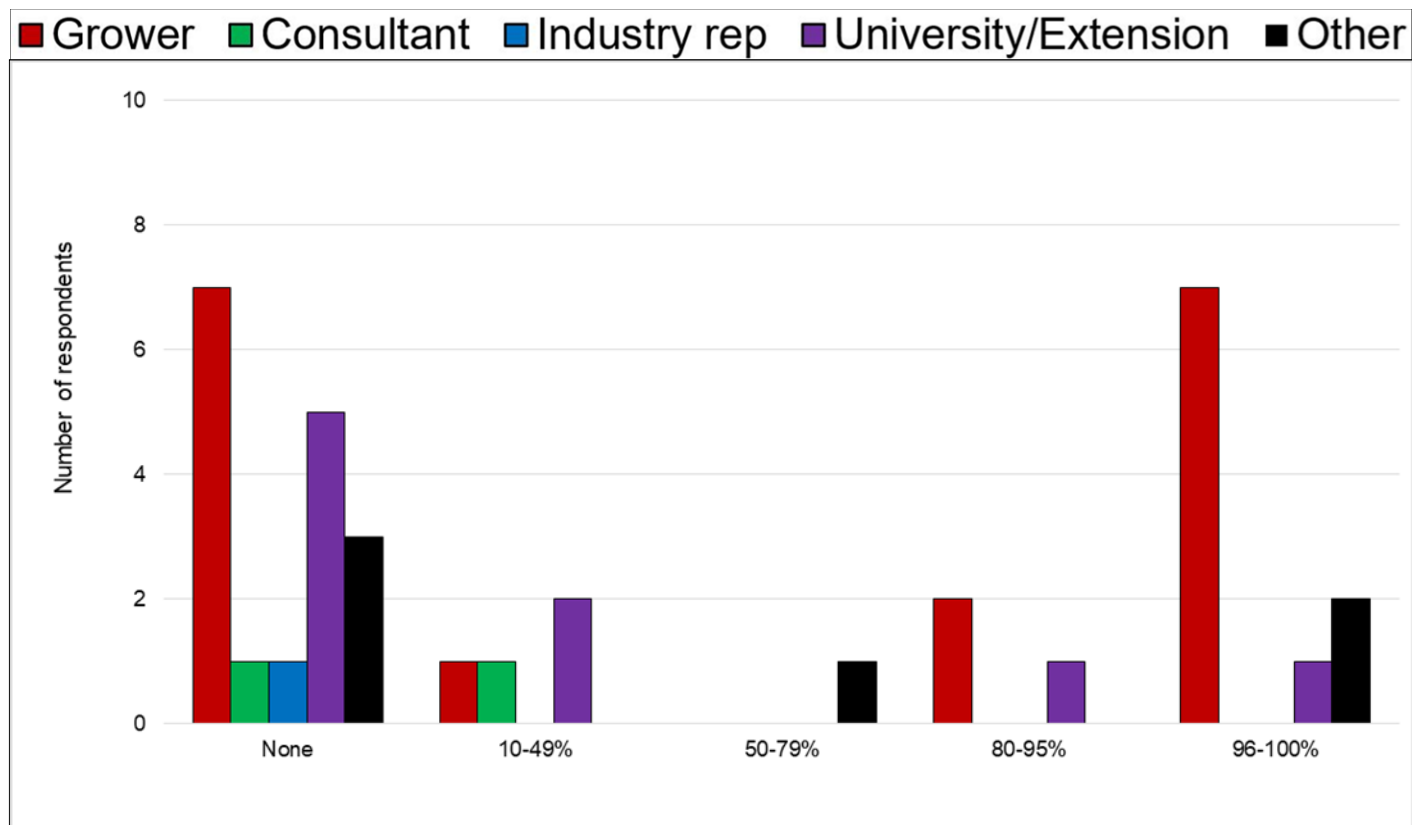
## 8. RANK #1-6: What is the most important pepper SOILBORNE disease that you have?



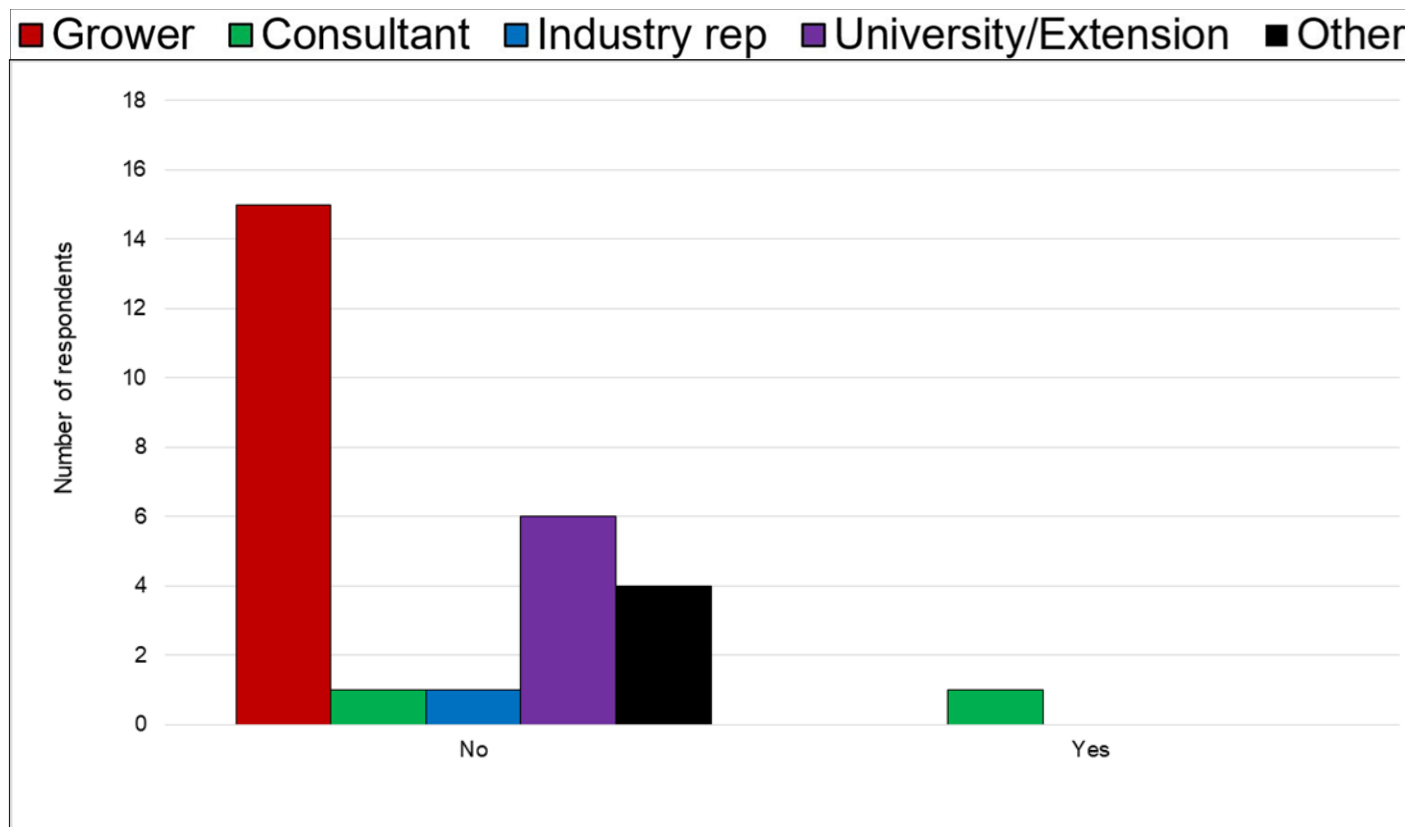
## 9. What fumigant do you most often use? (May select up to two)



## 10. What percentage of your acreage do you fumigate?

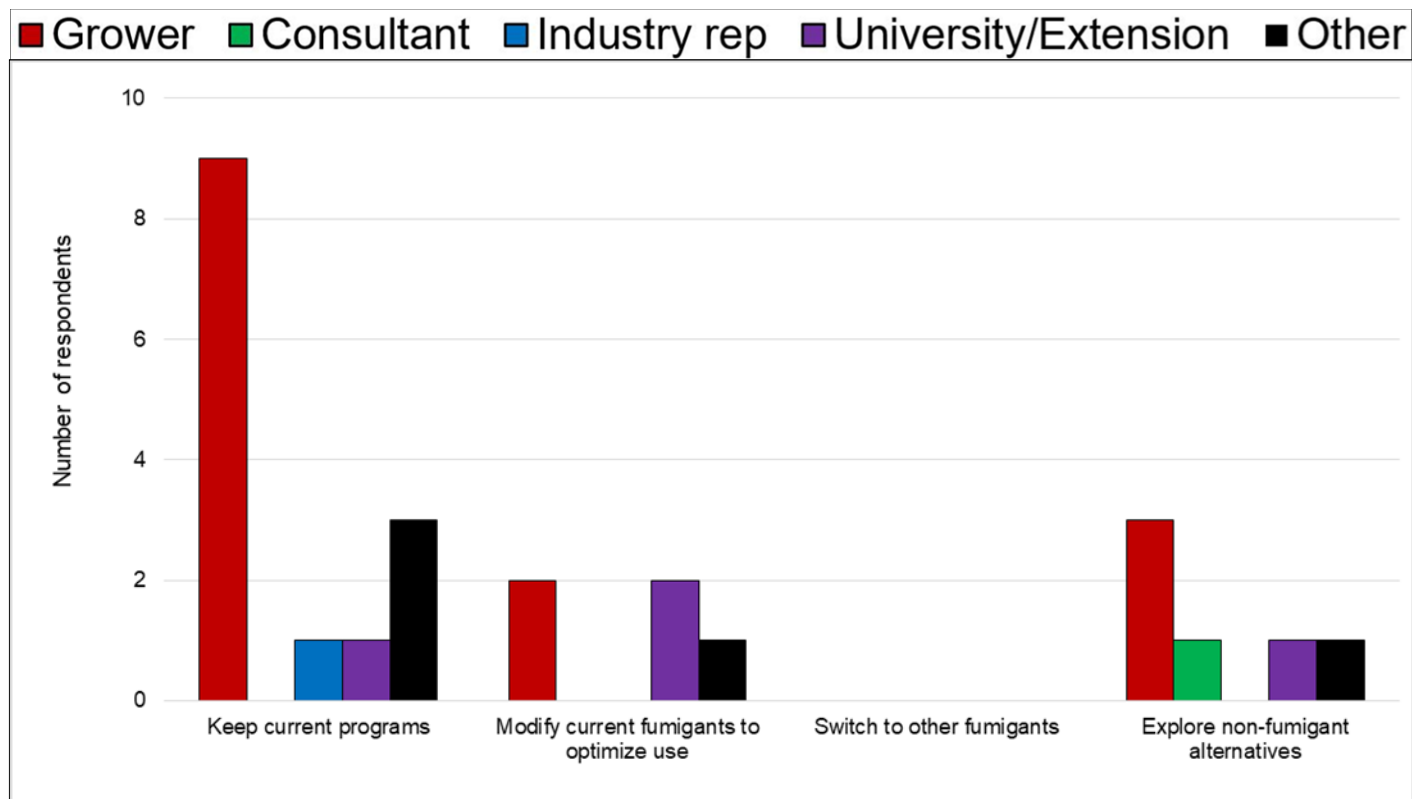


11. If you do not fumigate, is your farm considered an organic production system?

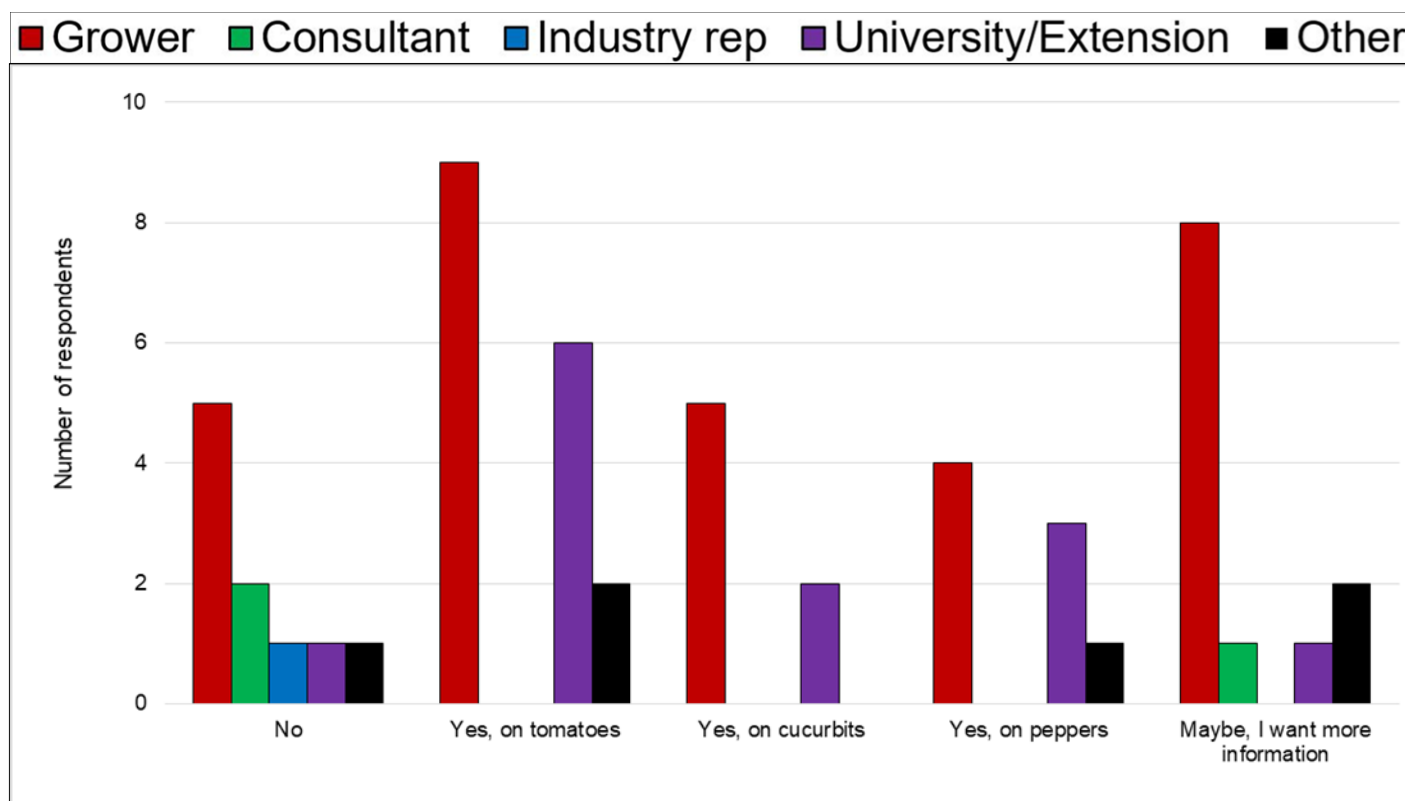




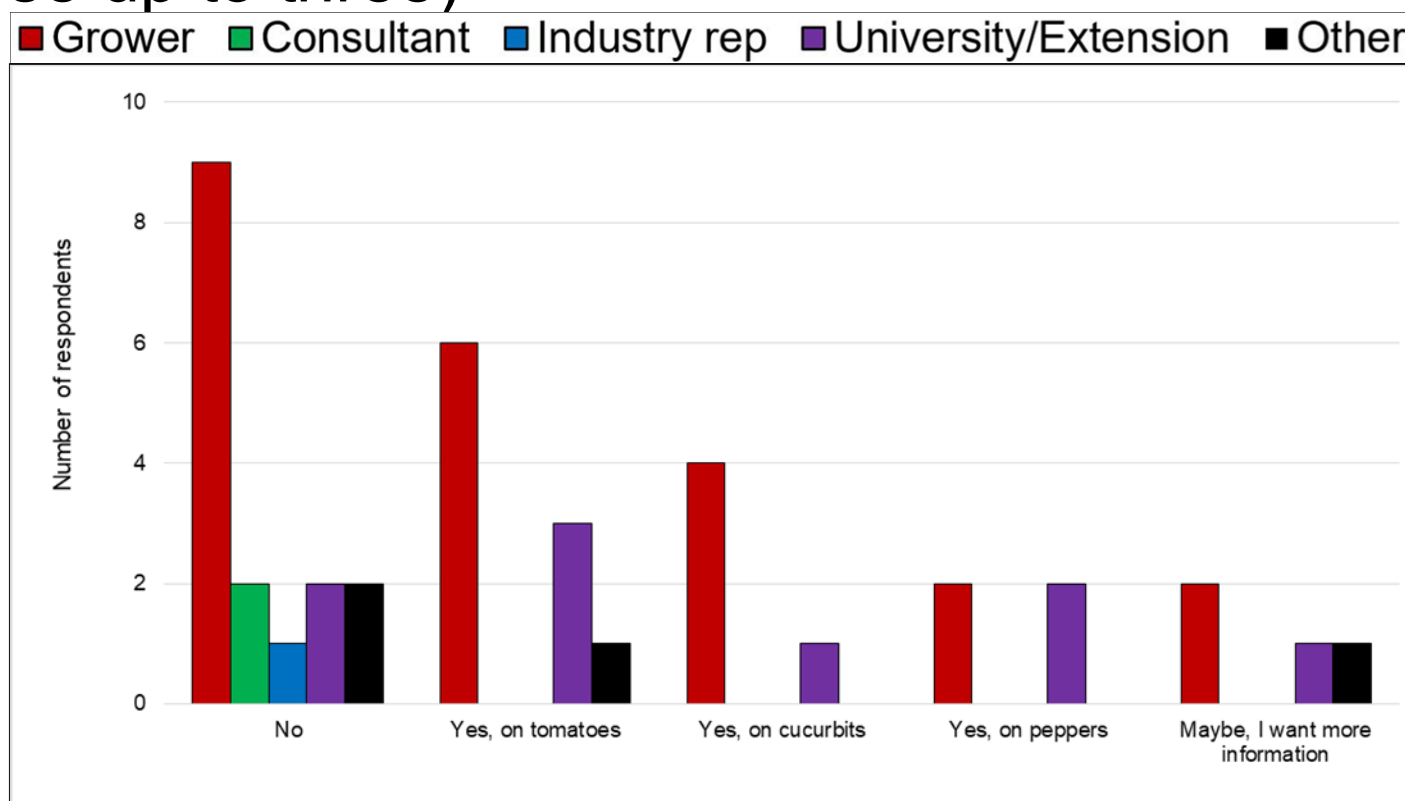
12. If you do fumigate, do you have plans to:



13. Do you anticipate changing your spray program for tomatoes, cucurbits, or peppers based on information provided in the program? (Choose up to three)



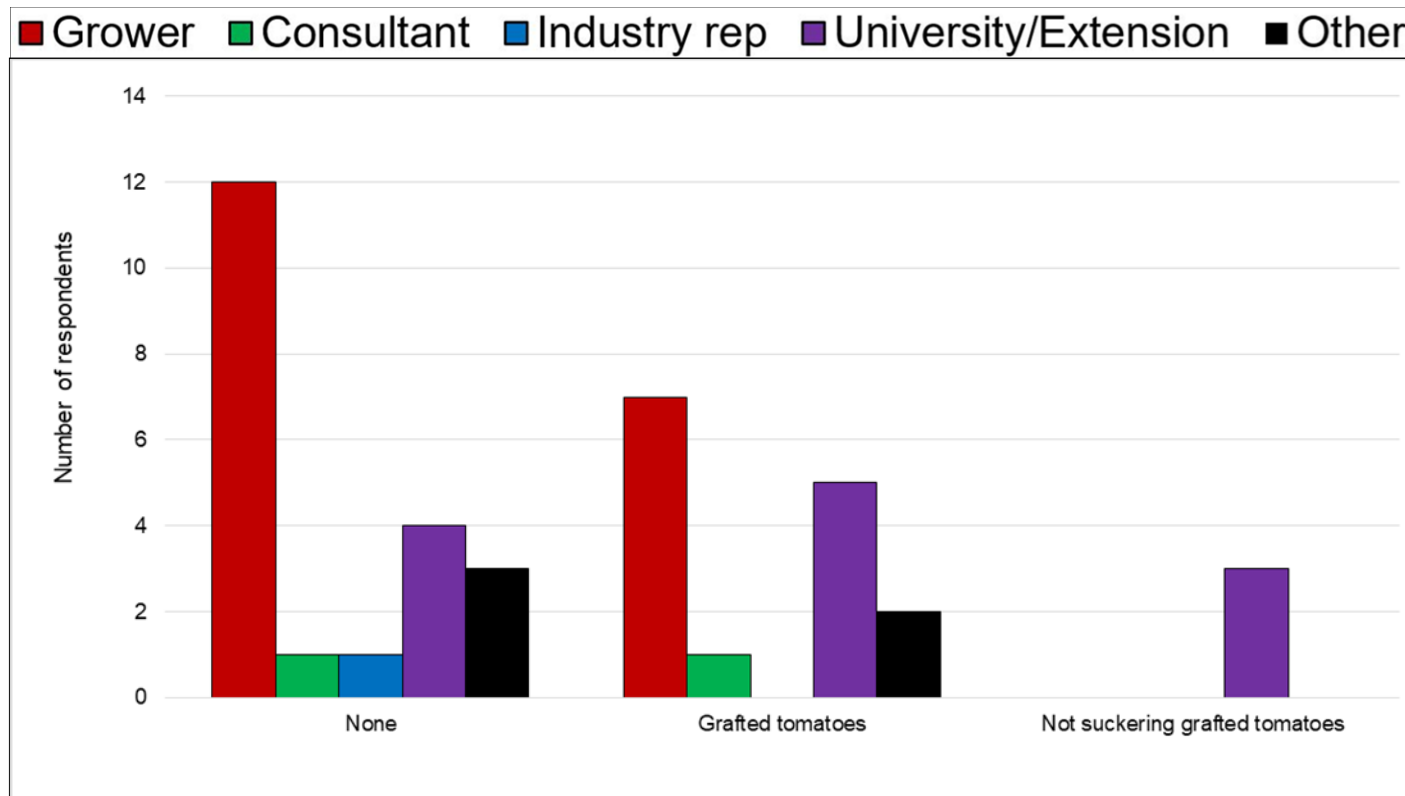
14. Do you anticipate the change in your spray program (for either tomatoes, cucurbits, and/or peppers) to increase your profits OR to reduce your input costs? (Choose up to three)





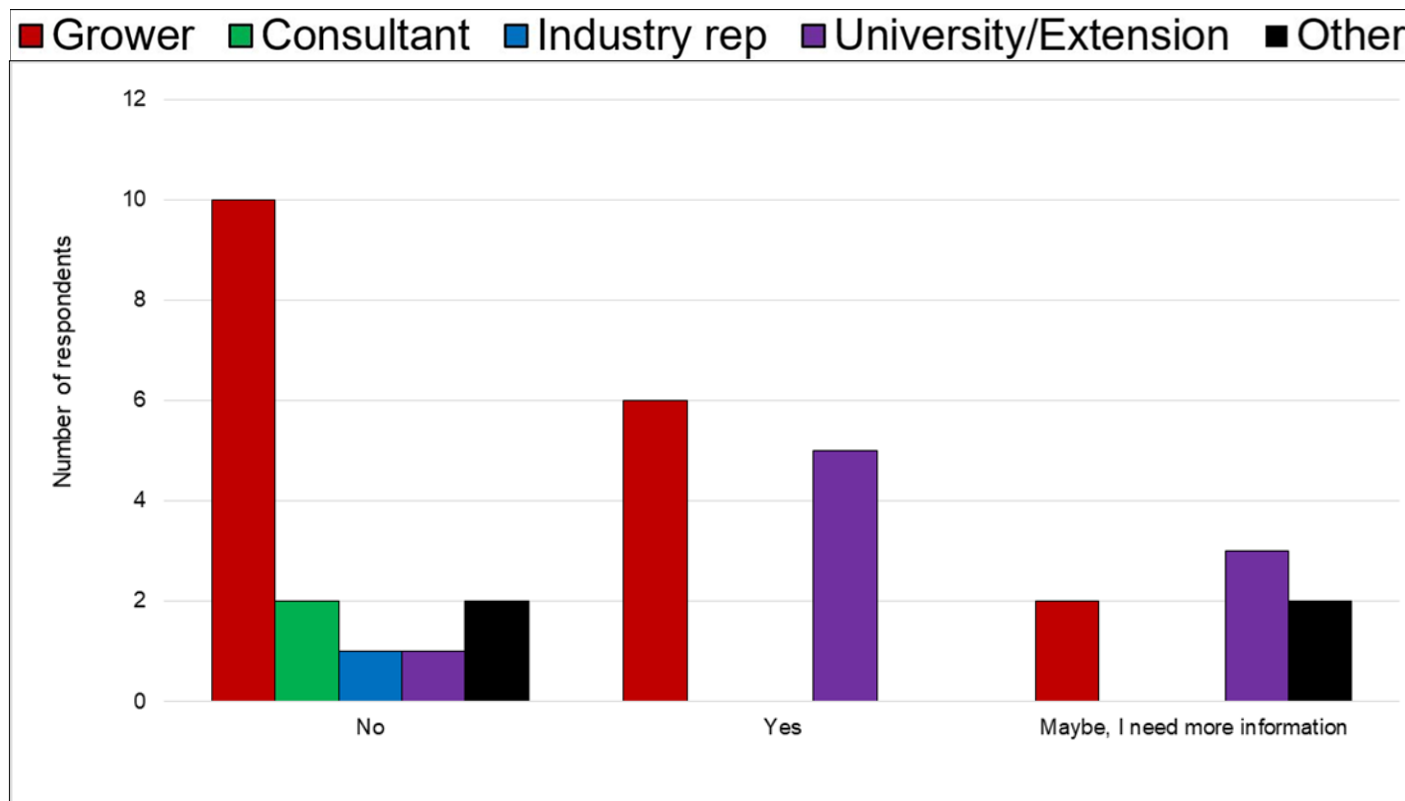
# **Cultural practices**

15. Which of these practices do you (or the growers you serve) anticipate adopting or trying? (Choose up to two)

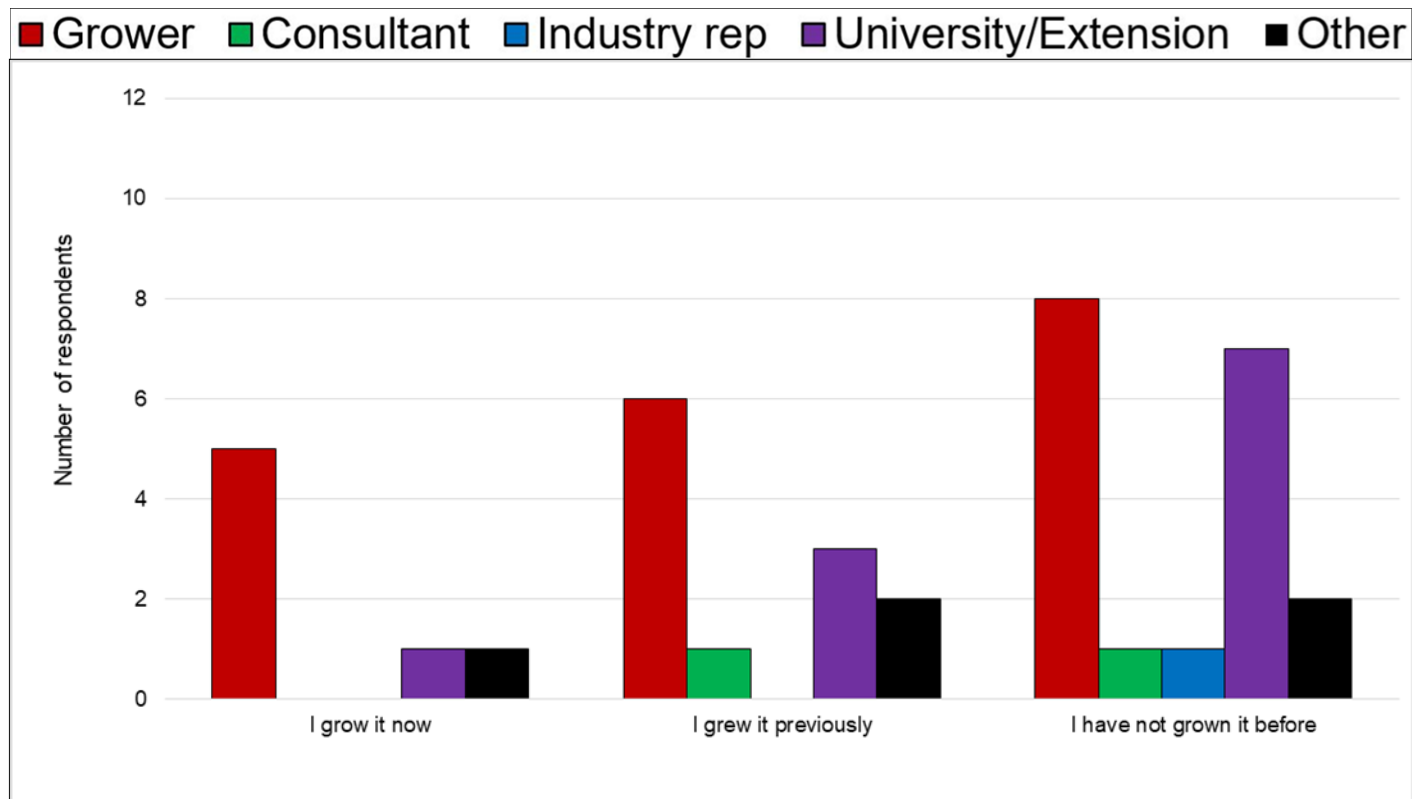




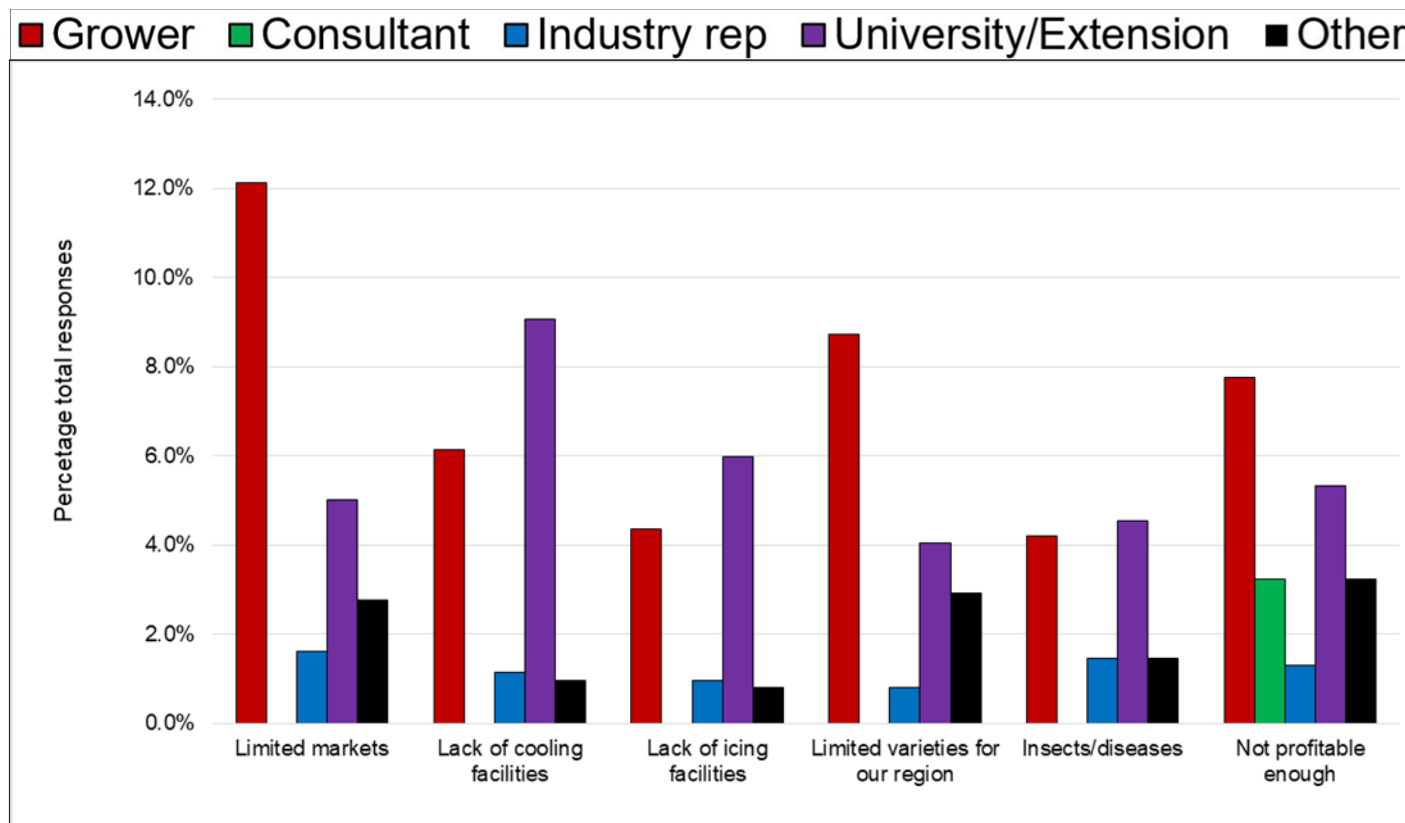
16. Do you anticipate increasing profits OR reducing input costs from adopting this practice (either in the short term or long term?)



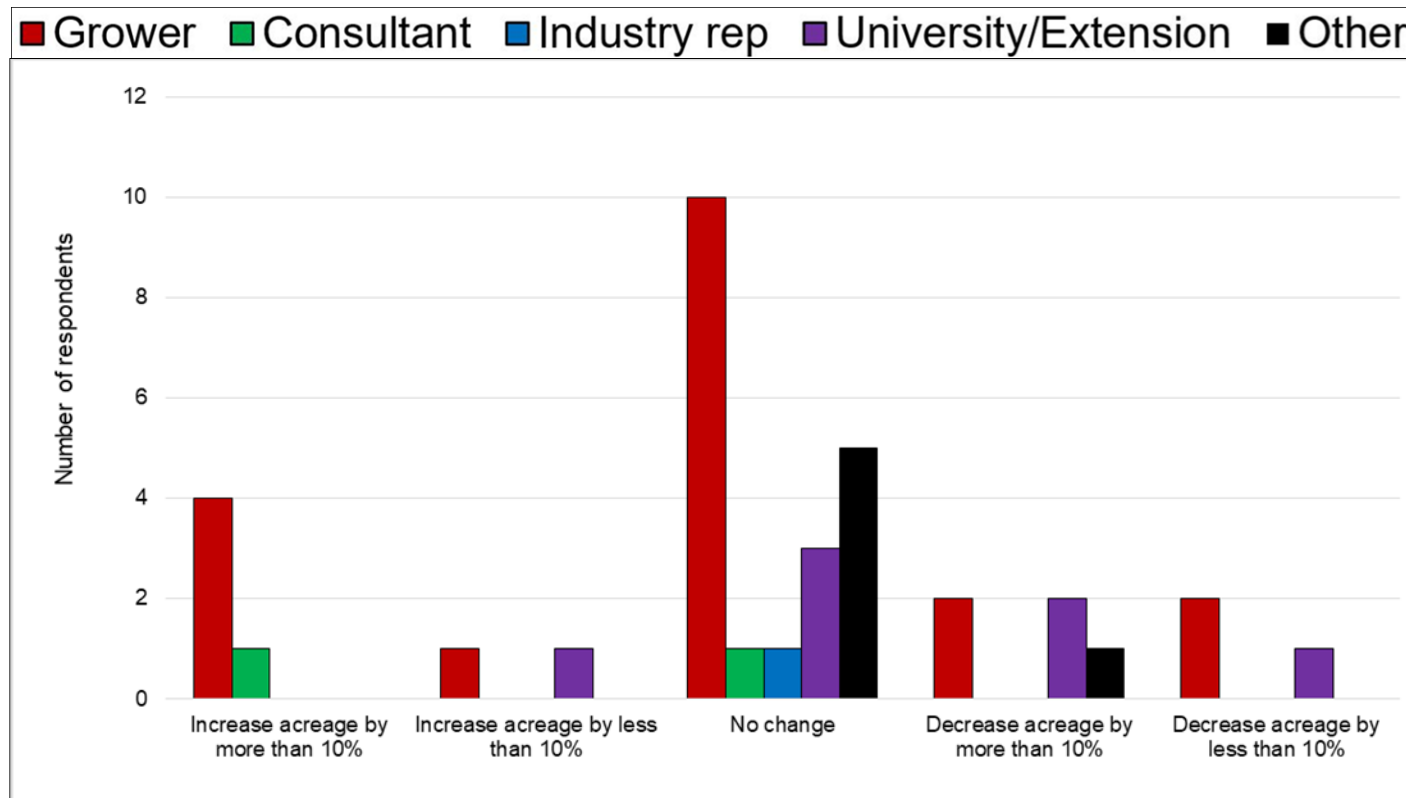
## 17. Have you grown broccoli in North Carolina?



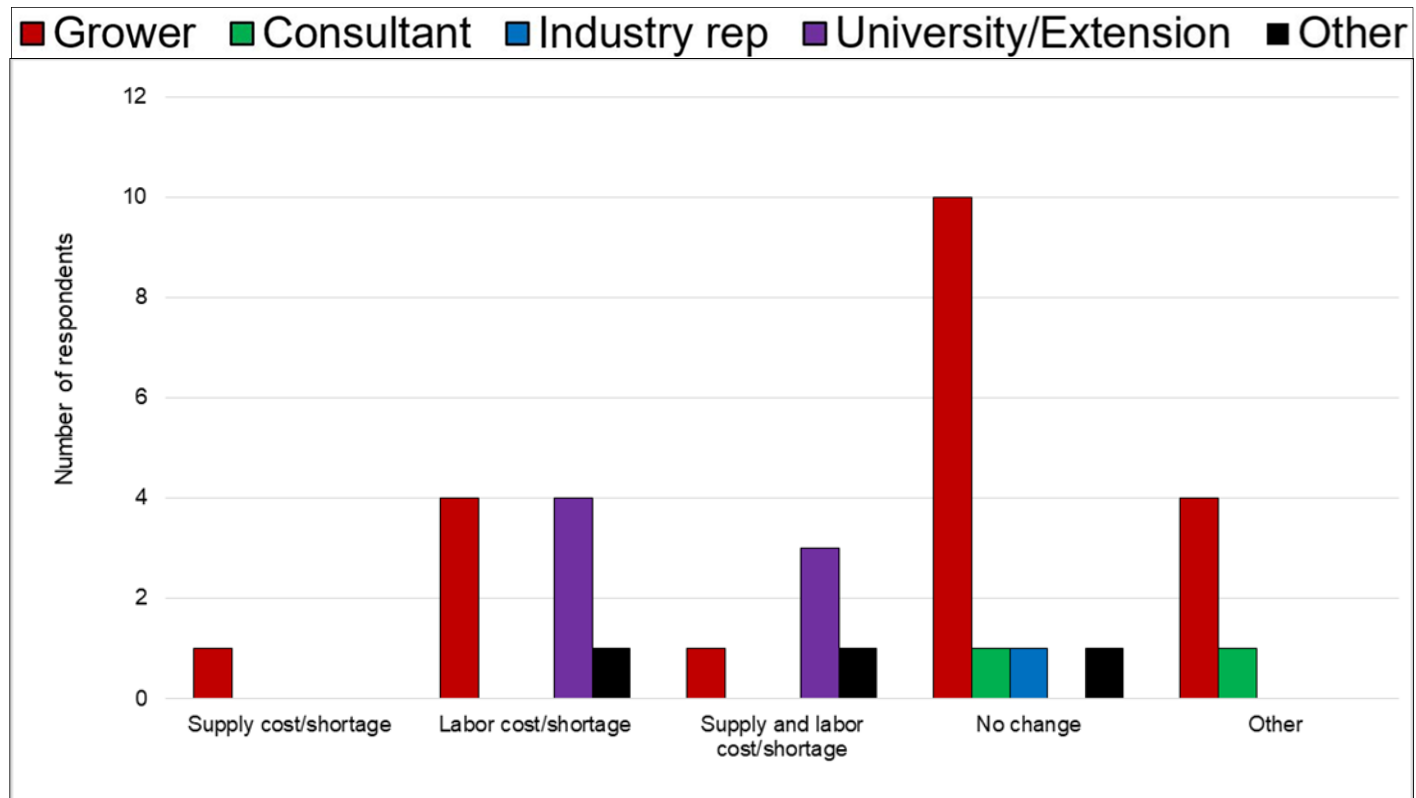
## 18. RANK #1-6: What do you think are the biggest challenges to producing commercial broccoli in North Carolina?



19. How much do you anticipate changing acreage of tomatoes?  
(Example: if you planted 5 acres last year, 10% = 0.5 acres)



## 20. Why are you changing acreage of tomatoes?

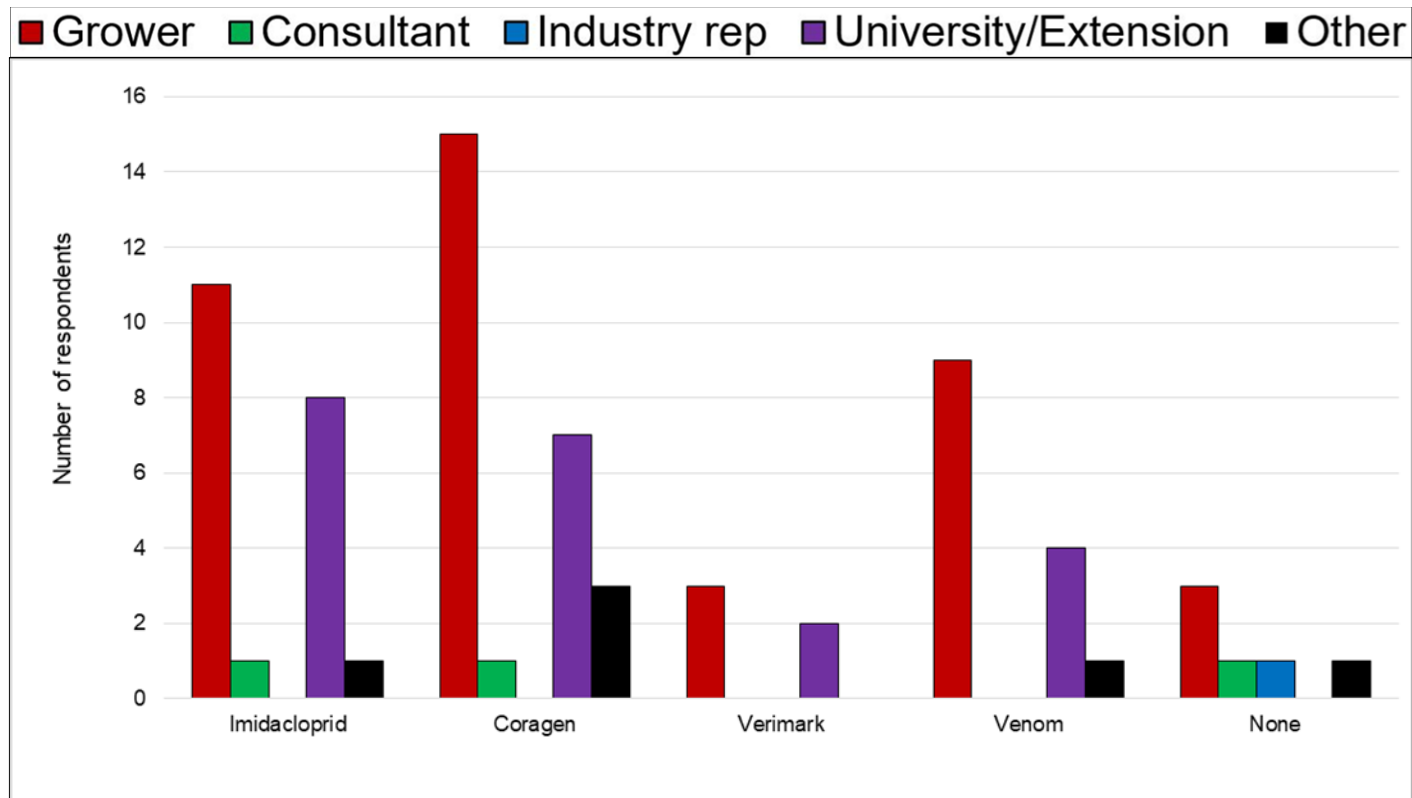




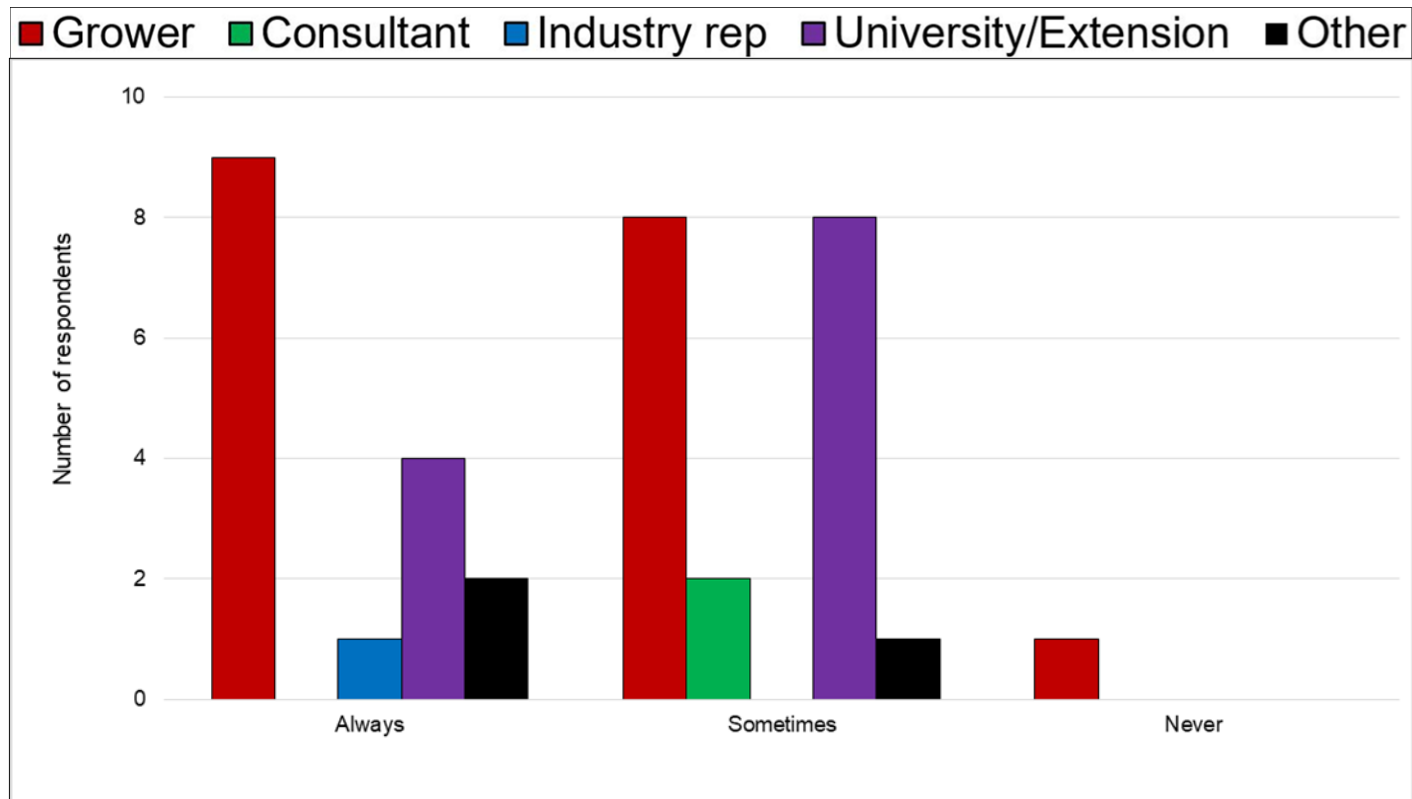
A close-up photograph of a tomato plant's leaves. The leaves are green but show significant damage, including numerous small, dark brown spots (likely from fungal or insect damage) and larger, irregular holes where the leaf tissue has been eaten. The background is a blurred mix of green foliage and reddish-brown soil.

# **Insect management**

21. Which of the following insecticides have you injected into drip irrigation? (Choose up to four)



22. When choosing an insecticide to apply, do you consider its effect on beneficial insects?



23. Which of the following insect pests do you consider most difficult to control? (Choose your number one)

