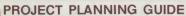


Beef





OBJECTIVES OF THE 4-H BEEF PROJECT

- 1. To develop the responsibility and discipline required by the daily care involved in producing beef cattle.
- 2. To provide learning experiences in basic management, feeding and selection of beef cattle.
- 3. To provide opportunities for demonstrating skills learned in selecting, feeding, managing, fitting and showing beef cattle.
- To provide opportunities for demonstrating the selection, preparation, cooking and serving of beef using the outdoor grill.

EXTENSION RESOURCE MATERIALS

Extension materials available through the County Agricultural Extension Agents' Office:

N. C. Market Steer Manual, 4H M-5-16

N. C. Market Steer Performance Record, 4H R-5-14

N. C. Beef Heifer Record, 4H R-5-22

N. C. Beef Grazing Record, 4H R-5-18

N. C. Beef Cow-Calf Handbook Fact Sheets

N. C. 4-H Livestock Judging Handbook, 4H M-5-17

Beef Cattle Breeds (USDA Bulletin)

Livestock Judging Aids (Animal Husbandry Extension Mimeograph)

Beef Char-Grill (Animal Husbandry Extension Mimeograph)

Livestock Production Demonstration (Animal Husbandry Extension Mimeograph)

LEVEL 1 (9- to 11-year-olds)

Level 1 is for 4-H members 9- to 11-years-old or for beginners of any age. Age levels are relative since all youngsters will not progress at the same rate. These are some things that 4-H Beef Projects should teach and that participants should do. Other related activities will likely be suggested and are encouraged.

2. Col tha 3. The fun rep 4. The	breeds of beef cattle in your a. or patterns and other things t identify these breeds. sex of cattle and their major ction—market animals or roducing animals. weight of your calf when the ject begins.	Decide what type of project and what breed or kind of calf you want to use. Select a calf that is the right age and weight for your project. Give your calf a name that seems to fit. Break your calf as soon as possible. Talk to him; offer some tidbit he likes until he will eat out of your hand and let you brush him.
3. The fun rep	t identify these breeds. sex of cattle and their major ctionmarket animals or roducing animals. weight of your calf when the	weight for your project. Give your calf a name that seems to fit. Break your calf as soon as possible. Talk to him; offer some tidbit he likes until he will eat out of your hand and
fun rep 4. The	ctionmarket animals or roducing animals. weight of your calf when the	Break your calf as soon as possible. Talk to him; offer some tidbit he likes until he will eat out of your hand and
		until he will eat out of your hand and
pro	age of your calf when the ject begins, if this is ilable.	Weigh a full bucket and a half bucket of feed. Be sure to subtract the weight of the bucket from the total weight. Keep up with how much your calf eats each
	type of feed and how much d you will need.	day.
	much you should feed and how should be fed.	Check feed bunks and water buckets daily. Clean out corners and remove any moldy or lumpy feed. Keep trash and feed out of water bucket.
8. How cal	to halter and break your f.	Lead your calf every day, if possible, and practice with a show stick early.
9. How	to use a show stick.	FRE Transfer marks become to the
10. How	to lead, set up and show your	Wash your calf at least twice before clipping it.
	91990	Start clipping 3 to 4 weeks before show time.
	(c)	Use your show halter for 2 weeks before the show.

	Things to Learn	Things to Do
1. 2. 3. 4.	Things to Learn Why you must feed a balanced ration. Why the different ingredients are in the feed and how they help your calf grow. The major parasite problems in your area and how to prevent or control them. The major disease problems in your area and how to prevent or control them. How to make a rope halter and neck rope. How to tie animals properly with a quick release slip knot.	Things to Do Visit a feed mill and see how feeds are made. Look at samples of the different ingredients used. Study your feed tag and talk to your County Extension Livestock Agent and the feed salesman about balanced rations and the role of the various ingredients in your feed. Treat your calf for internal and external parasites, if needed. Give your calf appropriate disease prevention treatments. Give a Livestock Production Demonstration at your County Activity Day. Make a rope halter and neck rope.
7.8.9.10.	To adjust a halter to fit properly. The body parts of beef animals—what it is and where it is. How to judge a class of beef animals. To clip and block your calf for the show.	Begin a Beef Cumulative Record of your beef activities. Enter the Showmanship Class at your show. Join a Livestock Judging Team. Do your own clipping and fitting.
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LEVEL 3 (15- to 19-year-olds)

Things to Learn		Things to Do	
2. H	low the multiple stomach (rumen) porks in cattle to allow them to efficiently use roughage. How growth stimulants work to elp your calf grow faster on ess feed.	Work with your County Extension Livestock Agent to balance a ration for your calf. Use a growth stimulant in your feed and an implant for maximum growth and efficiency. Visit an Auction Market.	
3. H	low to balance rations.	Visit a Feeder Calf Sale.	
f t 5. H	The different feed requirements for cattle of different ages and types. How the market system works in your area.	Visit a Slaughter Plant. Visit the meat department of your grocery store and observe the different cuts of beef. Talk to the meat manager about beef if you can.	
7. T	The market classes and grades of cattle. The retail cuts of beef produced from a steer. The characteristics of choice	Talk to your Home Economics Extension Agent, your mother or some other good cook about cooking methods for beef. Prepare a Beef Char-Grill Demonstration for your County or District Activity Day.	
136 (2)	peef and its value as a food.	Update your Beef Cumulative Record.	
	The various methods of cooking lifferent beef cuts.	Attend shows, field days, sales and beef educational meetings in your area.	

Prepared by J. K. Butler, Jr., Extension Animal Husbandry Specialist

Published by THE NORTH CAROLINA AGRICULTURAL EXTENSION SERVICE

North Carolina State University at Raleigh, North Carolina Agricultural and Technical State University at Greensboro, and the U. S. Department of Agriculture, Cooperating, State University Station, Raleigh, N. C., Chester D. Black, Director, Distributed in furtherance of the Acts of Congress of May 8 and June 30, 1914. The North Carolina Agricultural Extension Service offers its programs to all eligible persons regardless of race, color, or national origin, and is an equal opportunity employer.