

Colusa County 4-H *Plant Science* Proficiency Program



LEVEL III – CONSUMER

NAME: _____

CLUB: _____

PROJECT: _____

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

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.

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.

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.

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 _____

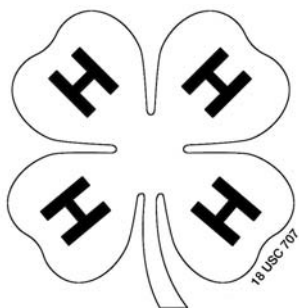
Project _____

Project Leader's _____
Printed Name Signature

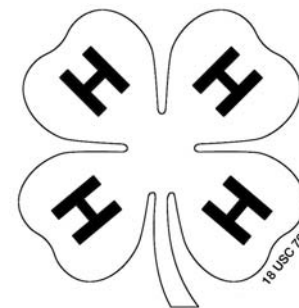
Date _____

County Coordinator's _____
Printed Name Signature

Date _____



Certificate of Achievement



This certifies that

has completed Level III of the Plant Science Proficiency Program in the
Colusa County 4-H Youth Development Program.

Project Leader's Signature

Date

County Coordinator's Signature

Date

∞ MAKING THE BEST BETTER!! ∞