



Iowa 4-H Youth Development

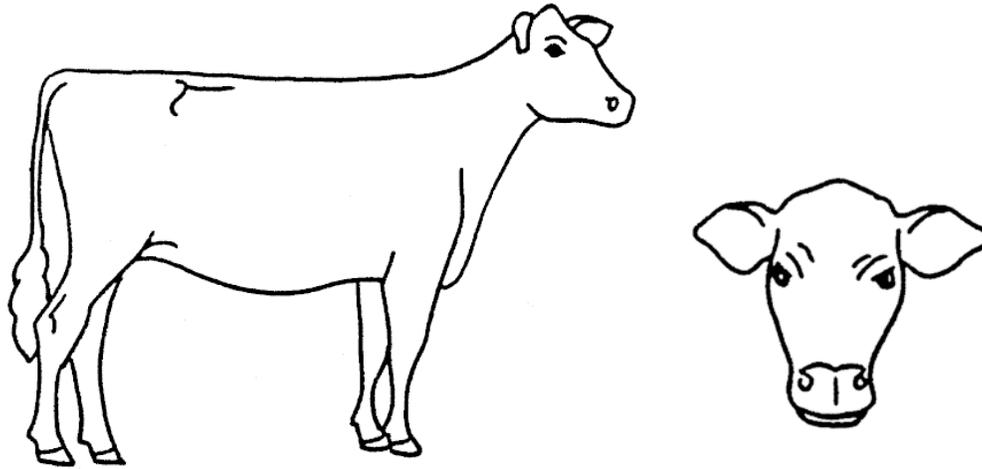
# Dairy Animal Lifetime Record

4-H'er's Name \_\_\_\_\_ Club \_\_\_\_\_

Use one of these summary forms for each 4-H dairy project animal. It contains permanent identification, production, and financial records. Simply add information to this form as long as you have the animal listed below.

## I. Identification and Animal Genetics

Draw an outline of your animal's color markings for broken color breeds.



Animal's Name \_\_\_\_\_ Breed \_\_\_\_\_

Date Born \_\_\_\_\_ Date Project Started \_\_\_\_\_ Tattoo or Eartag # \_\_\_\_\_

If registered, registration # \_\_\_\_\_ PEBV\* - milk \_\_\_\_\_

Sire's Name \_\_\_\_\_ Sire's Code \_\_\_\_\_ Sire's PTA \$\*\* \_\_\_\_\_

Dam's Name \_\_\_\_\_ Dam's Registration or Eartag # \_\_\_\_\_ Dam's EATA\*\*\* \_\_\_\_\_

\*PEBV – Pedigree Estimated Breeding Value; \*\*PTA\$ – Predicted Transmitting Ability, protein dollars; \*\*\*EATA – Estimated Average Transmitting Ability (If you do not have EATA, you can use the dam's index.)

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**II. Growth Record** (Record animal growth information in the blanks provided.)

Age of animal (months)	2	4	6	8	10	12	14	16	18	20	22	24
Height (inches)												
Weight (pounds)												
Chest (inches)												

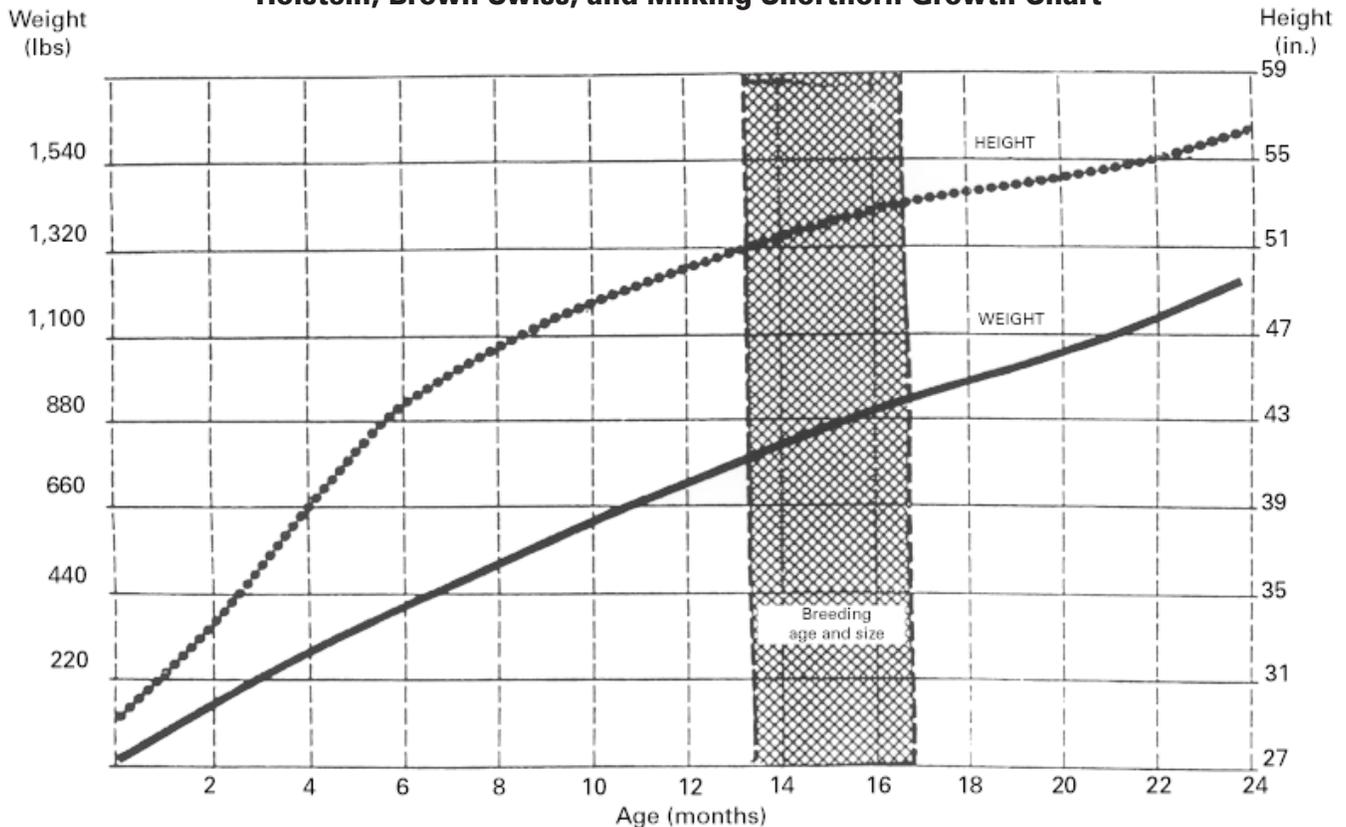
One way to use the above information is to calculate the average daily gain. To calculate average daily gain

- Compute total gain by taking the most current weight minus the first weight you recorded.
- Compute the number of days on the growth period by counting the number of days between the first and last weight you recorded.
- ADG = Total gain divided by the number of days in the growth period.

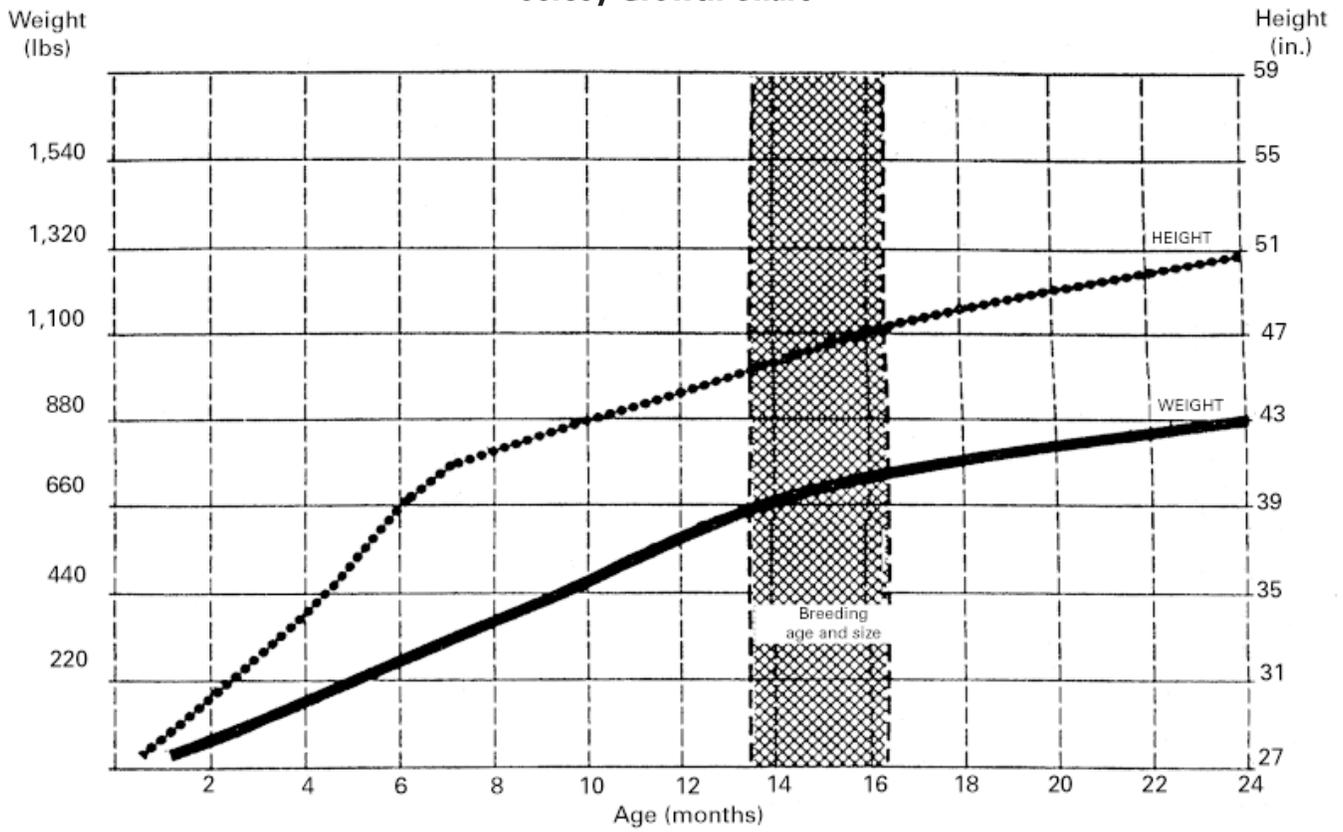
**Growth Chart**

Three growth charts are given. Select the one for the breed of your animal. Plot the height and weight of your heifer every two months on the chart. Use a solid line to connect the points you plot for weight. Connect the points you plot for height using a dotted line. Compare the growth curve of your animal with the breed average. The lines already on the chart represent the average growth curves for each breed.

**Holstein, Brown Swiss, and Milking Shorthorn Growth Chart**



### Jersey Growth Chart



### Ayrshire and Guernsey Growth Chart

