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1955

Form 2-41-2

BEEF BREEDING RECORD BOOK

Rating Chart and Final Report Form

This is a continuing project for 4-H club members who are ready to start their beef cattle herds in a practical way. It is suggested that the first year begin with a heifer calf at weaning time, or shortly afterward. The project may be started with a bred heifer or cow. Either grade or registered cattle may be used.

The objectives are: (1) to give the club member practical experience with beef cattle, and (2) to help develop a good beef herd on a farm where the pasture, hay, and grain crops are well suited to beef cattle production.

Emphasis is placed on selection, feeding, management, and the intelligent use of feed resources of the home farm. A county committee visits the member's farm two times each year to complete the rating chart on page two. Feeding and management count the most with this committee. The heifers may be shown but no credit is to be given for exhibiting. Excessive feeding and fitting is discouraged.

Name _____

Address _____

Age _____ January 1, 19____. Years in 4-H Clubs _____

Name of Club _____

Names of Leaders _____

Date Started _____ Completed _____

SELECTION OF PROJECT ANIMALS* - 50		Perfect Score	Committee Evaluation	
Desirable Beef Conformation		15		
Weight for Age		15		
Price Paid		10		
Quality of Bull Service Available		5		
Production Tested Sire or Dam		5		
Total		50		
*Scored only at the beginning of the project.				
DEVELOPMENT OF PROJECT ANIMALS - 15			Spring	Fall
Normal Growth		10		
Disposition		5		
FEEDING PROGRAM - 35				
Intelligent Use of Home Feed Resources		15		
Balanced Rations		15		
Water & Salt		5		
MANAGEMENT PROGRAM - 30				
Practical Management Methods		10		
Shelter, Shade & Equipment		5		
Disease & Parasite Control		10		
Breeding		5		
RECORDS & CLUB PARTICIPATION - 20				
Satisfactory Response		10		
Records		5		
4-H Club Participation		5		
		Total	100	
Total Score for Year		% of Possible		

Explanation of Terms

Desirable Beef Conformation: The desirable beef animal is deep and wide, full over the crops, back, loin, rump, and quarter. Grade animals should show evidence of good beef breeding. Registered animals should show breed character and be of superior beef conformation.

Weight for Age: Weights will be compared with average weights of comparable aged animals handled under practical conditions.

Price Paid: To be in line with quality of animal purchased. If money is wisely spent, full credit will be given regardless of the number of dollars spent.

Quality of Bull Service Available: When selecting the heifer or cow to start this project, consideration must be given to how she can be bred to a desirable bull of the same breed. Suggestions in the beef breeding club manual may be followed.

Production Tested Sire or Dam: Credit will be given if sire or dam of project animals are from production tested herds.

Normal Growth: The animal should be well developed, in thrifty (not fat) condition. Consideration to be given to the planned time of calving; heifers calving as two-year-olds must be developed faster than those calving as three-year-olds.

Disposition: Animal easily handled; not overly excited when strangers are around. Should show that the member has worked with her. Credit given for improvement.

Intelligent Use of Home Feed Resources: The basic objective for keeping a cow herd is to market profitably farm grown roughage and pasture which should furnish most of the feed fed. In their use, consideration should be given to the nutrient needs of the animal, the nutrients supplied by the feed, the amount of feed available, and the time of year that a particular feed may or should be used.

Balanced Ration: The feeds fed should supply ample protein, minerals, and vitamin A for the job to be done, i.e. growth, maintenance or lactation. Follow recommendations of the beef breeding manual.

Water & Salt: A well located, plentiful supply of clean water, free of ice, is a necessity for fast growth and efficient use of feed. Salt should be supplied, free choice, at all times.

Practical Management Methods: Project animals handled in practical manner with respect to other livestock. May have separate feeding stall but run with other cattle most of time. Regular attention given to feed, water and cleanliness. Rations changed at proper times of year. Good pasture management practices emphasized such as weed control, fertilization, rotation grazing and use of temporary pasture.

Shelter, Shade and Equipment: Consistent with good production requirements. Man made shelters dry, clean and bedded in winter. Lots clean and well drained. Plenty of shade in summer time. Feed bunks, hay racks, fences and gates in good repair.

Disease and Parasite Control: Disease control program, recommended for the area, to be followed. Diseases most prevalent include blackleg and brucellosis. Effective control programs for flies and lice to include elimination of breeding places, spraying and/or use of back rubbers. Other diseases and parasite trouble receive prompt attention.

Breeding: Full credit given except when the heifer or cow is bred too soon, she is bred to undesirable bull, when she fails to conceive after reasonable number of services, or is not bred to calve at a practical age or at annual intervals.

Satisfactory Response: Credit will be given the member for having his animals and records ready to show the committee on each visit, for answering questions readily himself instead of depending on his parents, and for knowing what has been done to date and what is planned for the rest of the project.

Records: All project records, including a story of the project, brought up-to-date before each visitation of the evaluation committee.

4-H Participation: Participation in 4-H club meetings, tours, demonstration and judging days, and camps will be considered. Orphan members may gain credit by visiting other beef club projects or the herds of nearby cattle breeders.

PROJECT ESTIMATE

(To be filled out when the project begins)

Length of Project _____ months, _____ days

PROBABLE COST OF PROJECT

No. Animals in Project _____ Initial Value \$ _____

Grain, Protein, Roughage, Pasture, Minerals:

Kind	Amount	Cost
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____

Total Estimated Feed Cost \$ _____

Use of Equipment \$ _____

Interest on Investment \$ _____

Veterinary Fees \$ _____

Other Expense \$ _____

Total Estimated Expenses \$ _____

Probable Total Cost of Project \$ _____ \$ _____

POSSIBLE INCOME

Value of Animals and Products on Hand at
Close of Project \$ _____

Income from Sales of Animals and Products . . . \$ _____

Other Receipts \$ _____

Probable Total Income \$ _____ \$ _____

Progress and Development Record

This record to be filled out at the beginning of the project and before each visit of the committee. Additional entries may be made at any time.

[illegible]

Date	Kind of Feed or Other Expense	Amount	Price per Unit	Cost of Feed	Other Expenses
			\$	\$	\$
			Total	\$	\$

Date	Kind of Feed or Other Expense	Amount	Price per Unit	Cost of Feed	Other Expenses
			\$	\$	\$
			Total	\$	\$

[illegible]

Cost of feed and other expense	\$	_____	\$	_____
Credit for unused feeds and supplies . . .	\$	_____	\$	_____
Net Costs	\$	_____	\$	_____

REGISTRATION OF PUREBREDS

[illegible]

BREEDING RECORD

[illegible]

CALVING RECORD

[illegible]

STORY

MY 4-H ACTIVITIES IN THIS PROJECT

Offices I held _____

My club held _____ meetings. I attended _____ meetings.

The club met at my home _____ times.

(Check activities in which you took part and tell more about them in your story)

I led in group singing _____, games _____, group discussions _____, served as leader _____, assistant leader _____, secured _____ new members, took part in: health improvement _____, health examination _____, 4-H picnic _____, 4-H tour _____, prize trips _____, 4-H camp _____, conservation camp _____, judging day _____, demonstration day _____, song contest _____, safety _____, other 4-H events _____

MY DEMONSTRATION RECORD

Individual		Team	
Where Held	Placing	Where Held	Placing

MY JUDGING RECORD

Individual		Team	
Where Held	Placing	Where Held	Placing

SHOWMANSHIP AND OTHER EVENTS

Individual		Team	
Where Held	Placing	Where Held-Event	Placing

PROJECT SUMMARY

Date Started _____ Date Closed _____ No. Animals Started _____
No. Animals Bought _____, Raised _____, Lost _____, At Close _____
Date First Committee Visit _____, Second Visit _____.
Total Score for Year _____ Per Cent of Possible _____.

Financial Record

Inventory and Receipts

Value of Animals on Hand at Close of Project	\$ _____	
Received from Animals Sold	\$ _____	
Value of Animals or Products Used at Home	\$ _____	
Total		\$ _____

Expenses

Cost or Value of Animals at Start of Project	\$ _____	
Net Cost of Feed	\$ _____	
Net Amount of Other Expenses	\$ _____	
Total		\$ _____
Profit or Loss		\$ _____

Submitted by _____ Club Member

We have read and approved this report:

_____ Parent	_____ Leader	_____ Extension Agent
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This table is based on a 283 day period. The variation may be from 270 to over 290 days. Heifers calve early more often than old cows.