

REPORT OF WORK

11/1/64

11/1/65

PRIMARY FIELD

Dairy

COMPONENT

Replacement Heifers

CROSS REFERENCE

4-H

SUBJECT OF REPORT

4-H-VO-AG DAIRY HEIFER PROJECT

Name(s)

Wm. B. Hight and Jimmie R. Billington

County

MADERA

X

☐ CONTINUING

☐ COMPLETED

(CHECK ONE)

Period covered by Report

December 1, 1976

DATE OF WRITING

(If written plan has not previously been submitted, a Plan of Work must accompany this report.)

Geo. B. Alcorn, Vernon Patterson,  
Jimmie R. Billington, Clem L.

Copies to:

Pelissier, John A. Emo,  
Bernard C. Downing

Use the following headings:

PROCEDURE USED - RESULTS: a. Technical - b. Educational -  
CONCLUSIONS

PROCEDURE USED

Through a committee composed of local dairymen, Vo-Ag instructors and this office, the 4-H-FFA project heifer enterprise was launched this year.

Procurement and Placement of Heifers

The members and leaders were all contacted with a letter explaining this project and a procurement request was sent out at the same time. Those members indicating an interest in owning a heifer were further contacted and sent a set of rules and the agreement form pertaining to the project.

After determining the number of heifers needed, Hight contacted dairymen in the County that he thought would have heifers meeting the qualifications set by the committee.

Bill Jantzen, Madera Vo-Ag instructor and Hight then proceeded to make the actual heifer selection and delivery of the heifers to the Vo-Ag and 4-H members.

Show and Sale

When the Fair premium book was taking form, the Vo-Ag and 4-H advisor worked with the Fair management to establish a special class for these heifers. They were

(Attach additional plain sheets as needed)

to be judged on the Danish System and Vo-Ag and 4-H showed together.

The Madera Exchange Club was contacted and they agreed to sponsor and handle the Special Project Heifer Sale.

The United California Bank of Madera agreed to handle the financial arrangements at the sale.

The Fair management agreed to cooperate in holding a special evening sale and then tie in an awards program following the opening night of the Fair with their special dairy cake bake contest.

Results

Eleven heifers were purchased and placed with 4-H and Vo-Ag members. Of these eleven, six of them made the show and sale. The other five were dropped along the way for the following reasons:

1. Two calves too far ahead of the show.
2. Two heifers were open.
3. One aborted early.

The show and the sale were both successful. Everyone lived up to their responsibilities in fine shape. The heifers brought considerably over their true market value.

The interest and enthusiasm sparked by the event was evident by the crowd that attended the sale.

Conclusions

Even though the first sale was small in numbers, the machinery is all in gear for next year's program.

(Continued)

The enthusiasm generated by this year's sale has given the necessary shot in the arm to develop this project into quite an event.

It is the opinion of the Vo-Ag and 4-H advisors that there will be considerably more interest in this project (from the membership) this year.

There are some definite problems to be ironed out concerning procedure and a few rule changes need to be made, but this project looks pretty sound.

Primary Field Dairy  
Component Replacement Heifers  
Cross Reference 4-H

PLAN OF WORK

Starting Date November 1, 1964

SUBJECT OF PLAN 4-H-VO-AG DAIRY HEIFER PROJECT

Check one ☒ New Plan  
☐ Continued from 19     

Date of writing November 1, 1965

Copies sent to

NAME(S) Wm. B. Hight & Jimmie R. Billington Geo. B. Alcorn, Vernon  
Patterson, John A. Emo,  
COUNTY MADERA Bernard C. Downing, Clem L. Pelissier

Use reverse side for:

1. Field or laboratory methods
2. Calendar of field or lab. work
3. Signatures of cooperators where needed.

WHAT IS THE SITUATION?

(Major problems; needs of people in this field of work. History and status of problem importance to county.)

Due to a decreasing number of dairies in the County there are fewer 4-H and Vo-Ag members living on dairy farms and hence, less dairy project activity.

This proposed project would afford a boy or girl a practical outlet in a dairy project.

It will provide members the opportunity to purchase good quality heifers and also an outlet to market these heifers at the termination of the project.

LONG-TIME OBJECTIVES AND TEACHING OBJECTIVES

1. Establish a sound dairy project for 4-H and Vo-Ag members that is compatible with today's dairying trends.
2. Teach sound feeding and management practices in raising dairy replacements.

ANNUAL GOALS

1. Complete organizational details and get all of the mechanics of the project functioning.

TEACHING PLAN (METHODS)

Learning experiences to be provided-- activities-events (include timing)

See attached project.

SUPPLEMENTAL INFORMATION

Names of Cooperators (other than University)

---



---

PROCEDURE - Field or Laboratory Methods (attach plot  
diagram, if applicable)

| CALENDAR    |             |            |
|-------------|-------------|------------|
| <u>When</u> | <u>What</u> | <u>Who</u> |
|             |             |            |
|             |             |            |
|             |             |            |
|             |             |            |
|             |             |            |
|             |             |            |
|             |             |            |
|             |             |            |
|             |             |            |
|             |             |            |

Signatures

|         |       |                 |       |       |       |
|---------|-------|-----------------|-------|-------|-------|
| _____   | _____ | _____           | _____ | _____ | _____ |
| Advisor | Date  | County Director | Date  | *     | Date  |
| _____   | _____ | _____           | _____ | _____ | _____ |
| *       | Date  | *               | Date  | *     | Date  |

\* Indicate by title.

## Suggested Outline

### DAIRY HEIFER REPLACEMENT PROJECT

Purpose: A Dairy Heifer Replacement Project enables boys and girls to raise and sell a quality heifer and, in doing so, learn some of the basic fundamentals of dairy heifer management.

This project will provide a source of top-producing cows for the dairymen of the area.

The Plan: This is a special project in which the member participates in agreement with and according to a written set of policies and procedures outlined by the Dairy Heifer Replacement Project Committee.

The Committee: The 4-H Dairy Heifer Replacement Project Committee is composed of a minimum number. Those on the Committee will consist of dairymen, 4-H leaders, FFA instructors, and farm advisors.

The Committee will have final say on eligibility of members to participate and sell. The Committee shall be responsible for the making of all regulations and their enforcement.

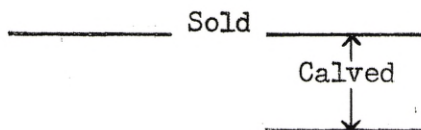
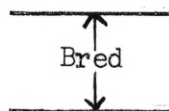
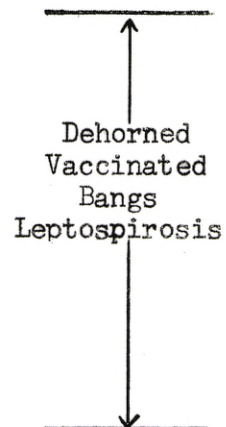
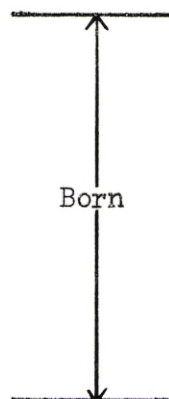
Eligibility: Any bona fide 4-H Club or FFA member who agrees to the rules and regulations of this project may participate.

(Time Table for One Heifer Calf Shown on Next Page)

MADERA COUNTY VOCATIONAL  
AGRICULTURAL DEPARTMENTS  
and  
AGRICULTURAL EXTENSION SERVICE  
UNIVERSITY OF CALIFORNIA  
MADERA COUNTY  
COOPERATING

TIME TABLE FOR ONE HEIFER CALF

|     |           |          |      |
|-----|-----------|----------|------|
| 1.  | December  |          |      |
| 2.  | January   | 2 years  |      |
| 3.  | February  | --under  |      |
| 4.  | March     | 3 class  |      |
| 5.  | April     |          |      |
| 6.  | May       |          |      |
| 7.  | June      |          | --64 |
| 8.  | July      |          |      |
| 9.  | August    | Senior   |      |
| 10. | September | Yearling |      |
| 11. | October   |          |      |
| 12. | November  |          |      |
| 13. | December  |          |      |
| 14. | January   |          |      |
| 15. | February  |          |      |
| 16. | March     |          |      |
| 17. | April     |          |      |
| 18. | May       |          |      |
| 19. | June      |          | --65 |
| 20. | July      |          |      |
| 21. | August    |          |      |
| 22. | September |          |      |
| 23. | October   |          |      |
| 24. | November  |          |      |
| 25. | December  |          |      |
| 26. | January   |          |      |
| 27. | February  |          |      |
| 28. | March     |          |      |
| 29. | April     |          |      |
| 30. | May       |          |      |
| 31. | June      |          | --66 |
| 32. | July      |          |      |
| 33. | August    |          |      |
| 34. | September |          |      |
| 35. | October   |          |      |
| 36. | November  |          |      |



RULES APPLYING TO DAIRY HEIFER REPLACEMENT PROJECT

1. Boy or girl is a bona fide 4-H Club member or FFA member throughout the project and eligible to show at Madera District Fair.
2. The member shall purchase his or her heifer with the approval of the 4-H Dairy leader and farm advisor, or the Future Farmer teacher. The animal must be positively identified by tattoo or other permanent identification marking.
3. The dam of the heifer must have at least one official Standard DHIA 305-day record of 500 pounds or more butterfat.
4. The sire of the heifer must have been a registered bull of the same breed as the dam.
5. The member must have adequate housing and feed before entering into this project. The project may be terminated by the committee if improper feed or management is indicated. Any losses occurring because of this rule will be incurred by 4-H or FFA member.
6. The heifer must be bred to a registered bull of same breed, either by natural service or artificial insemination, to freshen soon after the sale which will be held around October 1. Unbred heifers at the time of sale will be the responsibility of the exhibitor.
7. A minimum of nine months ownership will be required. Substitutions may be made only by the approval of Dairy Heifer Replacement committee and for such causes as death, freemartin, and/or abortion.
8. Members participating must keep adequate 4-H or FFA records on care and management available for committee inspection.
9. It will be the responsibility of 4-H or FFA members to see that the heifer is dehorned, tattooed, Bangs and Leptospirosis vaccinated. A veterinarian should be consulted immediately in case of sickness.
10. The member will train the heifer to lead and fit her properly for the sale. Participants are encouraged to exhibit these heifers at local fairs and field days.
11. The member must sell the heifer at the Replacement Heifer sale unless the heifer is sifted by the committee. A sale expense of not more than 3 per cent will be paid by seller (Division of Fairs and Exposition Ruling).
12. The committee shall inspect all heifers prior to sale and those not measuring up to expected condition and breed type will not be allowed to sell through the sale.
13. If the heifer calves at or during the fair, the calf is to be sold by her side. Heifers calving prior to the fair will be disqualified from the sale. The member incurs all monetary losses from early calving.
14. Prior to the sale, the heifers will be judged under the Danish system. A champion and reserve champion will be selected. The sale order will be made by the judge in the show ring.
15. The committee shall have the authority to cancel any member's agreement to participate in the Dairy Heifer Replacement project at any time the committee feels that the member is not meeting the above requirements.

THIS AGREEMENT MUST BE IN EFFECT AT LEAST NINE MONTHS BEFORE THE SALE

This agreement made with \_\_\_\_\_ of the \_\_\_\_\_  
(4-H or FFA Member's Name) (Name of Club or  
\_\_\_\_\_ Club or Chapter of \_\_\_\_\_ County.  
Chapter)

The member will participate with a heifer of the \_\_\_\_\_ breed.  
(Breed)

Description of the heifer and positive identification are shown at the bottom of  
this page.

I understand and agree to the requirements written of this Dairy Heifer  
Replacement project.

Ear Tag \_\_\_\_\_

Date \_\_\_\_\_

\_\_\_\_\_  
Signature of 4-H Club Member

\_\_\_\_\_  
Signature of Parent or Guardian

\_\_\_\_\_  
Local 4-H Club Leader

\_\_\_\_\_  
Committee Dairyman

\_\_\_\_\_  
Committee 4-H Leader

\_\_\_\_\_  
Farm Advisor

Indicate Positive Identification Here

Fill out completely and mail to farm advisor or FFA teacher before January 15.