

# GARDENING

Name: \_\_\_\_\_ Club: \_\_\_\_\_  
Guidelines for Project Proficiency Award

Date	Leaders Initials
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## ADVANCED

1. List four types of plant diseases and tell how to control them.
2. Name parts of the flower and tell their functions.
3. Explain sexual and asexual reproduction of a plant.
4. Cross breed a plant (example: crossing a pumpkin with a spaghetti squash).
5. Try propagation by rhizomes or stolons and then discuss it.
6. Explain in your own words how fertilizer helps to grow plants.  
Also list any precautions that you think should be taken when using fertilizer.
7. Write 300 words about plant growth factors or destruction of plants by animals.
8. Have your soil tested and see what needs to be improved.
9. Keep a list of cash expenses, time and labor charges. At the end of the growing season compare your crop yield to your expenses.
10. Give a demonstration at County Field Day.

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Leaders Signature: \_\_\_\_\_ Date: \_\_\_\_\_