



# Nevada County 4-H *Plant Science* Proficiency Program



## *LEVEL III – CONSUMER*

**NAME:** \_\_\_\_\_

**CLUB:** \_\_\_\_\_

**PROJECT:** \_\_\_\_\_

*PRIMARY MEMBERS ARE NOT ELIBIGLE TO PARTICIPATE IN PROFICIENCY PROGRAMS.*

1. Describe how you would replenish the soil with needed nutrients after testing your soil.

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2. Contact a local, state, or national association related to your project and determine what this association has to offer its members and other interested individuals.

*What I did:* \_\_\_\_\_

\_\_\_\_\_ *Project leader's signature*      \_\_\_\_\_ *date*

3. Describe how animals can destroy plants.

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4. Make a chart that explains how good selection can improve your stock.

\_\_\_\_\_ *Project leader's signature*      \_\_\_\_\_ *date*

5. Describe self and cross pollination and the advantages and disadvantages of each.

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6. Invite a guest speaker to one of your meetings and introduce them to the group.

*What I did:* \_\_\_\_\_

\_\_\_\_\_ *Project leader's signature*      \_\_\_\_\_ *date*

7. Describe two pros and cons of chemical pesticides.

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8. Describe four types of soil structure and what you can do to improve each.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

9. Demonstrate three methods of weed control and explain when you would apply each.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

10. Report on a secondary aspect or by-product of your project industry.

*What I did:* \_\_\_\_\_

\_\_\_\_\_ *Project leader's signature* \_\_\_\_\_ *date*

11. Keep an account of cash expenses, time and labor charges. At the end of the growing season, compare your crop yield to your expenses.

\_\_\_\_\_ *Project leader's signature* \_\_\_\_\_ *date*

12. Keep a personal reference library of literature that will be helpful in your project.

\_\_\_\_\_ *Project leader's signature* \_\_\_\_\_ *date*

13. Describe five things you should consider in landscaping your home and tell why.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

14. Explain how to irrigate the following:

- Container grown plants \_\_\_\_\_
- Lawn \_\_\_\_\_
- Field crops \_\_\_\_\_

15. Take part in a demonstration or judging contest specific to your project area.

*What I did:* \_\_\_\_\_

\_\_\_\_\_ *Project leader's signature* \_\_\_\_\_ *date*

16. Report the history of one aspect of your project (equipment, technique, origin, etc.)

What I did: \_\_\_\_\_

\_\_\_\_\_ *Project leader's signature* \_\_\_\_\_ *date*

17. Alone or with a group, plan an activity related to your project.

What I did: \_\_\_\_\_

\_\_\_\_\_ *Project leader's signature* \_\_\_\_\_ *date*



**Congratulations!**  
**You have completed Level III of the Plant Science Proficiency Program.**

Name \_\_\_\_\_ Age \_\_\_\_\_

Club \_\_\_\_\_

Project \_\_\_\_\_

Project Leader's \_\_\_\_\_  
Printed Name Signature

Date \_\_\_\_\_

County Coordinator's \_\_\_\_\_  
Printed Name Signature

Date \_\_\_\_\_