

Survey to farmers/fruit growers.

1. Usually, how many apple hectares do you sow?
2. Have you heard of the pathogen *Erwinia Amylovora*?
3. Do you know the disease popularly known as blotch or fire blight?
Have you (or your client) been directly affected by it? *(If the disease is unknown by name, please describe it.)*
4. Approximately, how much crop was affected? How much of this was lost? *(Units can be hectares or capital.)*
5. How did you fight or recommend fighting this disease?
6. Have you heard of synthetic biology and how it relates to agriculture?
7. Did you know that bacteria are currently used to fight different diseases instead of using antibiotics or pesticides? What is your opinion on that? *(Explain the benefit)*
8. What comes to mind when the term Genetically Modified Organisms is mentioned? *(Explain in case of ignorance or misconception)*
9. What comes to mind when the term transgenic food is mentioned? *(Explain in case of ignorance or misconception)*
10. What would you say if I told you that synthetic biology could be used to create better and more efficient bacteria (biological control) to combat fire blight?
Advantages and disadvantages
11. What would you say if I told you that synthetic biology could be used to create transgenic food that combat fire blight by itself? *Advantages and disadvantages*
12. Which product would be more useful for you?
13. Do you think you this product could be complemented?

14. Currently, what method or product do you use to combat fire blight? (Solution description)
15. What recommendations would you give to the solution mentioned before?
16. Did you know that there is a way to create a plant that fights this disease by itself?
Would this product be useful to you?
17. Do you know that using synthetic biology it is possible to create bacteria with beneficial properties used as a biocontrol that counteracts this disease when applied?
18. Based on the above, what product would be of interest to you?
19. In case you chose the last option, in which way would it be easier to apply? (Mention some options)
20. After all, what do you prefer, prevent or eradicate fire blight when infected?