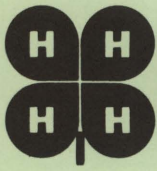
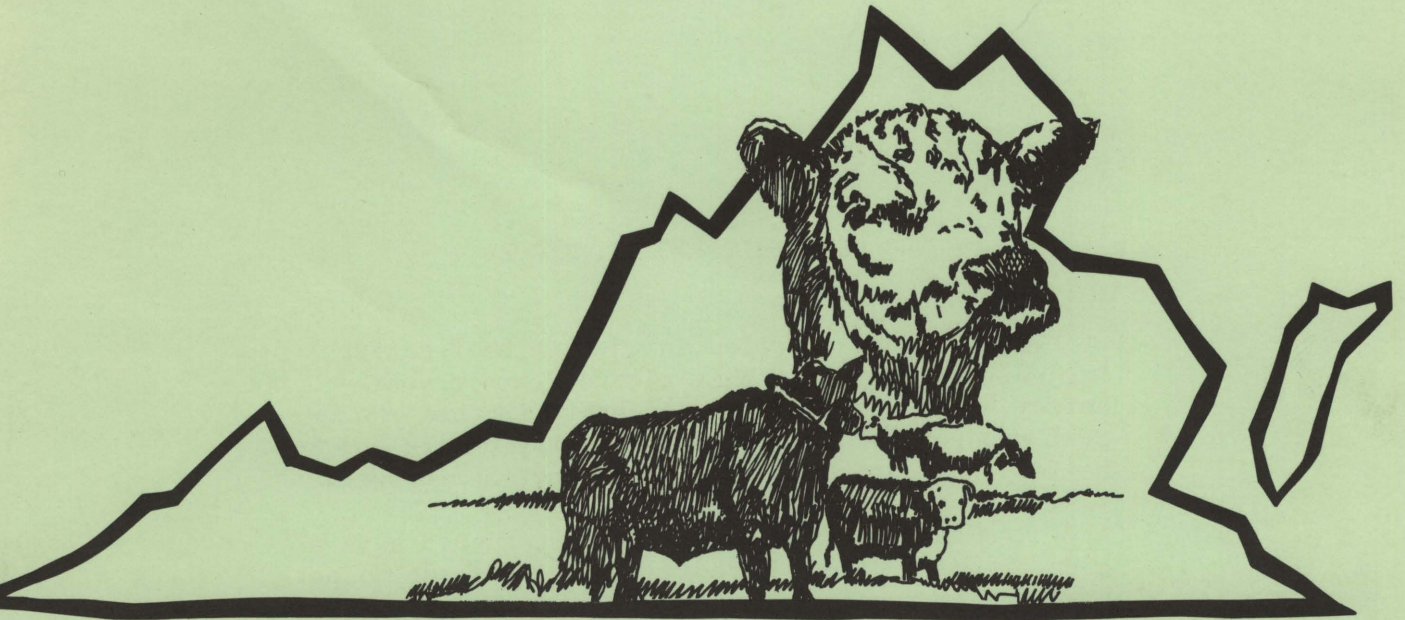


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BEEF HEIFER RECORD



Extension Division • Virginia Polytechnic Institute and State University • Reprint August 1975

Name _____ Age _____ Club Year _____

Address _____ County _____

Name of Club _____ Years in 4-H _____

Name of Leader _____ Record Book 87 _____

WHO USES THIS PROJECT RECORD

All members enrolled in the 4-H Beef Heifer Project must complete this record. After your heifer has been bred you may enroll in the 4-H Cow-Calf Project, or if you wish, you may obtain another heifer and continue with the 4-H Beef Heifer Project.

Each member taking this project should have a copy of the 4-H Beef Breeding Guide. If you do not have a copy, contact your leader or Extension Agent.

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Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. W. E. Skelton, Dean, Extension Division, Cooperative Extension Service, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061.

Pedigree of Heifer

Fill in the pedigree of one heifer if you have the information available. Also fill in production records. If necessary, get your dad to help you record the pedigree. You may complete the production records section if your heifer is a crossbred or grade.

Name and number of heifer _____

Date Born _____	A.D.G.* _____	
	205 day weight _____	
	Type score _____	
	Weight ratio _____	

Sire's name and number

A.D.G. (preweaning) _____

A.D.G. (140 da. feed test) _____

365 day wt. _____

Type score _____

205 day wt. ratio _____

No. calves sired _____

A.D.G. of calves _____

205 day wt. of calves _____

Ave. type score _____

Ave. 205 day wt. ratio _____

Grand sire's name and number

Number calves sired _____

A.D.G. of calves _____

205 day wt. of calves _____

Grand dam's name and number

Number calves weaned _____

A.D.G. of calves _____

205 day wt. of calves _____

Dam's name and number

A.D.G. (preweaning) _____

Type score _____

No. calves weaned _____

A.D.G. of calves _____

205 day weight _____

Ave. Type score _____

Ave. 205 day wt. ratio _____

Grand sire's name and number

Number calves sired _____

A.D.G. of calves _____

205 day wt. of calves _____

Grand dam's name and number

Number calves weaned _____

A.D.G. of calves _____

205 day wt. of calves _____

*Average daily gain

Inventory of Animals

	Purchased or on hand at Beginning of Year		Sold or on hand at End of Year	
	No.	Value	No.	Value
Purebred heifers (1 year or older)				
Grade heifers (1 year or older)				
Purebred calves (less than 1 year old)				
Grade calves (less than 1 year old)				
Others				
TOTAL				

Pictures of Animal(s)
(Side View)

Picture at beginning of Project
Date picture taken _____

Picture at end of Project
Date picture taken _____

MONTHLY MANAGEMENT AND ACTIVITIES SCHEDULE

For each month, record things you did with your heifer project plus any other 4-H activities in which you participated.

October _____

November _____

December _____

January _____

February _____

March _____

April _____

May _____

June _____

July _____

August _____

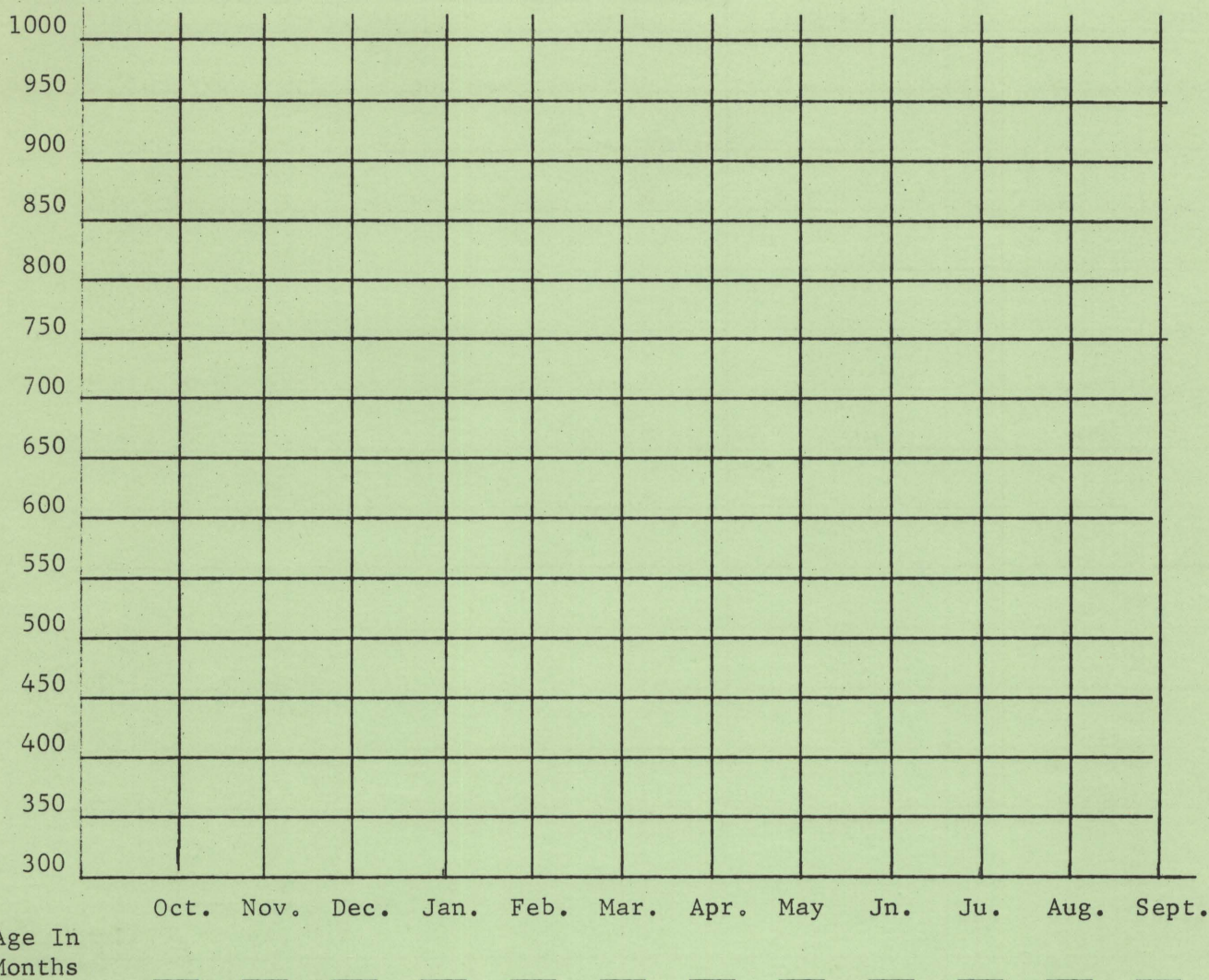
September _____

HEIFER GROWTH

The following table worked out by the Animal Husbandry Department of the United States Department of Agriculture gives approximate weights of cattle according to their heart girth measurements. If you do not have scales available to weigh your heifer, use this table to estimate the weight. Record this information monthly.

<u>Heart Girth in inches</u>	<u>Weight in pounds</u>	<u>Heart Girth in inches</u>	<u>Weight in pounds</u>
46	294	60	611
46.5	303	60.5	624
47	313	61	637
47.5	322	61.5	651
48	332	62	665
48.5	342	62.5	679
49	352	63	693
49.5	362	63.5	708
50	372	64	723
50.5	382	64.5	738
51	393	65	753
51.5	404	65.5	768
52	415	66	783
52.5	426	66.5	798
53	437	67	814
53.5	449	67.5	829
54	461	68	845
54.5	472	68.5	861
55	484	69	877
55.5	496	69.5	893
56	508	70	910
56.5	520	70.5	926
57	533	71	942
57.5	545	71.5	959
58	558	72	977
58.5	571	72.5	994
59	585	73	1,011
59.5	598	73.5	1,029

HEIFER GROWTH RECORD



FEED COSTS*

Use the space below to estimate daily feed costs.
Use these figures to calculate monthly feed costs.

Winter Feed

<u>Type feed used</u>	<u>Lb./head/day</u>	x	<u>Price/lb.</u>	=	<u>Cost/day</u>
_____	_____	x	_____	=	_____
_____	_____	x	_____	=	_____
_____	_____	x	_____	=	_____
Total Cost Per Head Per Day =					_____

*Figure pasture costs at 10¢ to 12¢ per head per day for yearling heifers.

Financial Summary

1. Value of Heifer(s) at end of year	\$ _____	
2. Value of Heifer(s) at start of year	\$ _____	
3. Net increase in value of animal (Line 1 minus line 2)	\$ _____	
4. Receipts from exhibits and awards	\$ _____	
5. Total income (add line 3 and 4)		\$ _____
6. Feed cost	\$ _____	
7. Miscellaneous expenses	\$ _____	
8. Total expenses		\$ _____
9. Profit or loss (subtract line 8 from line 5)		\$ _____

Answer as many of the following questions as you can.

1. How many heifers did you have for this project? _____
2. What breed did you select? _____ Why did you select this breed? _____
3. How old were your heifers when you started the project? _____
4. What was their average weight? _____
5. What was the average daily gain of your heifers from beginning to end of project? _____ Was this enough, too little, or too much? _____
6. Was your heifer bred this year? _____ If so, how old was she at breeding? _____ How much did she weigh? _____ Was she bred by natural service or by artificial insemination? _____

4-H Activities Record

I. Club Responsibilities

Number of meetings your club held this year. _____

Number you attended. _____

Offices held in 4-H club work this year.

Committees you served on. _____

Did you serve as a 4-H member leader?
yes _____ no _____

II. Project Activities

Projects you completed this year.

Give location for each activity below (Local, L; County, C; District, D; State, S; Regional, R; National, N).

Talks. Give title. _____

Demonstrations. Give title. _____

Exhibits. Give name of project. _____

Judging Contests. Give type. _____

Showmanship Contests. Give type. _____

Public Speaking Contests. Give title.

III. Other Activities

Place a check (✓) beside the following activities and events in which you participated.

- () Project tour
- () Project workshop
- () Judging school
- () Fitting and Showing school
- () Officer training
- () Leadership training
- () Community service project
- () 4-H Church Sunday
- () National 4-H Club Week
- () County Camp
- () Conservation Camp
- () TV Camp
- () Electric Congress
- () State 4-H Congress
- () National 4-H Congress
- () 4-H Citizenship Short Course
- () 4-H Citizenship Conference
- () Achievement Day
- () Health check-up by doctor
- () Dental check-up by dentist
- () News articles written, No. _____
- () Radio programs, No. _____
- () TV programs, No. _____
- () Others _____

IV. 4-H Awards and Honors

List those received this year.

Date project completed. _____