

REPORT

Appendix A – Questionnaire

Questions for growers:

To determine the future of agriculture, and what changes could mean for water demand and supply, you can help us by answering the following questions about your farm, water use, and what you think could happen to agriculture in the Similkameen Valley over the next 10 to 50 years.

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Background about the Farm

1. Farm name _____
2. Name and address of the person completing the questionnaire _____
3. What is your primary agricultural activity? (e.g. tree fruit, wine grapes, beef cattle, chickens, etc.) _____
4. In addition to the primary activity, what else do you produce?

5. If you raise livestock, what kind? _____
6. If no, have you considered raising livestock?
7. If you currently raise livestock, have you considered changing the type and number? (what type/what number)
8. Please identify the type(s) of crops you grow, and estimate the number of acres that are irrigated and not irrigated.

Crop	Acres Irrigated	Acres Not Irrigated
Hay		
Alfalfa		
Corn		
Other grain		
Vegetables (incl. potatoes, dry field peas, dry beans, garlic, melons, herbs)		
Nuts		
Apples and/or Pears		
Peaches or other soft fruit		
Berries		

Wine grapes		
Table grapes		
Other fruit		
Other		

Current Water Use and/or Water Issues

9. Do you currently irrigate? _____. If no, skip the next three questions.
10. What type of system(s) do you use (sprinkler, drip, wheel move, gun, or other)

11. Please identify the source(s) of your irrigation water (private well, river or stream, irrigation district, or others). _____
12. If you are using a private well for all or part of your supply, how long have you been using the well(s)? _____
13. Have you faced challenges in the past 10 years from not having enough water for irrigation, stock watering, or other on-farm uses?
14. Have you considered changing the crop type or area based on irrigation water supply?
15. If you answered yes to the preceding question, explain the changes that you are considering (such as more apples or alfalfa if I had more irrigation water or switch to grapes from hay). _____
16. If you do not irrigate, have you considered using irrigation? _____
17. Have you had any problems with flooding or high water tables in the past 10 years?

Future of Agriculture in the Similkameen Valley

18. Looking at the whole Similkameen Valley **10 to 20 years from now**, do you think the amount of agricultural activity will be:
 - a. About the same as it is now
 - b. More than occurs now
 - c. Less than occurs now
19. In 10 to 20 years, do you think challenges related to water supply will:
 - a. Be about the same as now
 - b. Be worse than now
 - c. Be better than now
20. **How would agriculture change if there are more challenges in securing adequate water supply?**
21. Once we have compiled this information, we will be creating future scenarios for agriculture to enter into a water modeling program. Can we present you with the scenarios for your feedback?