

AGRICULTURAL EXTENSION SERVICE

State of North Carolina

PLAN OF WORK

19 44

Period covered December 1943 to November 30 1944  
(Month) (Month)

Name of Project: Animal Husbandry

Covering work to be done by L. I. Case

H. M. Stoney

Percentage of time to be devoted to project: 100 per cent.

Date submitted: Jan. 22, 1944. Signed: L. I. Case

Project Leader

Date Approved: \_\_\_\_\_, 19\_\_\_\_. Signed: \_\_\_\_\_

State Director of Extension  
Work

Date Approved: \_\_\_\_\_, 19\_\_\_\_. Signed: \_\_\_\_\_

Director of Extension Work  
U. S. Department of  
Agriculture

ANALYSIS SHEET FOR SUBJECT-MATTER PLANS OF WORK

Name of Project \_\_\_\_\_ State \_\_\_\_\_

Contents

Analysis

I. Situation and Trends:

- a. Relation of this project to war program \_\_\_\_\_
- b. Research, outlook, census, agricultural planning data \_\_\_\_\_
- c. Relation to county programs \_\_\_\_\_
- d. Relation to previous progress made on project \_\_\_\_\_

II. Adjustments and Remedies:

- a. Major problem selections justified in the wartime situation \_\_\_\_\_
- b. Sound solutions proposed \_\_\_\_\_
- c. Expanded production \_\_\_\_\_
- d. Better living from the farm included \_\_\_\_\_
- e. Needs of low-income families considered \_\_\_\_\_

III. Objectives

IV. Numerical Goals:

- a. Reasonable in relation to problems and personnel \_\_\_\_\_
- b. Training of agents and leaders included \_\_\_\_\_
- c. Compared with previous year's accomplishments \_\_\_\_\_

V. Procedure and Teaching Methods:

- a. Organization and procedure to reach maximum number of people effectively \_\_\_\_\_
- b. Provides motivation appeals and publicity \_\_\_\_\_
- c. Includes planning between specialists and agents \_\_\_\_\_
- d. Demonstrations emphasized \_\_\_\_\_
- e. Research work is excluded \_\_\_\_\_

VI. Cooperation and Integration:

- a. With other specialists and administrative staff \_\_\_\_\_
- b. With 4-H Club Work \_\_\_\_\_
- c. With public agencies, agricultural planning committees, and war boards \_\_\_\_\_
- d. With private agencies \_\_\_\_\_
- e. With total war program \_\_\_\_\_

VII. Literature and Illustrative Material:

Variety and quantity to be prepared \_\_\_\_\_

VIII. Calendar of Work:

Separate calendar for each specialist \_\_\_\_\_

IX. Outline Map

X. Projection of Plans Through Fiscal Year

DOES PLAN DO JUSTICE TO WORK ACTUALLY UNDER WAY? (Yes or No) \_\_\_\_\_

IS APPROVAL OF PLAN RECOMMENDED? (Yes or No) \_\_\_\_\_

REMARKS:

PLAN OF WORK  
ANIMAL HUSBANDRY EXTENSION  
NORTH CAROLINA  
FOR  
1944

L. I. Case  
In Charge Animal Husbandry Extension.

H. M. Stansy  
Animal Husbandry Extension Specialist.



PLAN OF ANIMAL HUSBANDRY WORK

IN

NORTH CAROLINA

1944

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I. Situation and Trends: Livestock numbers, excepting horses and mules, have increased as of January 1, 1943, compared with January 1, 1942. Values increased all along the line with horses and mules up \$1,175,000.00, all cattle and calves up \$10,507,000.00, sheep up \$143,000.00, hogs up \$7,810,000.00, making a total increase in values of all farm livestock \$19,635,000.00. As already stated these figures are of January 1, and is probably not a true picture at the end of 1943 as there has been depreciation in values pretty well along the line, especially hogs.

Beef cattle numbers continue to increase and many farmers have established new commercial or purebred herds in all sections of the state. A recent revision of our list of breeders of registered cattle shows about a 75 per cent increase in the number of breeders of registered Hereford cattle as compared with two years ago. There have also been some increases in Shorthorn and Aberdeen-Angus breeders. Sheep numbers have increased by 5,000 which is the first increase in this class of livestock in many years. Commercial feeding of cattle for the market has decreased due to feed shortage, high priced feeders, and uncertainty regarding government regulations of the meat industry.

There is still evidence of considerable improvement in the quality and condition of all classes of livestock in North Carolina. It is believed that Extension Work is to a considerable extent responsible for this improvement. Grading and cooperative selling of lambs and wool, the selling of feeder calves by grade, Baby Beef Club Work, Fat Stock Shows where premiums are awarded by U. S. Standard grades, Horse and Male Clinics and other educational activities are all playing their part in this trend toward improvement.

There is more and more evidence of improvement in feeding and managerial practices. Increasing numbers of farmers are becoming conscious of the need of improving their pastures by the use of lime and phosphate and better pasture management methods. There have been more sales of purebred cattle than in any year in history and these sales have been well supported.

## II. Adjustment and Remedies:

A. Our Government is asking for an increase in beef, lamb and wool with good grade beef the goal rather than the production of prime and choice beef. The purpose of this is to save feed. It is asking for a reduction in the number of hogs finished for market. This is also due to feed shortage. Commercial fattening of cattle for the market has never been on a large scale in North Carolina. This will probably be somewhat curtailed this year due to feed shortage and uncertainties. Baby beef production, however, by 4-H Club Members will probably be doubled as compared with 1943. Due to shortage in personnel many of our regular projects will be de-emphasized and long time demonstrations will be out for the duration. More beef, more lamb, more mutton, more wool, and workstock in better condition for doing the job of increased production is the aim for 1944.

B. 1 - Beef Cattle;

a. Increase numbers of commercial cattle especially in sections where feed production justify it. In areas where feed is short reduction in numbers through culling will be the order of the day.

b. Improve quality by the use of better bulls, better feeding, improved managerial practices, culling of herds, and the control of parasites.

c. Put more beef in the hands of consumers by feeding more cattle for market especially by 4-H Club Members where feed conditions justify it. Place emphasis upon the practical <sup>b</sup>saide of Junior Beef Calf Work. This means the feeding of home grown calves or if purchased the paying of commercial feeder calf prices. It also means doing away with the frills and getting down to practical feeding methods.

<sup>d.</sup>  
2 - Sheep:

a. Increase numbers by reasonable expansion where conditions justify. Increase total poundage of lamb and wool by larger lamb crops, proper feeding and control of parasites and diseases.

b. Improve quality by the use of better rams, culling of flocks, better feeding, parasite and disease control and better managerial practices generally.

c. Increase profits and thus encourage greater production by cooperative selling of lambs and wool by grade. Also <sup>e</sup>extend the grading of feeder calves to encourage better bulls and better production methods generally for better profits and increased production.)

3 - Work Stock:

- a. Increase efficiency of work stock by better feeding, better care, proper shoeing, proper fitting of collars and parasite control.
- b. Encourage the growing of more work stock in North Carolina where practical.

III. Objectives: As was the case last year, long time aims will be de-emphasized for the duration, looking to a quick, yet economical increase in the supply of meat, leather and wool.

IV. Numerical Goals for 1944: In order that each county in the state should have a definite plan of work for the year a brief outline of Animal Husbandry Projects was prepared, Exhibit A, see page 5 and page 6. This outline was used as a guide by the county agent assisted by his district agent in preparing his county plan of work for 1944. A sample county plan of work is shown on page 7, Exhibit B. A tabulation and summary of plans of work by districts follow:

- Western District - Exhibit C - Page 8
- Northwestern District - Exhibit D - Page 9
- Southwestern District - Exhibit E - Page 10
- Northeastern District - Exhibit F - Page 11
- Southeastern District - Exhibit G - Page 12



Exhibit A

OUTLINE OF BEEF CATTLE, SHEEP AND WORK STOCK

Several projects which have appeared in this outline in previous years are now omitted for the duration. On the other hand, due to the present emergency, it is thought best to emphasize certain work that will have a direct bearing on the quick production of Food and Fiber. These project outlines appear in capital letters.

BEEF CATTLE PROJECTS

A-2. Feeder Calf, Adult or 4-H Club:

This was originally designed for our mountain counties where the production of feeder cattle has long been a practice. With recent development in the cattle business in the eastern part of the state and the growing tendency to sell calves at weaning time, it is a practical project for the entire state. (Suitable for Result Demonstration).

A-3. Beef Bull Placement:

Replacement of scrub or mediocre purebreds with good type registered bulls will always have a place in an extension program. It is not now considered of utmost importance in comparison with other projects.

B. FATTENING FOR MARKET:

THIS FATTENING OF CATTLE FOR THE MARKET IS A PRACTICAL WAY OF MARKETING SURPLUS FEEDS AND THE PRODUCTION OF MANURE FOR SOIL IMPROVEMENT. (Suitable for Result Demonstration. Record forms are available).

B-3. FATTENING PROJECT. 4-H CLUB:

INCLUDED UNDER THIS HEADING ARE ALL PROJECTS GENERALLY SPOKEN OF AS "BABY BEEF". AS A RULE STEERS FED IN THIS PROJECT ARE INTENDED FOR EITHER A FALL OR SPRING SHOW. HOWEVER, IT SOMETIMES PROVES PRACTICAL TO SELL AFTER A SHORT FEED.

THIS PROJECT SERVES AS AN EXCELLENT FORERUNNER FOR A BREEDING HERD AND SEVERAL BABY BEEF CLUB MEMBERS, OR FORMER MEMBERS, HAVE ALREADY INVESTED THEIR PROFITS IN BREEDING CATTLE. A DEFINITE CONTRIBUTION TO THE WAR EFFORT. (Result Demonstration).

SHEEP PROJECTS

C-2. SHEEP CLUB (Market Lambs) 4-H Club:

THIS IS ESPECIALLY APPLICABLE IN COUNTIES WHERE LAMBS ARE TO BE SOLD COOPERATIVELY. A GOOD PLAN THAT IS BEING FOLLOWED IN SOME PLACES IS FOR THE CLUB MEMBER TO FEED AND MANAGE THE ENTIRE FLOCK. RECORDS SHOULD BE KEPT.



C-3. Ram Placement;

Make as close an estimate as possible as to the needs of the county and make definite arrangements to secure rams early. The matter of early arrangements applies especially to Eastern North Carolina where new stud rams should be on farms by June 1, or earlier. (Not suitable for Result Demonstration).

E-3. GRADING AND MARKETING LAMBES : (Plans should show number of farmers to be worked with).

PLANS TO BE CAREFULLY MADE IN ADVANCE OF THE MARKETING SEASON AND LAMBES GRADED AND SOLD COOPERATIVELY BY GRADE. FARMERS WHO PLAN TO COOPERATE IN THIS PROJECT SHOULD BE WORKED WITH THROUGHOUT THE YEAR AS FAR AS POSSIBLE AND GUIDANCE GIVEN IN EVERY PHASE OF MARKET LAMB PRODUCTION.

E-7. WOOL POOL: (Plans should show number of farmers to be worked with).

THIS REFERS TO THE COOPERATIVE MARKETING OF WOOL. IT IS BELIEVED THAT MORE OF THIS WORK SHOULD BE DONE IN ORDER TO SECURE A FAIR PRICE FOR SHEEP GROWERS. IN ADDITION TO THE SELLING OF THE WOOL, WORK SHOULD BE DONE AT SHEARING TIME IN DEMONSTRATING PROPER SHEARING, TIEING AND HANDLING THE CLIP. (Not suitable for Result Demonstration).

OUR GOVERNMENT NEEDS WOOL TO CLOTHE OUR ARMED FORCES. EVERY POUND OF WOOL SHOULD BE SAVED.

WORK STOCK PROJECTS

D-1. Stallion Placement;

Good type draft stallions should be encouraged at all times. Too much emphasis cannot be placed on the right kind of stallions kept for service.

D-2. Jack Placement;

Good work stock will always be in demand. The present emergency is causing our farmers to depend more and more on horse and mule power.

D-7. WORK STOCK CLINICS;

THIS WORK IS TO BE DONE ON A COMMUNITY BASIS IN COOPERATION WITH LOCAL VETERINARIANS. THE VETERINARIAN FOR A SMALL FEE EXAMINES THE ANIMALS, DOES DENTAL WORK AND ADMINISTERS BOT OR WORM TREATMENT WHERE EITHER OR BOTH ARE DEEMED NECESSARY. ADVICE IS ALSO GIVEN THE OWNER FOR ANY OTHER AILMENTS OR CONDITIONS THAT MAY BE FOUND. THE COUNTY AGENT OR EXTENSION ANIMAL HUSBANDMAN GIVES ADVICE ON BREEDING, FEEDING AND MANAGEMENT.

WORK STOCK CLINICS ARE A VALUABLE CONTRIBUTION TOWARD MORE EFFICIENT FOOD AND FEED PRODUCTION. (Result Demonstration)

# NORTH CAROLINA EXTENSION SERVICE

 LINE OF WORK Animal Husbandry

 PLAN OF WORK, 1944
ALLEGHANY COUNTY

KEY	TYPE OF WORK PLANNED	TOTAL WORK PLANNED	RESULT DEMONSTRATIONS	DISTRIBUTION OF TOTAL WORK PLANNED												
				NO.	NO.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.
A-3	Beef Bull Placement	AD.	10						2	2				2	4	
		4-H														
B-3	Fattening Projects	AD.														
		4-H	6	6	S 2		S 2	S 2								C-6
C-2	Sheep Club	AD.														
		4-H	10	10	S 2	S 2	S 6									C-10
C-3	Ram Placement	AD.	10									4	4	2		
		4-H														
E-3	Marketing Lambs	AD.	100									50	50			
		4-H														
E-7	Wool Pool	AD.	250						S 250		C 250					
		4-H														
D-7	Work Stock Clinics	AD.	300		300											
		4-H														

SEE REVERSE SIDE FOR INSTRUCTIONS.

EXTENSION PROCEDURE	TOTAL NO.	DISTRIBUTION												
		DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	
DAYS AGENT(S) TO DEVOTE TO WORK	AD.	35	2	4	2	2	3	4	3	3	3	3	4	2
	4-H	11	1	1	1	1	1						4	
DAYS SPECIALIST TO DEVOTE TO WORK	AD.	3										1	1	1
	4-H													
DAYS LOCAL LEADERS TO ASSIST	AD.	8								2	2	2	2	
	4-H	2											2	
FARM AND HOME VISITS	AD.	126	5	10	10	5	10	10	8	8	10	10	20	20
	4-H	46	4	2	8	2	2	2	2	2	2		16	4
NEWS ARTICLES	NO.	8		1					1	1	1	1	1	1
CIRCULAR LETTERS	NO.	6		1					1	1	2	1		
MEETINGS PLANNED	METHOD DEMONSTRATION	NO.	3						1					2
	RESULT DEMONSTRATION	NO.												
	OTHER	NO.	1							1				
RESULT DEMONSTRATION RECORDS TO SECURE	NO.	16												16
TOURS	NO.													

(OVER)



## INSTRUCTIONS

Under column headed "KEY", use the key numbers from the Outline of Project Plans. Example: In Engineering, A I 3 represents terracing with homemade and light terracing equipment.

Under the column headed "TOTAL WORK PLANNED", enter the goals planned for the year. These goals represent the number of farms for adult work and number of members for 4-H club work to be reached during the year. Number of meetings, tours, and other educational procedures are not to be entered in the upper part of this form. Example: In Agronomy, Crop Rotations, 100 under this column indicates that an educational procedure will be set up below which will result in 100 farms carrying out approved crop rotation systems.

Figures entered under the column headed "RESULT DEMONSTRATIONS" represent that part of "TOTAL WORK PLANNED" for which result demonstrations will be conducted, records secured and other teaching methods employed necessary to the result demonstration. Example: 100 farms will be helped with Crop Rotations but 5 listed under "Result Demonstrations" indicates that only 5 of the 100 will be conducted as result demonstrations with records, meetings, etc.

The "Total Work Planned" column must be distributed by months and result demonstrations shown separate from the other goals. Show result demonstrations by "S" meaning to "start" and "C" meaning to "complete" under appropriate months with number of such demonstrations written to the right of the letter. Distribute the remainder of the goal contained in the figure under "Total Work Planned" by numbers only (Do not use "S" and "C"). Example: 100 farms are listed under "Total Work Planned" for work with Crop Rotations, 5 of which are listed under the "Result Demonstrations" column. This distribution by months might be shown by 30 under January; 30S5 under February; 35 under March; and C5 under November. The above would mean that the 5 result demonstrations are to be started in February and completed in November; that 30 other farmers in January, 30 in February and 35 in March will be assisted through meeting, visits or other educational methods to adopt a proper system of crop rotation.

All result demonstrations continued from the previous year and to be carried through the next year must be listed under "Type of Work Planned" and the word "continuous" written under the months column. A record must be submitted sometime during the year on such demonstrations.

### EXTENSION PROCEDURE

Totals for the year must be entered under the column headed "TOTAL NUMBER", and distributed by months for all activities. Use figures only. No keys or letters should be used.

The total of the distribution by months must equal the figures under the column headed "TOTAL NUMBER".

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This form must be completely filled in (upper and lower parts) and brought to the planning conferences for all projects to be conducted during the next year.

(Revised September, 1941)



## Exhibit C

## ANIMAL HUSBANDRY

1944 PLAN OF WORK

Western District, F. R. Farnham, District Agent.

County	Feeder Calf	Bull Placement	Feeding for Market	4-H Baby Beef	4-H Sheep Club	Ram Placement	Marketing Lambs	Wool Pool	Stallion Placement	Jack Placement	Work Stock Clinics	Pays Agents Devote	Records to Secure
Alleghany		10		6	10	10	100	250			300		16
Ashe				4	5	15	125	175			5		9
Avery	20	25				2		75	1	1			20
Buncombe		10		15							2		15
Burke													
Cherokee				5							25		5
Clay	1			2									3
Graham		3		5							2		5
Haywood		23		10			101				1		10
Henderson		2	2	6									6
Jackson	25			15		2					4		40
Macon		2									2		
Madison		30		6							4		6
McDowell		3	1										
Mitchell		5											
Swain	5	2				2					4		5
Transylvania		2		6		2					25		6
Watauga		22		5	5	20	300	450					10
Yancey		6		6				50			1		6
Totals	51	145	3	91	20	154	525	1000	1	1	375		162

## Exhibit D

## ANIMAL HUSBANDRY

## 1944 PLAN OF WORK

Northwestern District, O. F. McCrary, District Agent

County	Feeder Calf	Bull Placement	Feeding for Market	4-H Baby Beef	4-H Sheep Club	Ram Placement	Marketing Lambs	Wool Pool	Stallion Placement	Jack Placement	Work Stock Clinics	Days Agents Devote	Records to Secure
Alamance		2		13		3	20	20			4		16
Caswell				5			1	1					5
Chatham		3				2	6	14					
Davidson	No definite projects - see plan												
Durham		3		10									10
Forsyth		8		2		4				1			2
Franklin		5		15									15
Granville		7				2				1	2		
Guilford			1	20									21
Orange	No definite projects - see plan												
Person	See plan												
Randolph		6	6										4
Rockingham		3	8								2		2
Stokes			5	5							8		5
Surry			2	8							5		8
Vance		1		3									3
Wake		1	4	7							2		7
Warren			10	6							2		6
Wilkes			2	12							1		12
Yadkin		4		3							16		3
Totals		43	38	109		11	27	35		2	42		119

Exhibit E

ANIMAL HUSBANDRY

1944 PLAN OF WORK

Southwestern District, L. B. Altman, District Agent

County	Feeder Calf	Bull Placement	Feeding for Market	4-H Baby Beef	4-H Sheep Club	Ram Placement	Marketing Lambs	Wool Pool	Stallion Placement	Jack Placement	Work Stock Clinics	Pays Agents Devote	Records to Secure
Alexander		5		6									6
Anson				4			5	7			55		4
Cabarrus			2								2		
Caldwell	11	6		3							4		7
Catawba			5	2							2		2
Cleveland			2	20									22
Davie		Raising home meat supply											
Gaston		2		8									10
Iredell				10							1		12
Lee		2				1					1		
Lincoln			6	5									5
Mecklenburg		4											
Montgomery		2									24		
Moore							4				12		
Polk											10		
Richmond	6		12								4		6
Rowan			10	5									7
Rutherford		Herd and Flock Management											
Stanly		5											3
Union			4	4									6
Totals	17	26	41	67		1	9	7			115		90



## Exhibit F

## ANIMAL HUSBANDRY

1944 PLAN OF WORK

Northeastern District, B. Troy Ferguson, District Agent

County	Feeder Calf	Bull Placement	Feeding for Market	4-H Baby Beef	4-H Sheep Club	Ram Placement	Marketing Lambs	Wool Pool	Stallion Placement	Jack Placement	Work Stock Clinics	Days Agents Devote	Records to Secure
<u>Beaufort</u>		3	7	6		1	1				10		6
<u>Bertie</u>			2	1							1		1
<u>Camden</u>							1	1			1		
<u>Chowan</u>		6		4			2				4		4
<u>Currituck</u>		6					2						
<u>Dare</u>													
<u>Edgecombe</u>		8		8		5	2	1			5		8
<u>Gates</u>		4		5									5
<u>Greene</u>		2		15	6								21
<u>Halifax</u>		3	4										
<u>Hertford</u>	3	2				2					10		1
<u>Hyde</u>		6				4	2				6		
<u>Martin</u>				20							1		20
<u>Nash</u>				20	5		20	20			400		25
<u>Northampton</u>		4	6	2		3		1			70		2
<u>Pasquotank</u>			See Plan										
<u>Perquimans</u>											50		
<u>Pitt</u>				15							5		15
<u>Tyrrell</u>		2				4	24	25					
<u>Washington</u>		5				10	2	1			2		
<u>Wilson</u>		2		5		2	2	5					
<b>Totals</b>	<b>3</b>	<b>53</b>	<b>19</b>	<b>101</b>	<b>11</b>	<b>31</b>	<b>58</b>	<b>54</b>			<b>565</b>		<b>108</b>

ANIMAL HUSBANDRY

194 PLAN OF WORK

Exhibit G

4

County	Feeder Calf	Bull Placement	Feeding for Market	4-H Doby Beef	4-H Sheep Club	Ram Placement	Marketing Lambs	Wool Pool	Stallion Placement	Jack Placement	Work Stock Clinics	Pays Agents Devote	Records to Secure
Southeastern District, C. Brickhouse, District Agent													
Bladen				2		2					1		2
Brunswick		3											
Carteret		3			5			14			1		5
Columbus		5									50		
Craven		2		2	5	2	13	13			6		7
Cumberland						8		12					8
Duplin		8		26	3						3		29
Harnett			6	18	2	2	2				8		20
Hoke		1	4	4	1						65		5
Johnston			10	49	5			1			10		54
Jones		6	3	1	5	3		11			7		6
Lenoir		2		15	4	1	8	8					19
New Hanover													
Onslow	5	3	15		1						6		8
Pamlico		2				1					4		
Pender													
Robeson		3	2	20	2			1					20
Sampson	28	1				2		6			4		
Scotland	See Plan												
Wayne		5		4	3			8			4		7
Totals	33	44	40	141	44	13	23	74			169		190

GOALS AND SUMMARY

A summary of work planned for 1944<sup>5</sup> as compared with 1943<sup>4</sup>. Annual reports for 1943 are not yet in, therefore, it is impossible to record accomplishments for 1943<sup>4</sup>. In the past goals have in the main been attained. We are now at war and with all the extra work which extension workers are being asked to do, it is difficult to say whether plans can be reached or not.

	1943	1944	- 1945
Beef Bulls to be placed . . . . .	344	311	216
Cattle Fattening Demonstrations . . . . .	175	141	215
Feeder Calf Projects . . . . .	168	104	
Four-H Fattening Projects . . . . .	388	509	720
Rams to be placed . . . . .	134	210	79
Farmers to Grade and Sell Lambs . . . . .	686	642	84
Farmers to Sell Wool Cooperatively . . . . .	1187	1170	1219
Sheep Club Projects . . . . .	69	75	41
Stallion Placements . . . . .	1	1	
Jack Placements . . . . .	4	3	
Work Stock Clinics . . . . .	481	1266	3067
Shrifty Pig adult		118	1177
" " 4H		1417	1261
Feeding Dams adult		407	2128
" " 4H		1523	1412
Placing Purebreds adult		974	700
" " 4H		571	520
Straying adult			1622
" " 4H			449
Martaling		396	3756
Killing + currying		118	958



V. Procedure and Teaching Methods: As has already been stated, long time demonstrations are out until the war is over. What we consider the most important extension procedure, therefore, is effective marketing of our meat animals and animal products. To be more specific, the selling of fat steers, spring lambs, and wool cooperatively by grade, we think will not only result in a good job of selling but what is even more important will teach better production methods at the same time.

a. Farmer X brings lambs to shipping point. They grade Medium and sell for a net of 10 cents per pound. The average weight of these lambs is 70 pounds which means a total of \$7.00 per head. Farmer Y brings in lambs to the same shipping point which grade Choice and sell for 16 cents per pound. These Choice lambs weigh 85 pounds and net the farmer \$13.60 per head. Farmer X then gets \$6.60 less per head for his lambs than his neighbor and can readily see the reason why. Better production methods are, therefore, taught with a minimum of conversation.

VI. Cooperation and Integration: Animal Husbandry Work will be coordinated with extension work as follows: Agronomy in pasture and feed production; Agricultural Engineering in farm buildings and equipment, economical use of horse power, etc.; Farm Management in records of livestock enterprises; Forestry in forest grazing; Marketing in the selling of cattle, lambs, wool, <sup>hogs</sup> etc.; Entomology in the control of external parasites; 4-H Club Department in beef calf <sup>hog</sup> and sheep club projects. It will also be carried on in cooperation with the State Department of Agriculture, State Veterinarian's Office, Agricultural Agents of the railroad companies, National, State and County Breed and other Livestock Associations, ~~National Livestock and Meat Board~~, Plant Food

Institute, Southeastern Chain Store Council, The Tennessee Coal, Iron and Railroad Company, and last but not least the various governmental agencies, such as A.A.A., F.S.A., S.C.S., B.A.I., B.A.E., B.P.I. and many others. Especial mention should be made of much, most valuable assistance, secured from B.A.E. and A.M.A. Without their daily, weekly, monthly and special reports on the markets for various livestock and by-products it would be most difficult for field men to carry on effectively. Furthermore, this office is in constant need of help from the office of the Senior Extension Animal Husbandman from which source we are kept informed regarding new and better means of carrying on our work.

VII. Extension Literature and Illustrative Material:

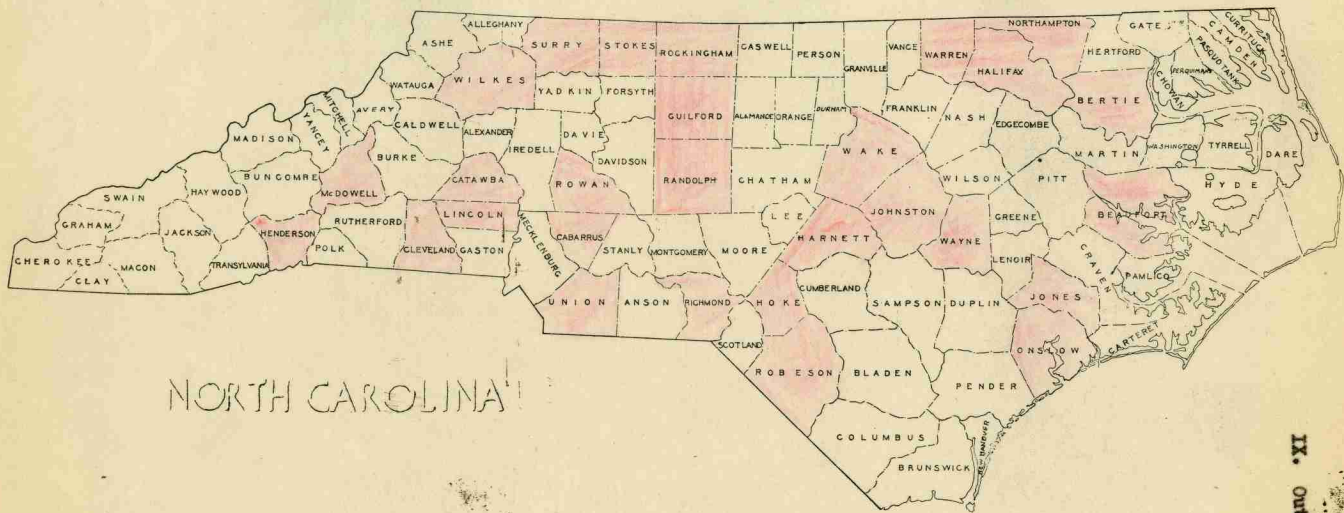
1. Raising Beef Cattle in North Carolina - 10,000 copies
2. Raising Sheep in North Carolina - 5,000 copies
3. Numerous circulars both printed and multigraphed, for distribution to county agents - 300 or more copies each.

VIII. Calendar of Animal Husbandry Work - 1944

	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
<b>BEEF CATTLE;</b>												
<del>A-2. Feeder Calf</del>							////	////	////	////	////	////
A-3. Bull Placem't.	/	/	/	////	////	////	/	/	/	/	/	/
B. Fattening For M.	////	////	////	////	////	////				////	////	////
B-3. Fattening 4-H	////	////	////	////	////	////	////	////	////	////	////	////
<b>SHEEP:</b>												
C-2. 4-H Sheep Club	/	/	/	/	/	////	////	////	////	////	////	////
C-3. Ram Placement							////	////	////			
E-3. Grading and Marketing Lambs						////	////	////	////	////		
E-7. Wool Pool							////	////	////			
<b>WORK STOCK:</b>												
D-1. Stallion Placem't.			/	/	/	/	/					
D-2. Jack Placement			/	/	/	/	/					
D-7. Horse Clinics	////	////	////	////								

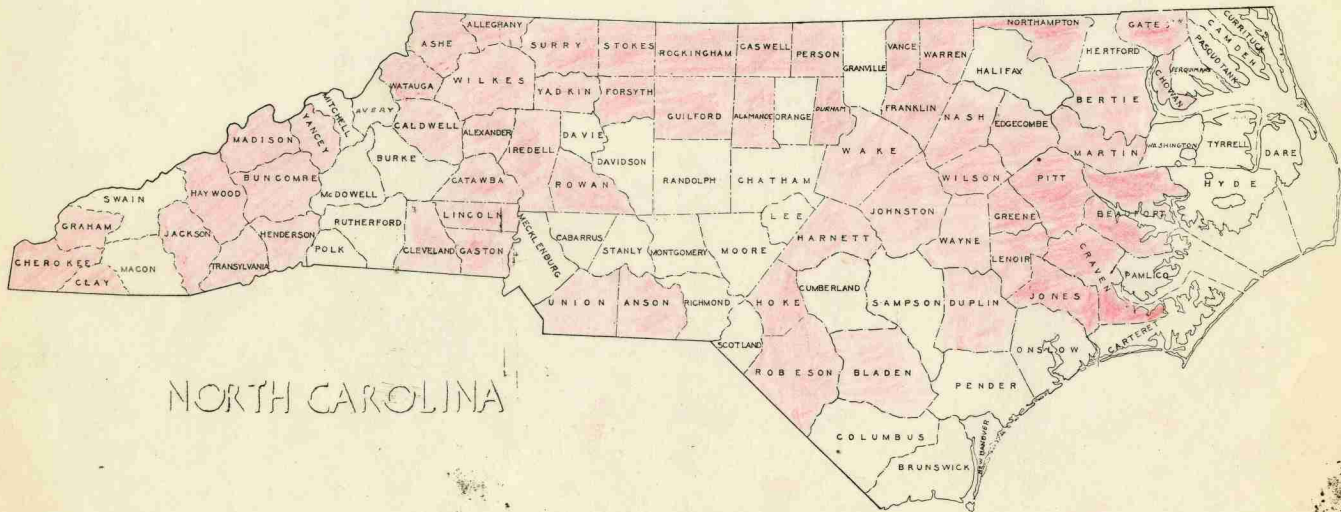
Legend - ////////////// Intensive work      // // // // Less intensive, etc.





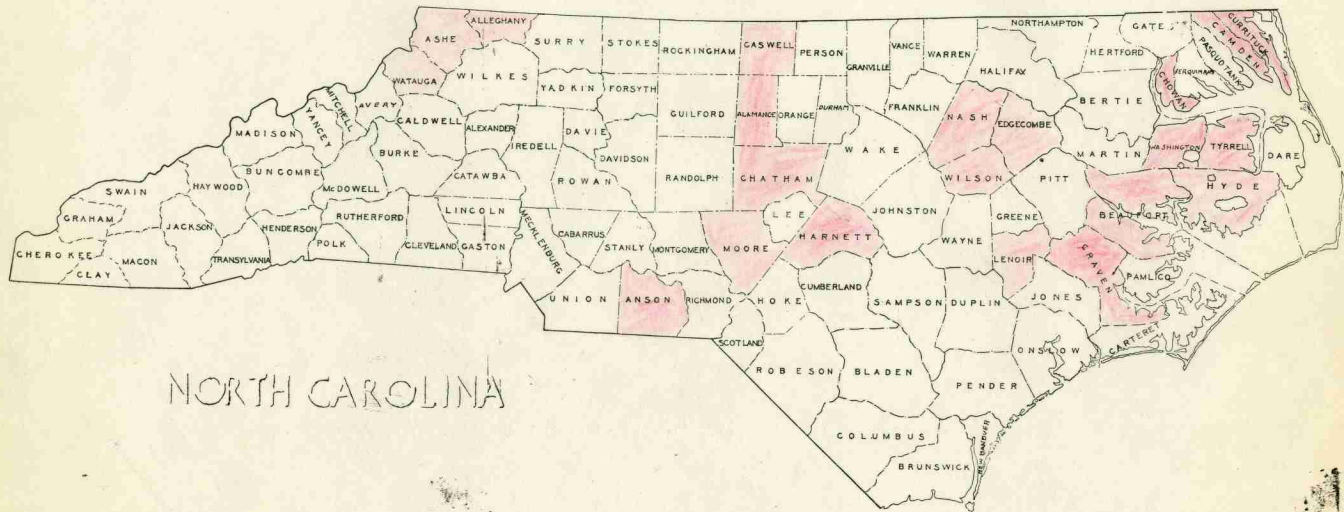
NORTH CAROLINA

Counties shown in red plan Cattle Fattening For Market (Adult) Projects for 1944.



NORTH CAROLINA

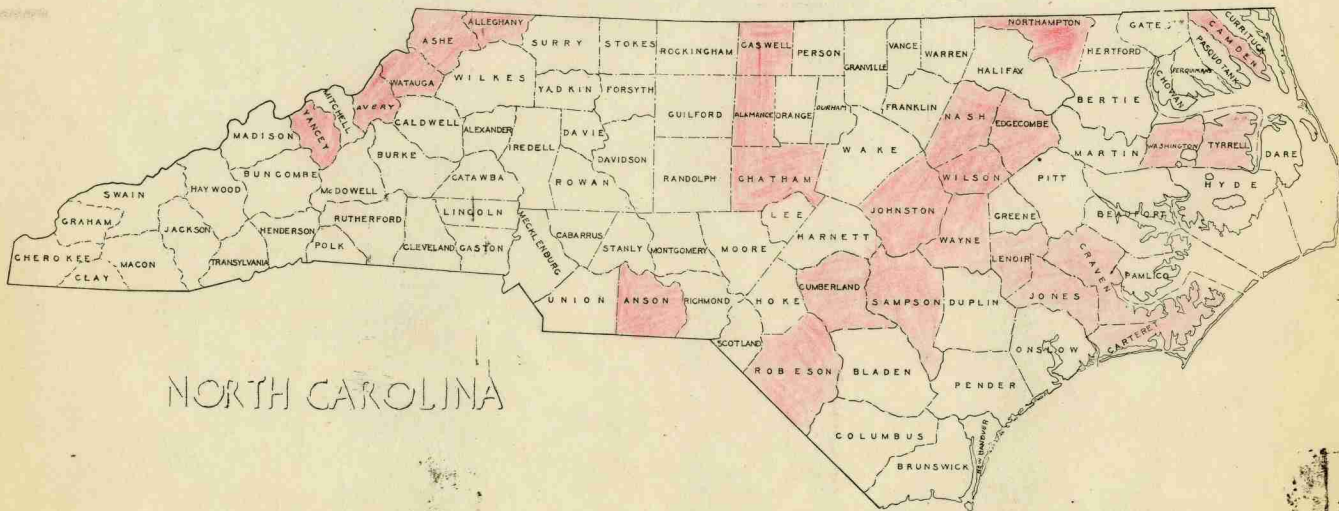
Counties shown in red plan 4-H Beef Cattle Fattening Projects for 1944.



# NORTH CAROLINA

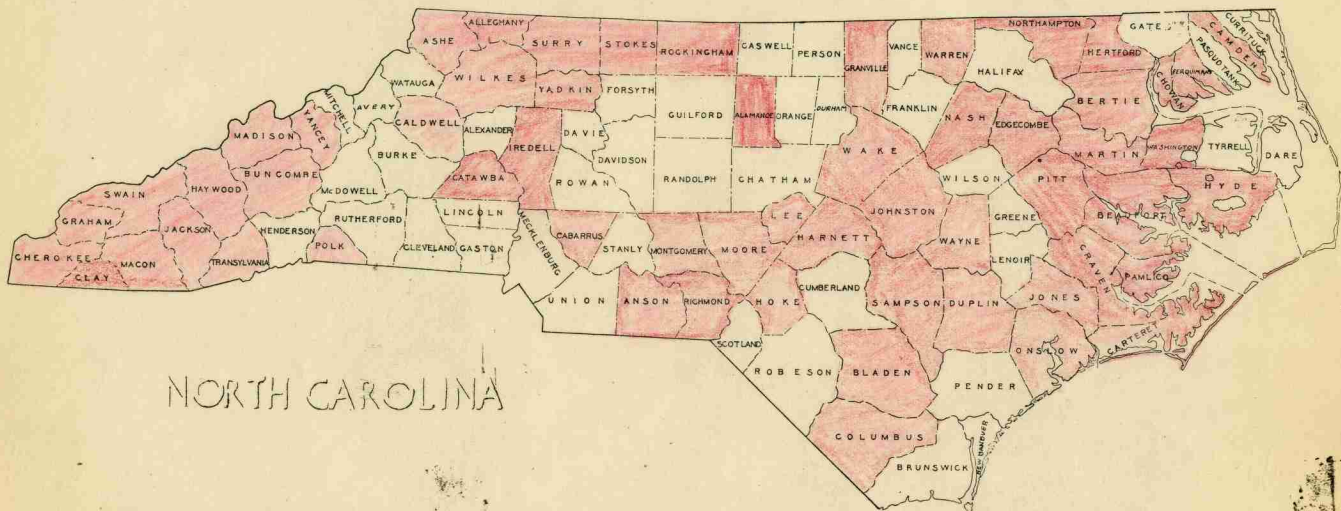
Counties shown in red plan Grading and Marketing Lambs  
for 1944.





NORTH CAROLINA

Counties shown in red plan to hold a Wool Pool in 1944.



# NORTH CAROLINA

Counties shown in red plan to hold Work Stock Clinics in 1944.

X. Extension Through First Half of Next Calendar Year: It is contemplated that the plan of work as outlined herein will be applicable for the first half of the next calendar year and unless some change in the situation develops it will be carried on as indicated. It is sincerely hoped that some of the complications and uncertainties due to regulations concerning meat will be cleared up soon. This would no doubt bring about far greater results in production than possible under present conditions. Should there be a need for it, plans will be adjusted to fit conditions as they appear.