



Knowledge Matrix

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Beginning Farmer Rancher Development Program




Developing the Next Generation of Sustainable Farmers in Georgia Grant



Instructions

The *Knowledge Matrix* serves as a tool to ensure (a) the Journeyman Farmer knows what information he or she is expected to learn, and contrastingly (b) the farmer host knows what information to teach each student.

Using levels from the following key, answer each question by highlighting your answer in yellow with your computer or a highlighter pen (ex. **1**). Highlight only one response per question and do not leave any answer blank. For questions that you do not have an answer, due to lack of experience or non-relation to your experience, please use the “N/A” response.

LEVEL	RESPONSE
1	I can do this by myself. 
2	I can do it with a little bit of help. 
3	I can do it with a lot of help. 
N/A	Not applicable

QUESTIONS

1. I can make professional receipts and sales orders – 1 2 3 NA
2. I can use a scale – 1 2 3 NA
3. I can keep track of my sales at market – 1 2 3 NA
4. I know when my vegetables are in need of watering – 1 2 3 NA
5. I know when my vegetables are ready to harvest – 1 2 3 NA
6. I know when my vegetables are too old or taste too bad to harvest – 1 2 3 NA
7. I keep my vegetables as cool and protected after I harvest them – 1 2 3 NA
8. I throw vegetables that did not sell at market into the compost bin – 1 2 3 NA
9. I use hand tools well – 1 2 3 NA
10. I use a mechanical tools well – 1 2 3 NA
11. I know how to obtain a soil sample that represents my field or fields – 1 2 3 NA
12. I know how to read soil test results – 1 2 3 NA
13. I know how to follow the recommendations of a soil test – 1 2 3 NA
14. I know how to develop a crop rotation plan - 1 2 3 NA
15. I know the right time to start my market crops – 1 2 3 NA
16. I know the right time to start and kill my cover crops – 1 2 3 NA
17. I know the seedling trays, pots, needed for starting particular vegetable and create my soil mixture for starting seedlings – 1 2 3 NA
18. I make sure that my seedlings get the right amounts of water – 1 2 3 NA
19. I know the procedure for keeping the greenhouse or hoop house warm – 1 2 3 NA
20. I know how to prevent pests from getting out of control in the greenhouse – 1 2 3 NA

21. I know when and how to transplant my seedlings outside – 1 2 3 NA
22. I know when to direct seed outside – 1 2 3 NA
23. I know the correct spacing for all of my crops – 1 2 3 NA
24. I know when and how to thin direct seeded crops – 1 2 3 NA
25. I have a map or records of where I plant all of my crops every year – 1 2 3 NA
26. I can decide how much of each crop to plant based on sales projections – 1 2 3 NA
27. I can order enough seeds and/or transplants to fulfill my sales projections – 1 2 3 NA
28. I can identify at least three pests and their control methods – 1 2 3 NA
29. I know which vegetables are in the same family – 1 2 3 NA
30. I know and can follow basic food safety practices – 1 2 3 NA