

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



***LEVEL IV – LEADER***

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

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

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

1. Complete one year as a Junior or Teen leader in this project.

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

2. Assist younger members in designing and constructing needed equipment.

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

3. Prepare teaching materials for use at project meetings.

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

4. Develop and put on a demonstration or judging event or train a junior team for such an event.

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

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

5. Speak on a project-based subject before an organization other than your 4-H group.

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

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

6. Assist at a horticultural event in your community.

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

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

7. Assist younger members in learning a specific topic in the project.

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

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

8. Develop your own special activity. Chart your progress, plan the activities, analyze successes and problems, and report on findings.

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

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

9. Report on the results of a demonstration comparing measurable differences in management procedure. (Experiment)

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

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

10. Prepare a paper of 300 words or more on one of the following topics.

- \_\_\_\_\_ Management of plants
- \_\_\_\_\_ Fertilization
- \_\_\_\_\_ Diseases, prevention and control, and general sanitation
- \_\_\_\_\_ Markets and methods of marketing
- \_\_\_\_\_ Reproduction, breeding and genetics
- \_\_\_\_\_ By-product preparation for market, how marketed, and used
- \_\_\_\_\_ Keeping and using records as a basis for improving your plant project
- \_\_\_\_\_ Other \_\_\_\_\_

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

11. Prepare a speech or illustrated talk to orally summarize your findings and present at club or project meeting or other educational event.

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

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

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

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

Club \_\_\_\_\_

Project \_\_\_\_\_

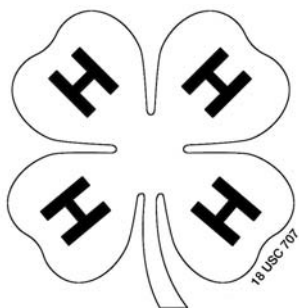
Project Leader's \_\_\_\_\_  
Printed Name Signature

Date \_\_\_\_\_

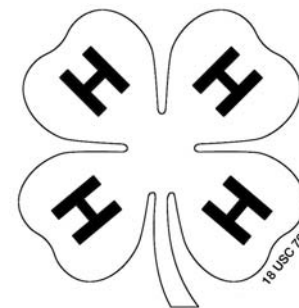
County Coordinator's \_\_\_\_\_  
Printed Name Signature

Date \_\_\_\_\_





# Certificate of Achievement



This certifies that

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

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*Project Leader's Signature*

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*Date*

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*County Coordinator's Signature*

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*Date*

*∞ MAKING THE BEST BETTER!! ∞*