



Unit I

1. Collect, mount, or preserve at least 25 insects. Include at least five pest insects.
2. Identify all insects in your collection to their common names or to the common name of their family.
3. Prepare life history charts on at least two of the insects collected. Use the available life history records.
4. Complete the necessary insect control practices on at least one insect encountered in a 4-H project (production). If this is your first 4-H project, select an area, through the guidance and direction of your club leader, that should prove both interesting and beneficial (such areas are: household insects, lawn insects, insects affecting man, pets, etc.) Keep an accurate account of these activities on the "Record of Insect Control".
5. Beginning with either the egg or immature insect, rear it through to the adult stage. Keep an accurate record on the page entitled "Record of Insect Rearing".
6. Make or purchase the following equipment:
 - a. One killing bottle
 - b. One pinning block
 - c. Two cigar boxes prepared for pinned specimens or one insect case
 - d. One package of No. 2 or No. 3 insect pins, (can be obtained from Youth Agent in your county)
 - e. A rearing cage
 - f. One insect collecting net

CHECK LIST OF REQUIREMENTS

Unit I

		Actual Completed Counts
<u>MINIMUM REQUIREMENTS</u>		
Insect collection of 25 insects identified to common name		_____
2 Insect Life History Records		_____
1 Record of Insect Control		_____
1 Record of Insect Rearing		_____
Equipment:		
	<u>Made</u>	<u>Purchased</u>

Include All Records in 4-H Record Book.

Comments:

To be used in: Unit 1, Unit 2, Unit 3.

4-H Entomology Project Record

Record of Insect Control

NAME _____ COUNTY _____ 4-H CLUB _____

COMMON NAME OF INSECT
TO BE CONTROLLED: _____ ORDER: _____

FAMILY: _____

GIVE THE ACREAGE, SIZE OF AREA, NUMBER OF HEAD OF LIVESTOCK, ETC., WHICH WAS TREATED: _____

WHAT INSECTICIDES WERE USED? (Note: The Missouri Insect Control Recommendations, University of Missouri Extension Division, gives the only insect controls recommended by the University of Missouri). _____

GIVE DOSAGE OF EACH INSECTICIDE USED (AMOUNT PER GALLON, ETC.), _____

WHAT TYPE OF APPLICATION EQUIPMENT WAS USED? _____

WHAT PRECAUTIONS WERE NECESSARY WITH THE USE OF EACH OF THE INSECTICIDES? _____

HOW MANY APPLICATIONS WERE REQUIRED FOR THE CONTROL OF EACH INSECT? _____

LIST THE NUMBER OF APPLICATIONS, DATE OF APPLICATION, NUMBER OF INSECTS BEFORE THE INSECTICIDE APPLICATION AND THE NUMBER FOUND A DAY OR TWO AFTER EACH APPLICATION, AND ANY OTHER OBSERVATIONS.

TELL THE DIFFERENCES BETWEEN THE AREA OR CROP ON WHICH CONTROLS WERE APPLIED AND ANOTHER AREA OR CROP WHERE CONTROLS WERE NOT USED: _____

A series of approximately 20 horizontal lines for writing.

4-H Entomology Record

Name _____ Address _____ Age _____

Name of 4-H Club _____ County _____ Year _____

Name of Club Leader _____

Name of Project Leader _____

Name of Jr. Project Chairman _____

My Participation: (Limit following records to this project)

Club meetings attended during year _____. Project meetings held _____.

Project meetings attended _____.

Number of demonstrations given at: project meetings _____, community club meetings _____, county meetings _____, district meetings _____, and state meetings _____.

Number of times participated in judging work in: project meetings _____, county _____, district _____, state _____, interstate _____.

Number of exhibits made in: community _____, county _____, district _____, state _____, interstate _____.

Participated In:

County Achievement Day _____, District Achievement Day _____, State Achievement Day _____, national contests _____, county fair or show _____, district fair _____, State Fair _____, Interstate Show _____, county camp _____, district camp _____, State Club Week _____, National Club Congress or National 4-H Conference _____.

Number of news stories published _____. Number of radio and T.V. programs participated in _____. Number of public speeches made _____.

Served on _____ standing committee in club.



Issued in furtherance of cooperative extension work, acts of May 8 and June 30, 1914, in cooperation with the United States Department of Agriculture. C. B. Ratchford, Director, Cooperative Extension Service, University of Missouri, Columbia, Mo.