

AGRICULTURAL EXTENSION SERVICE

State of North Carolina

PLAN OF WORK
1948

Period covered December 1, 1947 to November 30, 1948
(Month) (Month)

Name of Project ANIMAL HUSBANDRY EXTENSION

Covering work to be done by* L. I. Case, In Charge
Jack Kelley, Swine

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

Date submitted: Dec 31, 1947. Signed: _____
Project Leader

Date approved: _____, 19____. Signed: _____
State Director of Extension Work

Date approved: _____, 19____. Signed: _____
Director of Extension Work U. S.
Department of Agriculture

*If phases of project are divided between two or more workers, indicate assignment to each.

1948 PLAN OF WORK
FOR
ANIMAL HUSBANDRY EXTENSION
IN
NORTH CAROLINA

L. I. Case,
In Charge Animal Husbandry Extension

Jack Kelley,
Animal Husbandry Extension Specialist

1948 PLAN OF ANIMAL HUSBANDRY EXTENSION WORK

IN

NORTH CAROLINA

I. Analysis of Project Situation

Livestock has not contributed as much to the cash income of farmers in North Carolina in the past as is required for a balanced agriculture. Three crops, tobacco, peanuts and cotton, occupy only 23 per cent of the crop land, but return 80 per cent of the total cash income.

Tobacco and peanut allotments are to be reduced in 1948 and indications are that the income from these two crops may be cut one-third. This shows the importance of increasing the cash income from livestock if North Carolina is to have a balanced agriculture and maintain her present prosperity. Livestock is needed not only as a source of cash income, but as food since this State produces only half of the meat needed.

One of the big handicaps in livestock production has been the shortage of home grown feed. This situation is being improved since the average yield of corn has been increased about 50 per cent in the last three years and pastures are being seeded and improved.

In addition to problems mentioned there is the need for improved markets and more high producing animals with superior performance records.

II. Major Problems

1. Inadequate feed for our present livestock population, not to mention a needed increase.
2. Shortage of animals with superior performance records.
3. Improper control of parasites and diseases.
4. Too low production of home grown meat animals to furnish an adequate diet for our farm families.
5. Improper curing of meats on farms, resulting in a high percentage of loss.
6. Poor managerial practices for most economical production.
7. Inadequate processing plants, marketing facilities and methods.
8. *Too much corn sold rather than fed to hogs and cattle.*

III. Numerical Goals For 1948

In order that each county in the State could have a definite plan of work for the year a brief outline of Animal Husbandry Projects was prepared Exhibit A as shown on pages 3, 4, and 5. This outline was used as a guide by each county agent assisted by the district agent in preparing his county Plan of Work for 1948. A sample county Plan of Work is shown on pages 6 and 7, Exhibit B.

A summary of Plans of Work showing improved practice and result goals for each Extension District, Exhibit C, is shown on pages 8, 9, 10, 11, 12, 13, 14 and 15.

IV. Outline Maps pages 16 through 28 shows distribution of work contemplated.

Use 1949
Outline

Exhibit A

OUTLINE OF ANIMAL HUSBANDRY PROJECT PLANS FOR 1948⁹

Prepared For County Agents' Consideration

By
Animal Husbandry Extension Specialists.

BETTER SIRES:

It is believed that better sires should be given special emphasis in 1948. Feeder and slaughter cattle, sheep and swine are bringing at least twice as much now as they did prior to the war which necessarily means that the right type of bulls, rams and boars now cost correspondingly more. Apparently many farmers are overlooking this fact and in buying sires at prewar prices are lowering their standards. Therefore, it is believed that better sires should be given special emphasis in 1948. Make as close an estimate as possible of the needs of your county and make definite arrangements to help your farmers secure bulls, rams and boars well ahead of the breeding seasons. List and key placements in Plans of Work as heretofore.

A. BEEF CATTLE: Case

1. Fattening For Market. Adult or 4-H

Adult: This fattening of cattle for home use or for the market is a practical way of marketing surplus feeds and the production of manure for soil building. Record forms are available.
(Result Demonstration)

4-H: This is the project generally spoken of as "Baby Beef". Steer calves fed are intended for a regular organized show and sale. It is an excellent forerunner for a breeding herd and several club members, or former members, have already invested their profits in breeding cattle.
(Result Demonstration)

2. Beef Bull Placement

(Not suitable for Result Demonstration)

3. Herd Management

This project consists of the selection of one or more farms where beef cattle are kept and working closely with the owner or manager. Careful attention and guidance should be given in regard to pastures, both winter and summer, as well as all other phases of breeding, feeding and management. It is suggested that these farms be included on county farm tours and that special meetings be held on them where there is something definite to show in the way of approved practices.

(Not suitable for Result Demonstration)

B. SWINE: Kelley

1. North Carolina Ten Litter Club. Adult and 4-H Club Members

Ear notch pigs at birth. Enter with County Agent. Weigh at eight weeks of age and six months.

(Result Demonstration)

2. 4-H Pig Chain

The Chain is started with eight gilts and a boar. Club members receiving gilts pay price of gilt within one year or return gilt pig out of first litter. List in Plan of Work number of members in Chain.

(Result Demonstration)

3. Brood Sow Project. 4-H Club Members

Start with good grade or purebred gilt.

(Result Demonstration)

4. Fattening For Market. 4-H Club Members

Feed three or more pigs. Enter pigs in Fat Stock Show where possible.

(Result Demonstration)

5. Grazing. Adult and 4-H

Goal: Temporary grazing crops on all farms where hogs are grown.

(Not suitable for Result Demonstration)

6. Placement of Purebreds

(Not suitable for Result Demonstration)

7. Production Testing. For Purebred Breeders

Enter with National Record Association. Weigh pigs at 56 days of age. Requirement 275 pounds for gilt-litter, 320 pounds for sow's litter.

(Result Demonstration)

C. SHEEP: Case

1. Flock Management

This is similar to the herd management project with cattle. One or more farms where a commercial flock of sheep is kept to be given careful supervision. Attention should be paid to proper feeding the year around, breeding, management and parasite control. Also proper shearing and tying of the wool. When possible both lambs and wool should be sold cooperatively and the lambs graded. These farms should be included on county farm tours and special meetings held on them when there is something definite to show in the way of approved practices. A record should be kept on special forms prepared for that purpose.

(Result Demonstration)

2. Sheep Club (Market Lambs) 4-H Club Members

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.

(Result Demonstration)

D. WORK STOCK: Case

1. 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. This project has proven very popular in many counties in the State and may well be considered for every county. Estimate number of work animals to be examined.

(Result Demonstration)

2. Stallion or Jack Placement

(Not suitable for Result Demonstration)

NAME OF SPECIALIST REQUESTED AND DESCRIPTION OF WORK FOR WHICH NEEDED

Name	Month	Project and Activities for Which Needed
L. I. Case	Jan. March June Sept.	4-H Baby Beef
Jack Kelley	April Oct.	4-H Pig club Production testing

NORTH CAROLINA EXTENSION SERVICE

LINE OF WORK ANIMAL HUSBANDRYPLAN OF WORK, 19 48GUILFORD COUNTY

KEY	TYPE OF WORK PLANNED	TOTAL WORK PLANNED	RESULT DEM.	DISTRIBUTION OF TOTAL WORK PLANNED													
				DESCRIPTION	NO.	NO.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.
B-6	Placement of Purebred	AD.	10		2	2	2	2	1	1							
		4-H															
B-7	Production Testing	AD.	1	1	S-1										C-1		
		4-H															
C-1	Flock Management	AD.	4						2	2							
		4-H															
D-1	Workstock Clinics	AD.	200	5	20	SCS-150	20	5									
		4-H															
		AD.															
		4-H															
		AD.															
		4-H															

Exhibit B Cont'd.

EXTENSION PROCEDURE		TOTAL NO.	DISTRIBUTION													
			DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.		
FARM AND HOME VISITS	AD.															
	4-H															
MEETINGS PLANNED	AD.															
	TRAINING VOLUNTARY LEADERS	4-H														
	METHOD DEMONSTRATION	AD.														
		4-H														
	RESULT DEMONSTRATION	AD.														
	OTHER	4-H														
NO. VOLUNTEER LEADERS TO ASSIST	AD.															
	4-H															
	NO.															
CIRCULAR LETTERS	COPIES															
RADIO PROGRAMS	NO.															
NEWS ARTICLES	NO.															
TOURS	NO.															
	AD.															
RESULT DEMONSTRATION RECORDS TO SECURE	4-H															
DAYS REQUESTED OF SPECIALISTS	AD.															
(EXPLAIN IN DETAIL ON REVERSE SIDE)	4-H															
	AD.															
DAYS AGENTS TO DEVOTE.	4-H															

- 7 -

NAME OF SPECIALIST REQUESTED AND DESCRIPTION OF WORK FOR WHICH NEEDED

Name	Month	Project and Activities for Which Needed

Exhibit C

ANIMAL HUSBANDRY

SUMMARY OF 21 COUNTY AGENTS 1948 PLANS OF WORK

Northeastern District

COUNTY	BEEF CATTLE						SWINE					SHEEP		WORK STOCK		
	Fattening for Market	Purebred Bull Placement	Herd Management	Ton Litter	Brood Sow	Fattening for Mkt.	Crazing	Placement of Purebred	Production Testing	Flock Management	Sheep 4-H Club	Ram Placement	Clinics	Stallion or Jack Placement	Days Agents to Devote	Records to Secure
Beaufort	Ad	12	8	5	10		100	5		1		400				
	4H	12			6	25	40			3						
Bertie	Ad		2	2	4		100		3				4			
	4H				6	6	6									
Camden	Ad						10									
	4H	20														
Chowan	Ad		1	1	1	4		5	4							
	4H	3			1			5	2							
Currituck	Ad						50		1							
	4H	6				5	15									
Dare	Ad			6			50	3								
	4H							5								
Edcombe	Ad			10	5		50	20	2	4			2			
	4H	12				5	2	10								
Gates	Ad				6								6			
	4H	4			4	3	4									
Greene	Ad	1		4	4		40	10	2							
	4H	10					19	90								
Halifax	Ad															
	4H	3														
Hertford	Ad		2		3			25					10			
	4H	1			1	5	3	3								
Hyde	Ad	3							4			5				
	4H						8	6								
Martin	Ad	10	3	4	4	2	15						10			
	4H	20			12	8	40									
Nash	Ad			5	1		200		2				150			
	4H	10			1	10	15									
Northampton	Ad		4	6				75	25	4						
	4H					23		10								
Pasquotank	Ad	2	6	5	2		17	15	16	2	1		150			
	4H	17				18		25	5							
Perquimans	Ad	3						10								
	4H	7				10	3									
Pitt	Ad	3	1	5	1		300	20	2	5						
	4H	5			1	15	58	1	15							
Tyrrell	Ad		2	4	10		2	30	8				3			
	4H	2			6	13	8		3			4				
Washington	Ad		5	5				7			2		5			
	4H							2			1					
Wilson	Ad		5	2	2			10	4							
	4H	6					8									
TOTALS	Ad	34	39	64	53	6	44	1047	135	22	13	8	737			
	4H	138			43	178	243	101	35	1	4	4				

ANIMAL HUSBANDRY

SUMMARY OF 20 COUNTY AGENTS 1948 PLANS OF WORK

Southeastern District

COUNTY	BEEF CATTLE					SWINE					SHEEP		WORK STOCK			
	Fattening for Market	Purebred Bull Placement	Herd Management	Ton Litter	Brood Sow	Fattening for Mkt.	Grazing	Placement of Purebred	Production Testing	Flock Management	Sheep 4-H Club	Ram Placement	Clinics	Stallion or Jack Placement	Days Agents to Devote	Records to Secure
Bladen	Ad 4 4H 3												20			
Brunswick	Ad 6 4H				13		125	12								
Carteret	Ad 4H		15				300	15					1			
Columbus	Ad 4H	10	15				50	50	5							
Craven	Ad 4H	3		3			50	5					30			
Cumberland	Ad 4H			1			9	10	19	1						
Duplin	Ad 4H				2	25	25	52			2					
Harnett	Ad 4H	11				15	165			2						
Hoke	Ad 4H	30				60	150		5				150			
Johnston	Ad 4H			3			40	20					100			
Jones	Ad 4H	4				18	25	16	10							
Lenoir	Ad 4H	110	4	10			1430	1430	5	8			12			
New Hanover	Ad 4H	60				126	60	237	8	6			10			
Onslow	Ad 4H	3		1	8		5	100	4	4	3					
Pamlico	Ad 4H	6			4	40	10	35		2						
Pender	Ad 4H	6	2	6			125	6	1				18			
Robeson	Ad 4H	20				25	30	55								
Sampson	Ad 4H															
Scotland	Ad 4H					7		4								
Wayne	Ad 4H		2	3		15	70	40	1							
TOTALS	Ad 4H	149 183	43 1	98 1	41 23	23 493	1450 649	215 589	150 21	41 1	4 4		542			

ANIMAL HUSBANRY

SUMMARY OF 19 COUNTY AGENTS 1948 PLANS OF WORK

Western District

COUNTY	BEEF CATTLE					SWINE					SHEEP		WORK STOCK				
	Ad	Fattening for Market	Purebred Bull Placement	Herd Management	Ton Litter	Brood Sow	Fattening for Mkt.	Grazing	Placement of Purebred	Production Testing	Flock Management	Sheep 4-H Club	Ram Placement	Clinics	Stallion or Jack Placement	Days Agents to Devote	Records to Secure
Allegheny	Ad	10				20	30	5	5		70			100			
	4H	10				20	30	5	5		70			100			
Ashe	Ad	2	25	50							50			200			
	4H	2	25	50							50			200			
Avery	Ad		4	1										9			
	4H		4	1										9			
Buncombe	Ad	3				8				1				6			
	4H	3				8				1				6			
Burke	Ad	20				12											
	4H	20				12											
Cherokee	Ad	2	4	3										2			
	4H	2	4	3										2			
Clay	Ad	4		1		3								40			
	4H	4		1		3								40			
Graham	Ad		1	6				10						80			
	4H		1	6				10						80			
Haywood	Ad		15	5										250			
	4H		15	5										250			
Henderson	Ad	18				8								10			
	4H	18				8								10			
Jackson	Ad	2	1			10								9			
	4H	2	1			10								9			
Madison	Ad	4		5				70			6			9			
	4H	4		5				70			6			9			
McDowell	Ad	12						55	8					4		2	
	4H	12						55	8					4		2	
Mitchell	Ad			5		2	4							220			
	4H			5		2	4							220			
Swain	Ad	2	50	15	1	8		20	4		6			4			
	4H	2	50	15	1	8		20	4		6			4			
Transylvania	Ad	2		2		25		1						6			
	4H	2		2		25		1						6			
Watauga	Ad	2	10	1		12				2				80			
	4H	2	10	1		12				2				80			
Yancey	Ad	4				5	20							4			
	4H	4				5	20							4			
TOTALS	Ad	22	172	112	1	25	206	14	3	74				1228			
	4H	22	172	112	1	25	206	14	3	74				1228			

ANIMAL HUSBANRY

SUMMARY OF 20 COUNTY AGENTS 1948 PLANS OF WORK

Northwestern District

COUNTY	BEEF CATTLE				SWINE				SHEEP		WORK STOCK				
	Fattening for Market	Purebred	Bull Placement	Herd Management	Ton Litter	Brood Sow	Fattening for Mkt.	Grazing Placement of Purebred	Production Testing	Flock Management	Sheep 4-H Club	Ram Placement	Clinics	Stallion or Jack Placement	Days Agents to Devote
	Ad		4	1				5	4	1	15				
Alamance	4H	12				11	3								
	Ad			1			33								
Caswell	4H	4					12								
	Ad		4	4			40	12							
Chatham	4H	11				28	16	28							
	Ad		2	5			10	12							
Davidson	4H	23				20	20	10							
	Ad	2	5	5	1			4	1						
Durham	4H	15			1	16	78			1	1				
	Ad	2	30	30	3					7					
Forsyth	4H	30			1	16	44	70							
	Ad	5	4				50	8							
Franklin	4H	20	2		2	36	146	4							
	Ad			6										60	
Granville	4H	8	3			5	8	18							
	Ad	6	10	20				10	1	4				5	
Guilford	4H	55		2		16	50	40							
	Ad		4	4				20							
Orange	4H	25				20	35	20							
	Ad								1	1					
Person	4H	10				30	15	10							
	Ad		10							5					
Randolph	4H	5					5								
	Ad	10						50							
Rockingham	4H	7				40		32							
	Ad													40	
Stokes	4H	4				2	16								
	Ad		5	8				5							
Surry	4H	25				25		12	15	5					
	Ad	25		4				60		5				1	
Vance	4H	3				26									
	Ad	25	8	10				100	40						
Wake	4H	25				35	25								
	Ad		5						10					200	
Warren	4H	5				12				4					
	Ad		10												
Wilkes	4H	22				5	20								
	Ad	8	4					20							
Yadkin	4H	25						10							
	Ad														
	4H														
TOTALS	Ad	83	88	108	4		83	305	105	11	30			306	
	4H	334	5	2	4	343	462	253	51	6	5	1			

ANIMAL HUSBANDRY

SUMMARY OF 20 COUNTY AGENTS 194 g PLANS OF WORK

Southwestern District

COUNTY	BEEF CATTLE					SWINE					SHEEP		WORK STOCK				
	Fattening for Market	Purebred	Bull Placement	Herd Management	Ton Litter	Brood Sow	Fattening for Mkt.	Crazing	Placement of Purebred	Production Testing	Flock Management	Sheep 4-H Club	Ram Placement	Clinics	Stallion or Jack Placement	Days Agents to Devote	Records to Secure
Alexander	Ad 4		2			12								1			
Anson	Ad 19		14				25	24	9		8			4			
Cabarrus	Ad 14								8	8							
Caldwell	Ad 1	2	2	1				6	6	2	1			6			
Catawba	Ad 8			1		25	24	20	6	2							
Cleveland	Ad 30					40			8								
Cleveland	Ad 25	10	30					100	10								
Davie	Ad 20					50		10									
Davie	Ad 6		1	3						1				2			
Gaston	Ad 3					20		2	8	2							
Gaston	Ad 19					76	75	12		2							
Iredell	Ad 15	12	45						15					32			
Iredell	Ad 30					30		15			10						
Lee	Ad 3						10	10	3								
Lee	Ad 10		84			4		4									
Lincoln	Ad 16					55											
Lincoln	Ad 3	3						8									
Mecklenburg	Ad 16					16		5									
Mecklenburg	Ad 2	3				8				4	4			5			
Montgomery	Ad 50																
Montgomery	Ad 25									3	3			50			
Moore	Ad 6					15		10									
Moore	Ad 4	7						15						100			
Polk	Ad 8					10	38	5									
Polk	Ad 2	3							4					50			
Richmond	Ad 12					23											
Richmond	Ad 10		30							2							
Rowan	Ad 4					8	37										
Rutherford	Ad 8		4														
Rutherford	Ad 6	5				47		30									
Stanly	Ad 20							50	25	2							
Stanly	Ad 6	1				70		20									
Union	Ad 1		1			36	60	15	1								
Union	Ad 1							12	2								
TOTALS	Ad 88	43	246	2	8		248	110	11	11	7			250			
	4H 233			2	420	354	67	95	6		10						

ANIMAL HUSBANDRY

SUMMARY OF NEGRO COUNTY AGENTS 194 8 PLANS OF WORK

Northeastern District

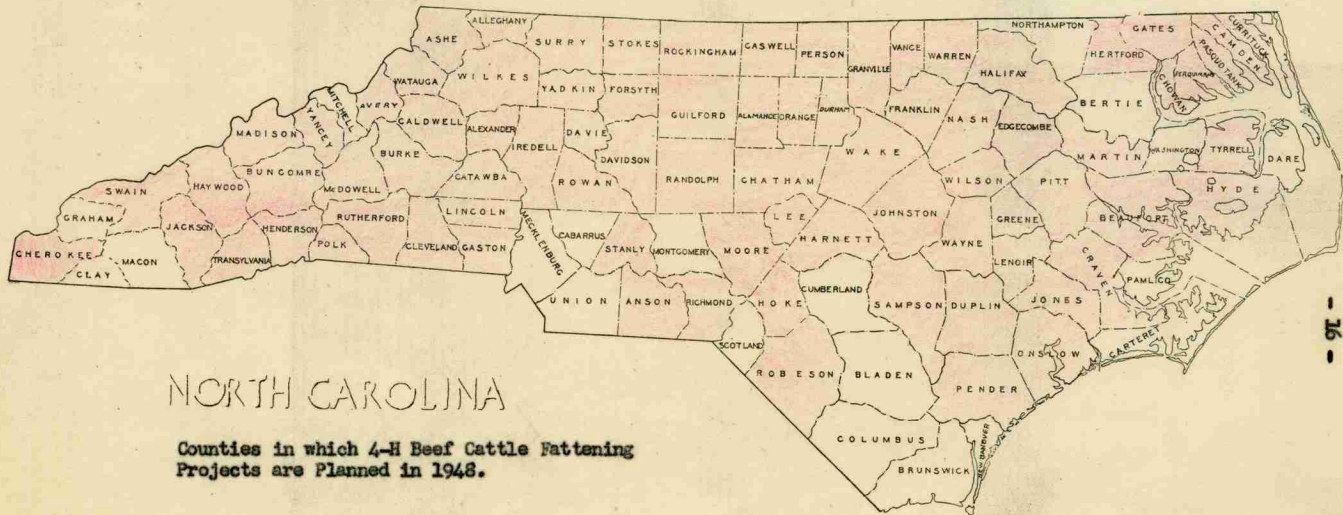
COUNTY	BEEF CATTLE				SWINE				SHEEP			WORK STOCK			
	Fattening for Market	Purebred Bull Placement	Herd Management	Ton Litter	Brood Sow	Fattening for Mkt.	Grazing Placement of Purebred	Production Testing	Flock Management	Sheep 4-H Club	Ram Placement	Clinics	Stallion or Jack Placement	Days Agents to Devote	Records to Secure
Beaufort	Ad 4H			1	3	9	1	5							
Bertie	Ad 4H				10		100	4							
Chowan	Ad 4H					2	23								
Edgarcombe	Ad 4H	10			1	4	45	100							
Franklin	Ad 4H	7				6	8	6							
Gates	Ad 4H	18		2		1	1	20	10			1			
Halifax	Ad 4H			2		1	1		3						
Hertford	Ad 4H	1		2	10		60	5							
Martin	Ad 4H					9	24	6							
Nash	Ad 4H						260	15							
Northampton	Ad 4H					28	196	16							
Pasquotank	Ad 4H								270	10		150			
Perquimans	Ad 4H					8	38								
Pitt	Ad 4H	12					15								
Vance	Ad 4H	2						30							
Warren	Ad 4H				1							1			
Wilson	Ad 4H					3	4	2					4		
TOTALS	Ad 4H	19	1	3	6	9	66	767	83			161			
	Ad 4H	31		10	148	302	230	53				5			

ANIMAL HUSBANDRY

SUMMARY OF NEGRO COUNTY AGENTS 1948 PLANS OF WORK

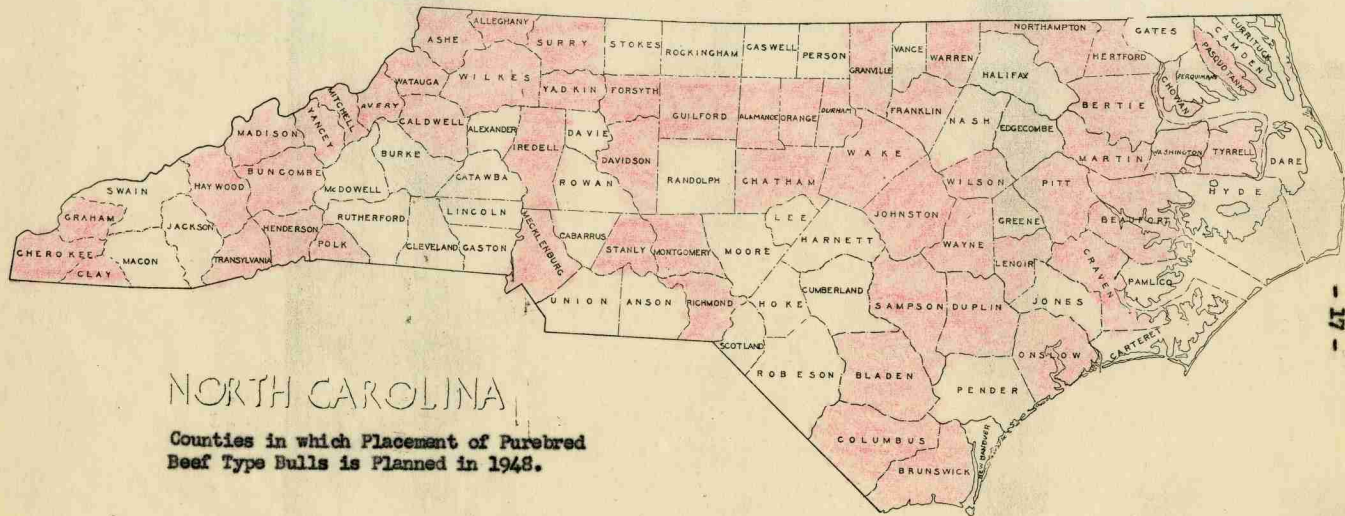
Northwestern District

COUNTY	BEEF CATTLE				SWINE				SHEEP			WORK STOCK			
	Fattening for Market	Purebred Bull Placement	Herd Management	Ton Litter	Brood Sow	Fattening for Mkt.	Grazing Placement of Purebred	Production Testing	Flock Management	Sheep 4-H Club	Ram Placement	Clinics	Stallion or Jack Placement	Days Agents to Devote	Records to Secure
Alamance	Ad				25	20	10	5							
	4H				8	25	4	10					1		
Anson	Ad				4		3								
	4H				2	6	2	6							
Caswell	Ad			7			12	5							
	4H			10	5		5								
Chatham	Ad														
	4H														
Cleveland	Ad				20		20								
	4H														
Durham	Ad			5		5									
	4H			10	5										
Granville	Ad						1								
	4H				6		1								
Guilford	Ad						20	10				4			
	4H				11	10		4							
Iredell	Ad				4	5	4	3							
	4H						4	3							
Mecklenburg	Ad	1				16	4	5							
	4H														
Orange	Ad				2					2					
	4H	22													
Person	Ad				100		300					100			
	4H				9	65									
Richmond	Ad						100	5				50			
	4H				10		50	1							
Rockingham	Ad				16		11	3							
	4H					7	21								
Rowan	Ad					15	5					30			
	4H				4	60	10								
Union	Ad							3				3			
	4H				4										
TOTALS	Ad				12	145	56	471	39		2		188		
	4H	22			20	97	192	76	44						



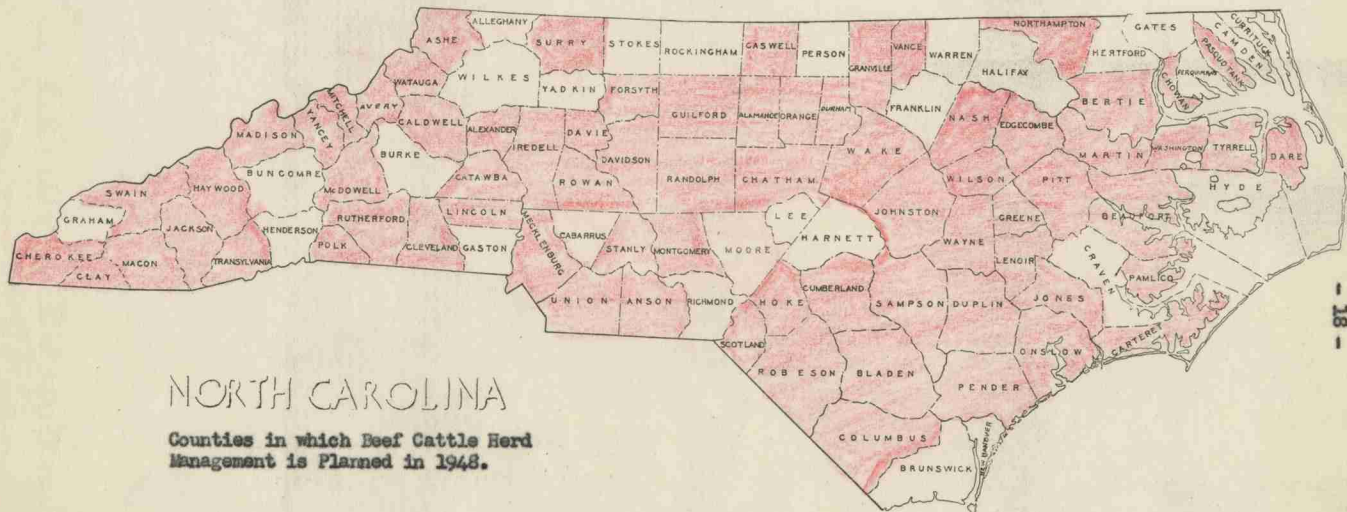
NORTH CAROLINA

**Counties in which 4-H Beef Cattle Fattening
Projects are Planned in 1948.**



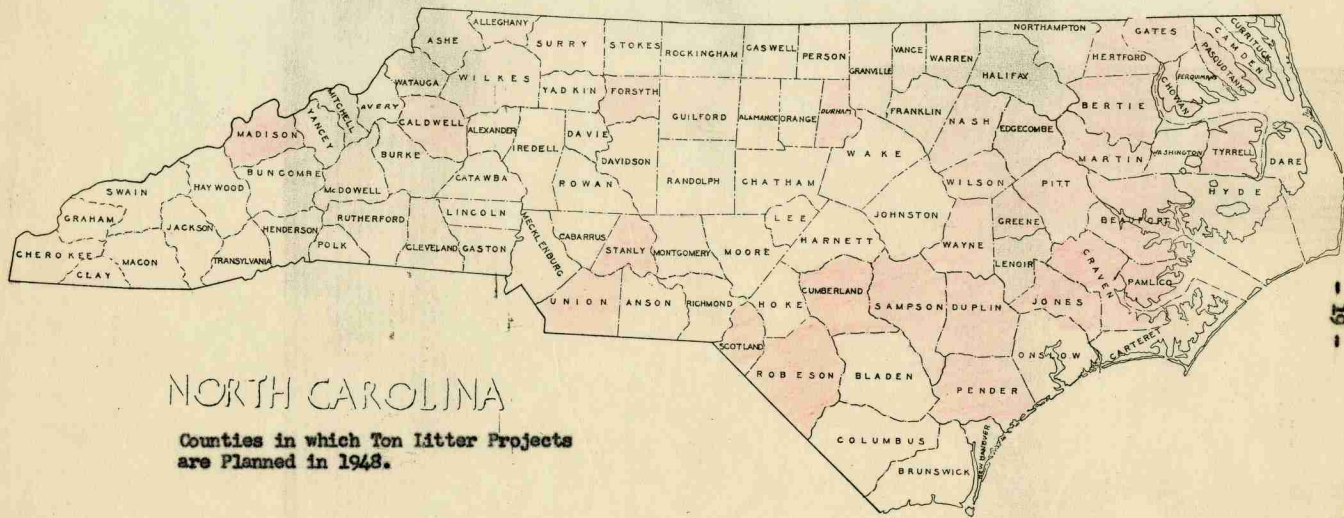
NORTH CAROLINA

Counties in which Placement of Purebred Beef Type Bulls is Planned in 1948.



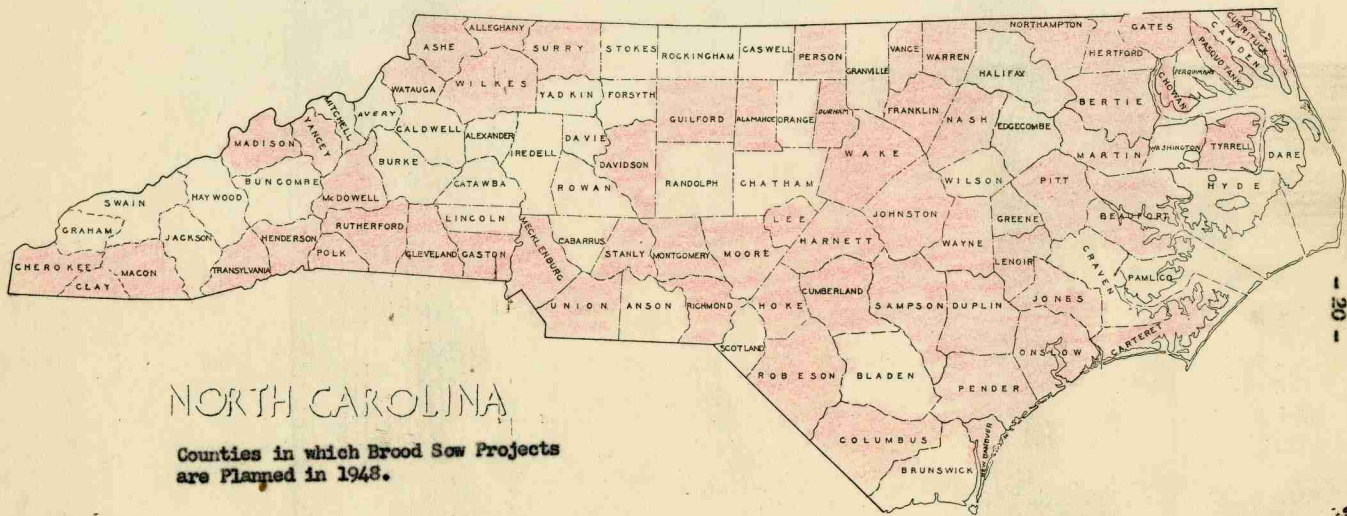
NORTH CAROLINA

Counties in which Beef Cattle Herd Management is Planned in 1948.



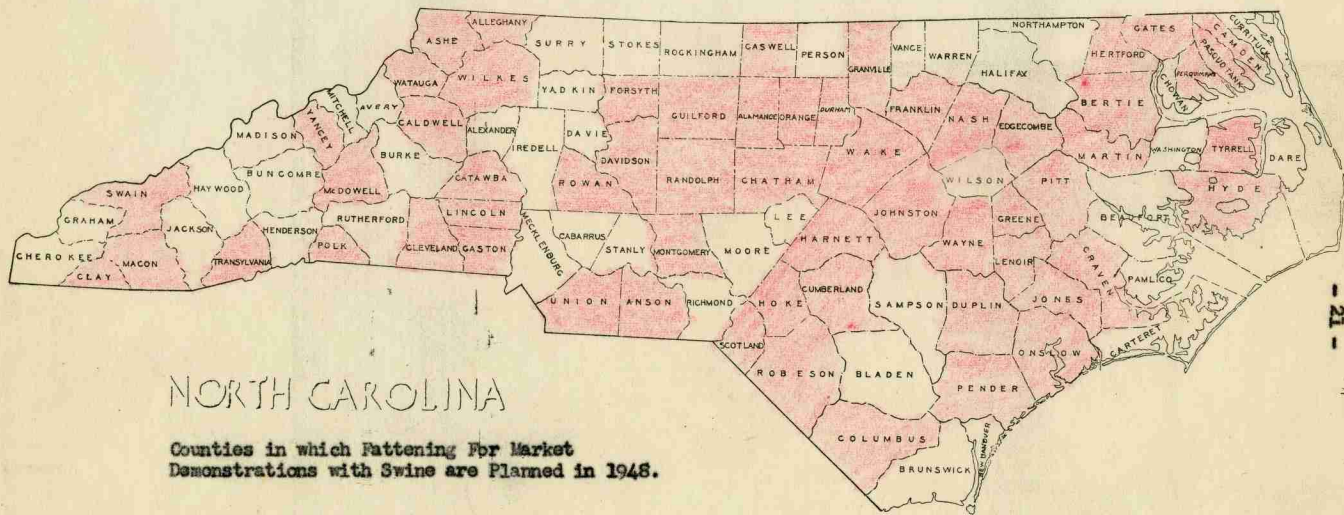
NORTH CAROLINA

Counties in which Ton Litter Projects
are Planned in 1948.



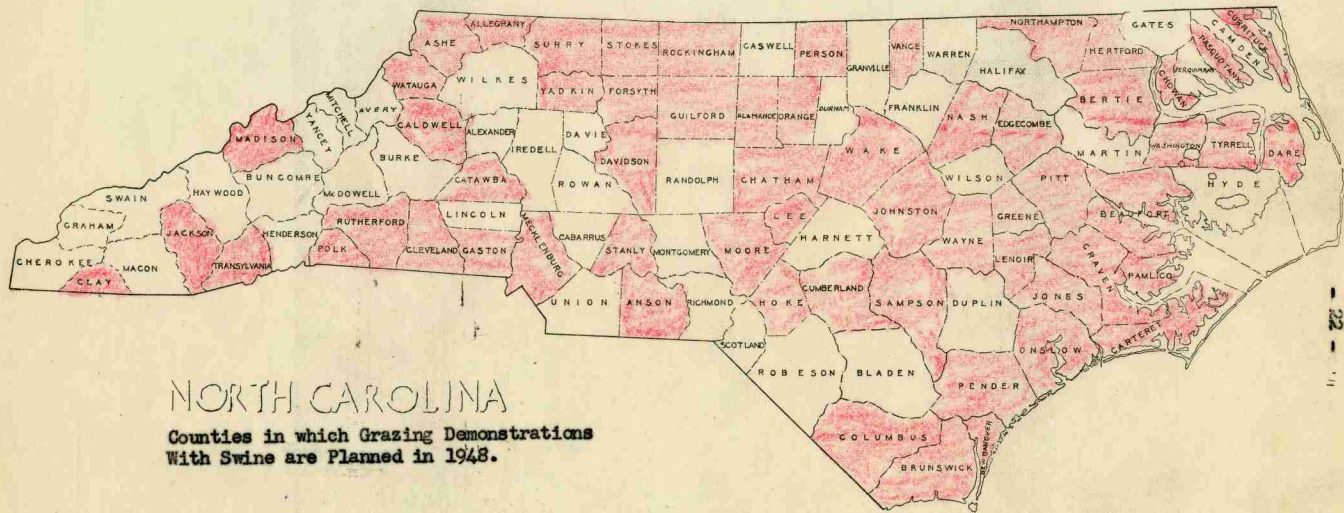
NORTH CAROLINA

Counties in which Brood Sow Projects
are Planned in 1948.

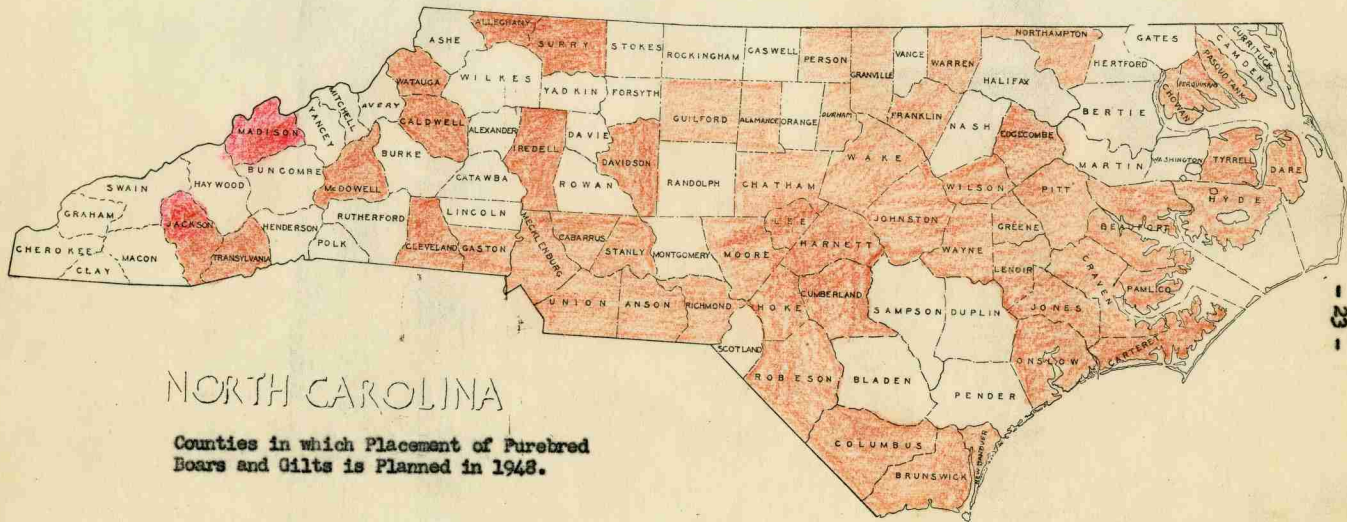


NORTH CAROLINA

Counties in which Fattening For Market
 Demonstrations with Swine are Planned in 1948.

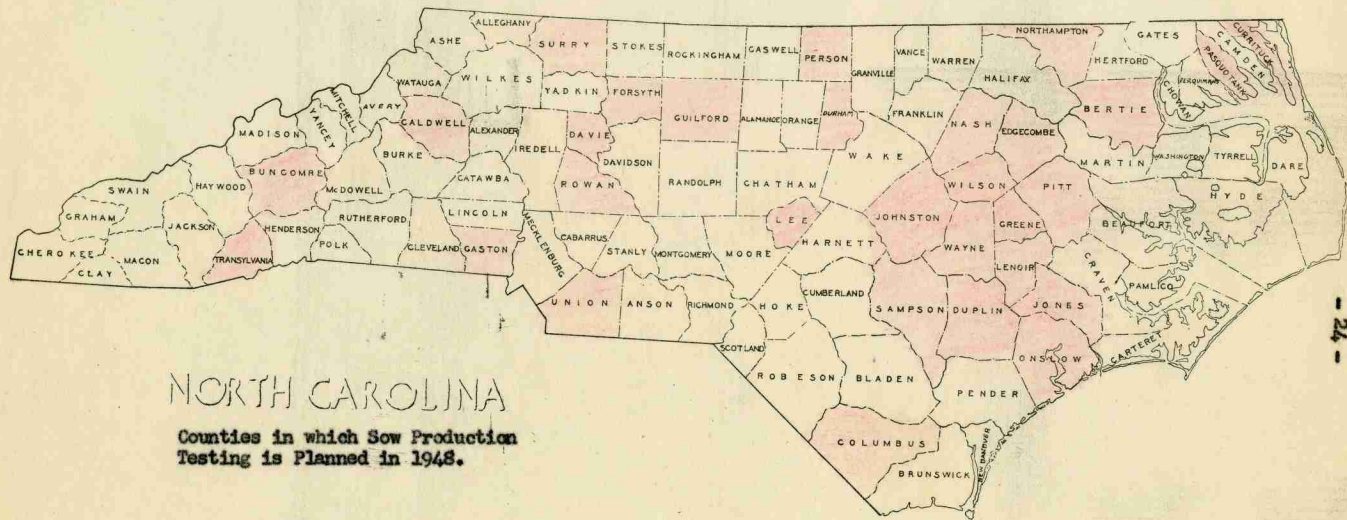


NORTH CAROLINA
 Counties in which Grazing Demonstrations
 With Swine are Planned in 1948.

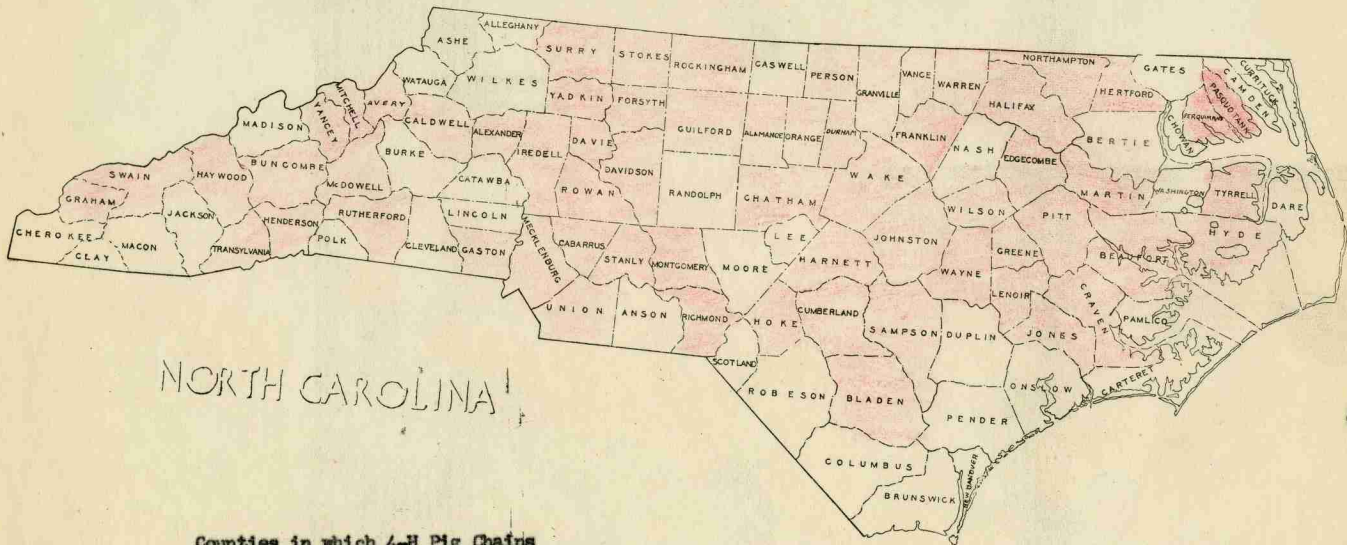


NORTH CAROLINA

Counties in which Placement of Purebred
Boars and Gilts is Planned in 1948.

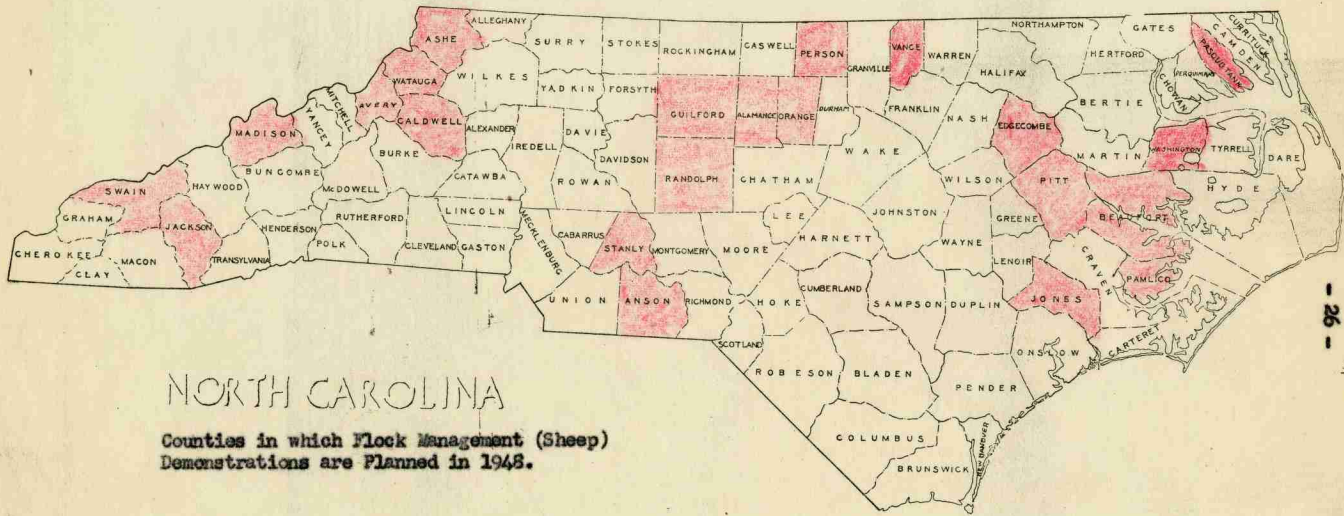


NORTH CAROLINA
 Counties in which Soy Production
 Testing is Planned in 1948.



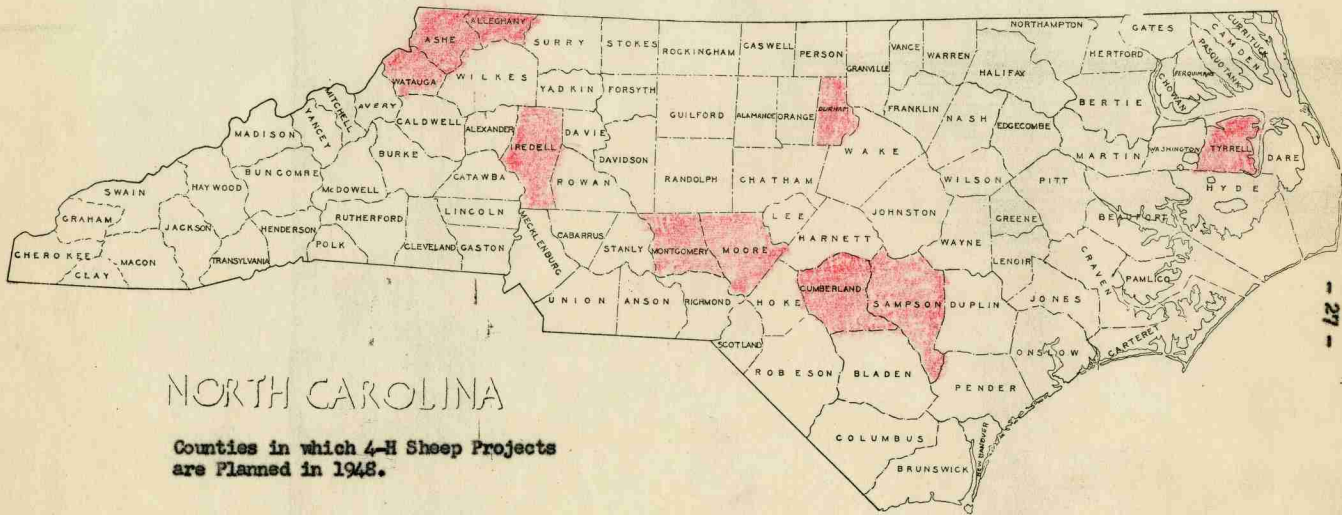
NORTH CAROLINA

Counties in which 4-H Pig Chains
are Planned in 1948.



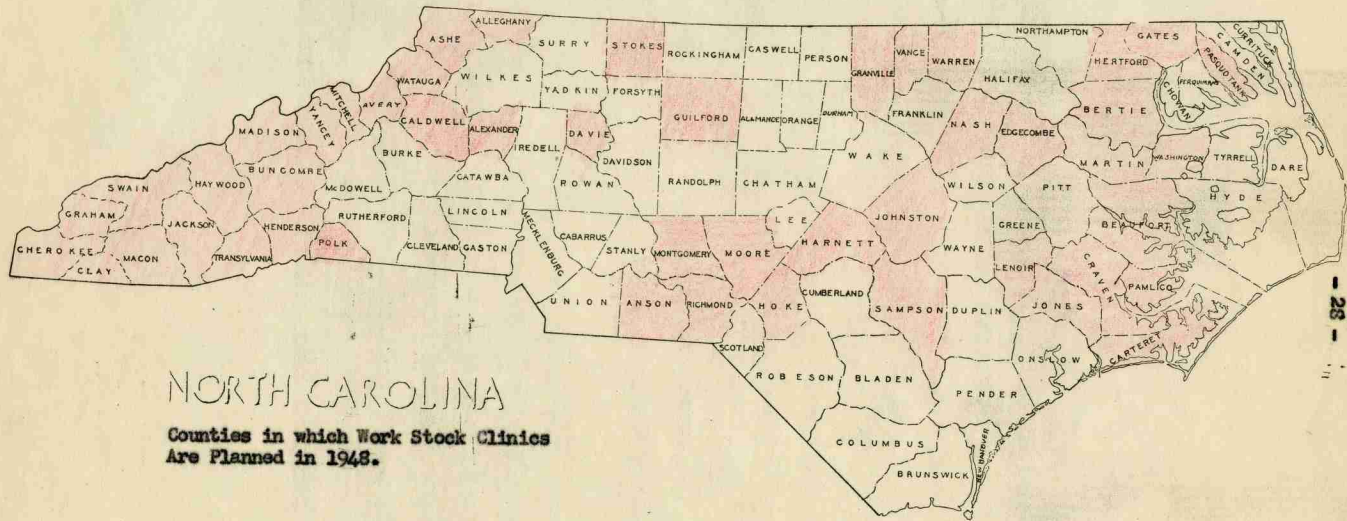
NORTH CAROLINA

Counties in which Flock Management (Sheep)
Demonstrations are Planned in 1948.



NORTH CAROLINA

Counties in which 4-H Sheep Projects
are Planned in 1948.



NORTH CAROLINA

Counties in which Work Stock Clinics
Are Planned in 1948.

V. Method of Procedure

see yellow sheet

The most important method to be used in trying to get recommended practices adopted will be by demonstrations. Method demonstrations will be given in grading lambs, wool, beef cattle and hogs. Sheep shearing schools will be conducted to teach agents and farmers the best method of shearing and preparing wool for market. Meat cutting and curing schools are badly needed but it is not possible to hold them due to shortage of personnel. Result demonstrations will be used to teach the county agents and farmers recommended practices in growing and marketing of livestock. Meetings will be held at the Result Demonstrations so that livestock growers can observe results obtained.

The press, radio, circular letters, bulletins, and other printed information will be used to keep the people informed in regard to recommended practices.

Breed Associations will be used to help in promoting the use of good purebred animals. Fat Stock Shows and livestock shipping associations will be used as a method of teaching the production of better livestock.

Type Conferences with beef cattle, sheep and hogs will be held for the purpose of teaching county agents, agricultural teachers, farmers and 4-H Club boys the accepted type.

VI. Cooperation

<u>State, Federal and Other Specialists or Agencies that will Cooperate</u>	<u>Cooperation to be Given and/or Received</u>
1. Extension Specialists in Agronomy	Pasture and feed production
2. Extension Specialists in Agri. Eng.	Farm Buildings and Equipment
3. Extension Specialists in Farm Management	Records of Livestock Enterprises
4. Extension Specialists in Forestry	Forest Grazing
5. Extension Specialists in Marketing	Marketing Livestock
6. Extension Specialists in Entomology	Parasite Control
7. 4-H Club Department	4-H Club Livestock Projects
8. State and County Veterinarians	Livestock Disease and Parasite Control
9. Agri. Agents of Railroad Companies	Livestock Development
10. National & State Livestock Breed Assos.	Promotion of Purebred Livestock
11. Plant Food Institute	Pasture and Feed Production
12. Southeastern Chain Store Council	Livestock Development & Marketing
13. Agri. Production & Marketing Adm.	Livestock Production and Marketing
14. Farmers' Home Adm.	Livestock Production and Marketing
15. Soil Conservation Service	Pasture and Hay Production
16. Bureau of Animal Industry	Information
17. Bureau of Agricultural Economics	Information
18. Bureau of Plant Industry	Information
19. Vocational Agriculture	Assist with F.F.A. & Veteran's Projects
20. Federal Ext. A.H. Specialists	Information on new and better means of carrying on work.
21. Agri. Development Agents of Sears & Roebuck, Railroads, and Power Companies	Livestock Development and Marketing
22. N.C. State Dept. of Agriculture	Livestock Marketing

VII. Publications, Visual and Other Teaching Aids

Materials Available for Use in 1948:

Raising Beef Cattle in North Carolina, Extension Circular No. 268

Fattening Cattle for Market (Revised) Extension Circular No. 217

4-H Baby Beef Production, Club Series No. 48

~~Native Forage Plants in North Carolina, Exp. Station Bulletin No. 353~~

The Farm Pork Supply in North Carolina, Extension Circular No. 262

Raising Hogs in North Carolina, Extension Circular No. 265

4-H Pig Club Manual, Extension Club Series No. 4

Graze Hogs for 12 Months, Extension Folder No. 67

Raise 'Em Right, R. J. Reynolds Motion Picture

4-H Sheep Club Manual, Extension Club Series No. 30

Control of Internal Parasites in Sheep, Extension Circular No. 61

~~Sheep Raising in North Carolina, R. J. Reynolds Motion Picture~~

Blue Prints of barns, equipment for beef cattle, sheep, swine and work stock.

U.S.D.A. Publications on related subjects

Materials to be Prepared in 1948:

~~Livestock Judging for 4-H Club Members, Extension Circular~~

Raising Sheep in North Carolina, Extension Circular

~~Simple Hog Lot Equipment, Extension Circular~~

North Carolina Ton Litter Project, Extension Leaflet

Timely News and Radio Releases

Slides

club series #4
Revise - Swine Production manual for 4-H club members
Revise - Baby Beef Production " " "
Revise - Ext. Cir #268 - Raising Beef Cattle in North Carolina

VII
VIII. Calendar of Work

A PLAN OF SPECIALISTS' WORK AT THE STATE LEVEL

Line of work Animal Husbandry

1948

List the number of days required by months for each type of work

Write in month and specialist's name under each month	Preparation of bulletins	Preparation of educational materials	Preparation of news and radio material	Conferences in state and out of state	Training schools	Office conferences and correspondence	Preparing your plan of work	Preparing your annual report	Days allotted to Field Work	Annual leave and Holidays	Unallotted office time	Total days for month
DECEMBER:												
L. I. Case				1		5	4		9	6	2	27
Jack Kelley				4		4	4		5	7	3	27
JANUARY:												
L. I. Case						4		6	17			27
Jack Kelley	1					4		6	14		2	27
FEBRUARY:												
L. I. Case				1		4			17		2	24
Jack Kelley			1	1		4			14		4	24
MARCH:												
L. I. Case			1	1	3	6			14		2	27
Jack Kelley				1		3			23			27
APRIL:												
L. I. Case				1		5			20			26
Jack Kelley				1		5			20			26
MAY:												
L. I. Case				1		5			18		2	26
Jack Kelly				1		5			20			26

A PLAN OF SPECIALISTS' WORK AT THE STATE LEVEL

Line of work Animal Husbandry

194 8

List the number of days required by months for each type of work

Write in month and specialist's name under each month	Preparation of bulletins	Preparation of educational materials	Preparation of news and radio material	Conferences in state and out of state	Training schools	Office conferences and correspondence	Preparing your plan of work	Preparing your annual report	Days allotted to Field Work	State Fair	Annual leave and Holidays	Unallotted office time	Total days for month
JUNE:													
L. I. Case			1	2	2	6			10			5	26
Jack Kelley				2	2	6			14			2	26
JULY:													
L. I. Case			2	2	6	6			4			7	27
Jack Kelley			1	2	6	4			6		6	2	27
AUGUST:													
L. I. Case		1		8		6			5			6	26
Jack Kelley		1		8		6			5			6	26
SEPTEMBER:													
L. I. Case				6		3			11		6		26
Jack Kelley				6		4			12			4	26
OCTOBER:													
L. I. Case						5			12	6		3	26
Jack Kelley						6			11	6		3	26
NOVEMBER:													
L. I. Case		1	1	7		7			4		1	5	26
Jack Kelley		1	1	7		6			3		1	7	26

A PLAN OF SPECIALIST'S WORK AT THE COUNTY LEVEL

Line of work Animal Husbandry

194 8

Based Primarily On Requests By County Agents To Be Adjusted As Occasion Demands

Write in counties to be served for the month	Description of work to be done in counties	Days devoted to work by			Total days to county
		L. I. Case or Assistant	Jack Kelley		
DECEMBER:					
Davie	4-H Baby Beef	1			2
Duplin	" " "	1			1
Beaufort	Flock & Herd Management	1			1
Wake	Beef Bull Placement	1			1
Hertford	Ton Litter		1		1
New Hanover	Brood Sow		1		1
JANUARY:					
Henderson	Work Stock Clinics	1			
Watauga	" " "	1			
Carteret	" " "	1			
Haywood	" " "	1			
Buncombe	" " "	1			
Hertford	" " "	1			7
Ashe	" " "	1			
Surry	Herd Management & 4-H	1			
Wake	" " "	1			3
Anson	" " "	1			1
Rowan	Fattening For Market	1			
Cleveland	4-H Baby Beef	1			2
Guilford	" " "	1			
Johnston	Ton Litter		1		2
Pender	" " "		1		1
Transylvania	4-H Pig Club		1		
Cabarrus	Hog Marketing		1		2
Mecklenburg	" " "		1		
FEBRUARY:					
Gates	Work Stock Clinics	1			
Harnett	" " "	1			
Granville	" " "	1			
Richmond	" " "	1			
Bertie	" " "	1			6
Alexander	" " "	1			
Richmond	4-H Baby Beef	1			1

A PLAN OF SPECIALIST'S WORK AT THE COUNTY LEVEL

Line of work Animal Husbandry

1948

Write in counties to be served for the month	Description of work to be done in counties	Days devoted to work by			Total days to county
		L. I. Case or Assistant	Jack Kelley		
FEBRUARY Cont'd.					
Camden	4-H Baby Beef	1			
Transylvania	" " "	1			2
Graham	Bull Placements	1			1
Yancey	Plans For T.V.A. Farms	1			
Henderson	" " " "	1			2
Lenoir	Herd Management	1			
Johnston	" "	1			
Pender	" "	1			
Montgomery	" "	1			4
Orange	4-H Fitting & Showing	1			1
Bladen	4-H Pig Chain		1		
Durham	" " "		1		2
Robeson	Ton Litter		1		
Sampson	" "		1		
Beaufort	" "		1		
Tyrrell	" "		1		
Martin	" "		1		
Cleveland	" "		1		
Anson	" "		1		7
Bertie	Extension School	1			1
Bertie	Grazing	1			1
Wilson	Production Testing	1			1
MARCH:					
Watauga	Docking & Castrating	1			1
Bladen	Work Stock Clinic	1			1
Swain	4-H Baby Beef <i>T.V.A. plans</i>	1			
Guilford	" " "	1			
Harnett	" " "	1			
Franklin	" " "	1			
Durham	" " "	1			5
Edcombe	Fat Stock Show	2	2		4
Haywood	Plans For T.V.A. Farms	1			
Clay	" " " "	1	1		2
Ashe	Plans For Feeder Calf Sale	1			1
Cleveland	Herd Management	1			1

A PLAN OF SPECIALIST'S WORK AT THE COUNTY LEVEL

Line of work Animal Husbandry

1946

Write in counties to be served for the month	Description of work to be done in counties	Days devoted to work by				Total days to county
		L. I. Case or Assistant	Jack Kelley			
MARCH Cont'd.						
Cumberland	Herd Management	1				1
Edgecombe	Ton Litter		1			
Chowan	" "		1			
Scotland	" "		1			
Pasquotank	" "		1			4
Cumberland	4-H Pig Chain		1			
McDowell	" " "		1			
Madison	" " "		1			
Henderson	" " "		1			
Orange	" " "		1			
Graham	" " "		1			
Wacklenburg	" " "		1			
Rowan	" " "		1			
Caldwell	" " "		1			
Vance	" " "		1			11
Hoke	" " "		1			
Stanly	Thrifty Pig		1			
Nash	" "		1			
Columbus	" "		1			3
Caslow	Grazing		1			1
Nash	Hogs For Fat Stock Show		1			1
Jones	Farmers Meeting - March 12		1			1
Duplin	Production Testing		1			1
APRIL:						
Macon x	Herd Management	1				
Avery x	" "	1				
Lincoln x	" "	1				
Rowan x	" "	1				
Nash x	" "	1				5
Avery	Flock Management	1				1
Wilson x	4-H Baby Beef	1				
Chatham x	" " "	1				2
"	Fitting & Showing	1				
Lee x	" " "	1				2
Jackson	Plans For T.V.A. Farms	1				1
Cherokee ✓						

A PLAN OF SPECIALIST'S WORK AT THE COUNTY LEVEL

Line of work Animal Husbandry

194 8

Write in counties to be served for the month	Description of work to be done in counties	Days devoted to work by				Total days to county
		L. I. Case or Assistant	Jack Kelley			
APRIL Cont'd.						
Yancey	4-H Pig Chain		1			
Guilford	" " "		1			
Swain	" " "		1			
Surry	" " "		1			
Wake	" " "		1			
Davidson	" " "		1			
Rutherford	" " "		1			
Union	" " "		1			8
Northampton	Ton Litter		1			
Durham	" "		1			
Greene	" "		1			
Bertie	" "		1			4
Mitchell	Brood Sow		1			
Union	" "		2			
Watauga	" "		1			4
Forsyth	Tamworth Show and Sale		1			1
Iredell	Fat Stock Show and Sale	1				
Edgecombe & Nash	Rocky Mount Fat Stock Show	1	1			
Lenoir	Kinston Fat Stock Show and Sale	3	3			
Harnett	Dunn " " " " "	1				
Johnston	" " " " "	2	2			
Durham	" " " " "	3	3			20
MAY:						
Anson x	Herd Management		1			
Edgecombe x	" "		1			
Stanly x	" "		1			
Rowan x	" "		1			
Union	" "		1			
Madison x	" "		1			6
Madison	Flock "		1			1
Ashe	Sheep Shearing School		1			1
Warren x	Pattening For Market		1			1
Jackson	Plans for T.V.A. Farms		1			1
Richmond	Bull Placement		1			1
Caldwell x	4-H Baby Beef		1			1
Davidson	Fat Stock Show		1			
Forsyth	" " "		1			
Robeson x	" " "		1	1		4

A PLAN OF SPECIALIST'S WORK AT THE COUNTY LEVEL

Line of work Animal Husbandry

1948

Write in counties to be served for the month	Description of work to be done in counties	Days devoted to work by				Total days to county
		I. I. Case or Assistant	Jack Kelley			
MAY Cont'd.						
Pasquotank	Elizabeth City Fat Stock Show	2	2			
Martin	Williamston " " "	1	1			6
Vance	Grazing		1			
Hertford	"		1			2
Gates	Ton Litter		1			1
Buncombe	4-H Pig Show		1			1
Orange	4-H Pig Chain		1			
Lenoir	" " "		1			
Avery	" " "		1			3
Stanly	Brood Sow		1			
Anson	" "		1			
Wilson	" "		1			
Craven	" "		1			4
JUNE:						
Watanga	4-H Lamb Show and Sale	1				1
Washington	Lamb Sale	2				2
Northampton	Herd Management	1				
Greene	" "	1				2
Guilford	Greensboro Fat Stock Show and Sale	1				1
Chatham	4-H Pig Chain		1			
Alamance	" " "		1			
Rockingham	" " "		1			
Stokes	" " "		1			
Caldwell	" " "		1			5
Columbus	Plans for Hog Sale		1			1
JULY:						
Watanga	Lamb Sale & Beef Cattle	1				1
Burke	Herd Management	1				
Stanly	" "	1				
Forsyth	" "	1				3
Johnston	Grazing		1			1
Pamlico	Production Testing		1			
Pender	" "		1			2
Orange	Brood Sow		1			
Lee	" "		1			
Gaston	" "		1			3

A PLAN OF SPECIALIST'S WORK AT THE COUNTY LEVEL

Line of work Animal Husbandry

1948

Write in counties to be served for the month	Description of work to be done in counties	Days devoted to work by				Total days to county
		L. I. Case of Assistant	Jack Kelley			
AUGUST:						
Mitchell	Herd Management	1				1
Cleveland	4-H Baby Beef	1				1
Washington	Flock Management	1				1
Tyrrell	Winter Feeding Plan	1				1
Alamance	Lamb Marketing	1				1
Pertie	Grazing		1			1
Sampson	Production Testing		1			
Hertford	" "		1			
Wilson	" "		1			3
Sampson	Farm Tour		1			1
Forsyth	Plans for National Sale		1			1
SEPTEMBER:						
Watonga	Livestock Show	1				1
Henderson	Western N. C. Fair	1	1			2
Ashe	Feeder Calf Sale	1				1
Wake	Herd Management	3				3
Guilford	4-H Baby Beef	1				
Gaston	" " "	1				2
Johnston	Select Feeder Calves	1				1
Forsyth	Fat Stock Show	1				
Surry	Elkln Fat Stock Show		1			2
Surry	Pig Chain		1			
Cleveland	" "		1			
Wake	" "		1			
Iredell	" "		1			
Cumberland	" "		1			5
Columbus	Purebred Hog Sale	1				1
Greene	Grazing	1				
Onslow	" "	1				2
Rowan	Production Testing	1				
Edgecombe	" "	1				2
Lee	Hog Show		1			1

