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1955

Beef Breeding Record Book: Extension Circular 2-41-2

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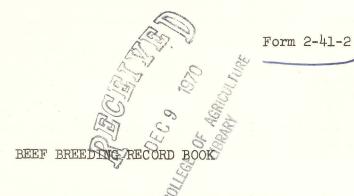
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1955



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	And a second		
Address			Million (Million or Section (Million or Section of Sect
Age	January 1, 19	Years in 4-H Clubs	
Name of	Club		
Names of	Leaders		denne de marie en esta en esta en esta en el marie
Date Sta	rted	Completed	

EXTENSION SERVICE
UNIVERSITY OF NEBRASKA COLLEGE OF AGRICULTURE
AND U.S. DEPARTMENT OF AGRICULTURE
COOPERATING
W.Y. LAMBERT, DIRECTOR

RATING CHART FOR BEEF BREEDING PROJECT

SELECTION OF PROJECT ANIMALS* - 50	- Control of the Cont	Perfect Score	Committe Evaluat	
Desirable Beef Conformation Weight for Age Price Paid Quality of Bull Service Available Production Tested Sire or Dam	Total	15 15 10 5 5		
*Scored only at the beginning of the project ANIMALS - 15	CU.	endegen familien endegen de geschonschaft (f. f. f	Spring	Fall
Normal Growth Disposition		10 5		
FEEDING PROGRAM - 35				
Intelligent Use of Home Feed Resources Balanced Rations Water & Salt		15 15 5		
MANAGEMENT PROGRAM - 30				
Practical Management Methods Shelter, Shade & Equipment Disease & Parasite Control Breeding		10 5 10 5		
RECORDS & CLUB PARTICIPATION - 20				
Satisfactory Response Records 4-H Club Participation		10 5 5		
	Total	100	tig Managhory op til til stil did stallen proposition fra det stalle stalle fra det stalle stalle stalle stalle	and the second s
Total Score for Year	% of Po	ossible	a compare to the state of the s	indoningame
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			alterne til tre stelle med gjenne gjenne gjenne fra fra til stelle til stelle til stelle til stelle til stelle Litter stelle til stel	
			appropriate to the contract of	

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 recommenda-

tions 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, Past	ure, Minerals:	
Kind Amoun	t Cost	
	S	
	\$	
	\$	
	\$	
Total Estimated Feed Cost	\$	Accessional mention and constitutional special mentions.
Use of Equipment	\$	
Interest on Investment		
Veterinary Fees		
Other Expense	\$	
Total Estimated Expenses		
Probable Total Cost of Project	ф	\$
POSSIBLE INCOME		
Value of Animals and Products Close of Project • • • • •		
Income from Sales of Animals a	nd 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.

Animal Name	Dates of	Age	Weight	Total Cost	Received	
and Number	Entries	dent in management of the confidence of the conf		to Date	from Sales	Remarks
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EXPENSE

Enter days of pasture, tons of roughage and hay, bushels or pounds of grain, breeding fees, veterinarian bills, and any other expenses. Weigh or estimate amounts, use the purchase price for what you buy and estimate the value of home produced feed.

ate	Kind of Feed or Other Expense	Amount	Price per Unit	Cost of Feed	Other Expenses
-			\$	\$	\$
		-	4	P	Ψ
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	to whose major representatives the same and agreemed a contraction of the style account contraction and contraction of				
			Total	\$	\$

ate	Kind of Feed or Other Expense	Amount	Price per Unit	Cost of Feed	Other Expenses
rought f	orward from Page 6			\$	\$
Jan Can			-		
				than industrially on the formal processing application on the second distribution on the second distribution of the second distri	
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	Cost of feed and	other expense	0 0 0		
	Credit for unused Net Costs .	feeds and sup	plies	\$	\$

REGISTRATION OF PUREBREDS

	Date of	Registration	
Name of Animal	Birth	Number	Names and Numbers of Sires and Dams
			Sire
			Dam

BREEDING RECORD

		Dates Br		Service Bull, Dat	
Name of Animal	First	Second	Third	Name and Number	to Calve
			-		
		Constitution of the Consti			
					-
		-			
		-	l .		

CALVING RECORD

	Names and Numbers	Birth	Weigh	its at	
Name and Number	of Sires and Dams	Date	Birth	Weaning	Value at Weaning
		-	-		
		-			
The state of the s		-		+	
	The state of the s				

STORY

MY 4-H ACTIVITIES IN THIS PROJECT

Offices I held	the second se	the production of the contraction of the contractio	
My club held	meeti	ngs. I attended	meetings
The club met at my home	times	•	
(Check activities in which	ch you took part	and tell more about then	n in your story)
I led in group singing	, games	group discussions,	served as
leader, assistant lead	ler, secur	ed new members, too	ok part in:
health improvement, he			
prize trips, 4-H camp			
demonstration day, son			
	MY DEMONSTRA	TION RECORD	
Individual		Team	
Where Held	Placing	Where Held	Placing
		A restriction of the second se	
	MY JUDGIN	G RECORD	
Individual		Team	
Where Held	Placing	Where Held	Placing
	SHOWMANSHIP AN	D OTHER EVENTS	
Individual		Team	
Where Held	Placing	Where Held-Event	Placing
	I .		

PROJECT SUMMARY

	-	Extension Agent	
We have read and approved this report:			
Submitted by		Club M	<u>Member</u>
Profi	t or Loss		
Total			
Net Amount of Other Expenses	\$		
Net Cost of Feed	\$	-	
Cost or Value of Animals at Start of Project	\$		
Expenses			
Total		\$	
Value of Animals or Products Used at Home	\$	orbit	
Received from Animals Sold	\$	dise	
Value of Animals on Hand at Close of Project	\$		
Inventory and Rece	eipts		
Financial Recor	rd		
Total Score for Year Per Cent of Pos	ssible	€ oode	
Date First Committee Visit, Second V			
No. Animals Bought, Raised, Lost		At Close	
Date Started Date Closed	No.	. Animals Started _	

Determining Weights of Beef Cattle

The only certain way is to put the animals on the scales. Measurements of beef cattle are not accurate indications of weights. A few people can guess weights, and the average of estimates of 5 to 10 good stockmen will probably be about right.

If a scale is not available on your farm, arrange with your leader and other members for a "weigh day" where there is a good scale. Put an average size truck on the scale and weigh it. Have each member bring his cattle to this place for the weigh day. Back the truck with cattle in it up to the weighed truck on the scale. Unload the animal directly to the weighed truck. Weigh the animal and return it to the other truck.

To get practice in estimating weights, have each member and others there write down his estimate on each animal before she is weighed.

Standard Weights of Common Feeds

Feed	Pounds
	per bushel
Corn (Shelled)	56
Corn (Ear)	70
Oats	32
Barley	48
Rye	56
Sorghum	56
Wheat	60

Weight per Quart of Feed

Feed	Pounds					
rced	per quart					
Corn, shelled	1.7					
Corn, ground	1.5					
Oats, whole	1.0					
Oats, ground	0.7					
Barley, ground	1.1					
Rye, ground	1.6					
Sorghum, ground	1.7					
Wheat, ground	1.7					
Wheat bran	0.5					
Wheat shorts	0.8					
Tankage	1.6					
Soybean meal	1.4					
Linseed meal	1.4					
Cottonseed meal	1.5					

Gestation Table for Cows

Charles and the control of the contr							Contract of the Party of the Pa				
Date	Date	Date	Date.	Date	Date	Date	Date	Date	Date	Date	Date
of Due	of Due	of Due	of Due	of Due	of Due	of Due	of Due	of Due	of Due	of Due	of Due
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Jan. Oct.	Feb. Nov.	Mar. Dec.	Apr. Jan.	May Feb.	June Mar.	July Apr.	Aug. May	Sept. June	Oct. July	Nov. Aug.	Dec. Sept.
1 10	1 10	1 8	1 8	1 7	1 10	1 9	1 10	1 10	1 10	1 10	1 9
2 11	2 11	2 9	2 9	2 8	211	2	2 11	2 11	2 11	211	2 10
3 12	3 12	3 10	3 10	3 9	312	3 11	312	312	3 12	312	3 11
4 13	4 13	4 11	411	4 10	4 13	4 12	4 13	4 13	4 13	413	412
5 14	5 14	5 12	5 12	5 11	514	5 13	5 14	514	5, 14	514	513
6 15	6 15	6 13	6 13	6 12	6 15	6 14	6 15	615	615	615	614
7 16	7 16	7 14	7 14	7 13	7 16	7 15	7 16	7 16	7 16	716	7 15
8 17	8 17	8 15	8 15	8 14	8 17	8 16	8 17	8 17	8 17	8 17	8 16
9 18	9 18	9 16	9 16	9 15	9 18	9 17	9 18	9 18	918	9 18	9 17
10 19	10 19	10 17	10 17,	10 16	10 19	10 18	10 19	10 19	10 19	10 19	10 18
11 20	11 20	11 18	11 18	11 17	11 20	11 19	11 20	11 20	11 20	11 20	11 19
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15 24	15 24	15 22	15 22	15 21	15 24	15 23	15 24	15 24	15 24	15 24	15 23
16 25	16 25	16 23	16 23	16 22	16 25	16 24	16 25	16 25	16 25	16 25	16 24
17 26	17 26	17 24	17 24	17 23	17 26	17 25	17 26	17 26	17 26	17 26	17 25
18 27	18 27	18 25	18 25	18 24	18 27	18 26	18 27	18 27	18 27	18 27	18 26
19 28	19 28	19 26	19 26	19 25	19 28	19 27	19 28	19 28	19 28	19 28	19 27
20 29	20 29	20 27	20 27	20 26	20 29	20 28	20 29	20 29	20 29	20 29	20 28
21 30	21 30	21 28	21 28	21 27	21 30	21 29	21 30	21 30	21 30	21 30	21 29
22 31	Dec.	22 29	22 29	22 28	22 31	22 30	22 31	July	22 31	22 31	22 30
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30 8		30 6	30 6	30 8	30 8	30 8	30 8	30 9	30 8	30 8	30 8
31 9		31 7		31 9		31 9	31 9		31 9		31 9

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.