

NORTH CAROLINA

Agricultural Extension Service

ANIMAL HUSBANDRY EXTENSION PLAN OF WORK

FOR

1949

<u>Major phases of project or subdivisions of project covered</u>	<u>Name of Worker*</u>	<u>Percentage of time devoted to entire project by each worker</u>
Beef Cattle, Sheep and Work Stock	L. I. Case	100 percent
Beef Cattle and Sheep	Paul Swaffar	100 percent
Swine	Jack Kelley	100 percent

Date Submitted: Jan 28, 1949. Signed: L. I. Case
Project Leader

Date Approved: _____, 194____. Signed: _____
State Director of Extension

Date Approved: _____, 194____. 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.

1949 PLAN OF WORK
FOR
ANIMAL HUSBANDRY EXTENSION
IN
NORTH CAROLINA

L. I. Case,
In Charge Animal Husbandry Extension

Jack Kelley,
Animal Husbandry Extension Specialist

Paul Swaffar,
Animal Husbandry Extension Specialist

Should Feeder Calf ~~the~~ Sales ^(adult +)
be included in Plan of Work For 1950?
HH
prepare + submit to John Crawford
by Sept. 20.

1949 PLAN OF WORK
FOR ANIMAL HUSBANDRY EXTENSION
IN NORTH CAROLINA

I. Analysis of Project Situation

North Carolina has been referred to as a well balanced State. This may be true with reference to agriculture and industry. However, before she is worthy of this title it is felt that she should receive a higher percentage of her agricultural income from livestock in relation to cash crops.

During the past ten years North Carolina moved from 32nd to 30th place in the percentage of cash income from livestock. Furthermore, beef cattle numbers increased 18.8 percent, and cash income from both beef cattle and hogs showed a noticeable increase during that time. These facts indicate quite definitely that progress has been made. However, there is still too much dependence on row crops, and in many sections of the State depleted soil fertility and erosion are in evidence.

Increased corn yields due to better cultural methods and hybrid seeds have presented what some people apparently consider an emergency. Perhaps instead of calling on Uncle Sam to take this surplus off our farmer's hands we should give more thought and action to putting more of our corn through cattle and hogs, thus keeping this fertility on the land.

II. Major Problems

1. Inadequate ~~feed for our present livestock population, not to mention~~ ^{local supply of beef cattle and sheep} ~~a needed increase.~~ ^{to supply the demand.}

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, ^{and} marketing facilities, and methods.

8. Too much corn sold rather than fed to hogs and cattle.

III. Numerical Goals For 1949

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 1949. A sample county Plan of Work is shown on page 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.

1 animal - per farm to
ingress the family diet
can be done on grass
but better if finished
on corn + c.s.m.

adult = We believe a
- 4 - definite place for more
fattening cattle as well as hogs
on surplus corn. *See p. 6. N.C. - Corn & Cash Crop*
606 500 shows
\$158,171.54

1. Fattening for Market (Adult or 4-H Club)

Adult: Fattening 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. Feeding demonstrations, particularly in Eastern North Carolina where some surplus corn and roughages are grown, would be desirable.

(Result Demonstration)

4-H: This project is generally known as "Baby Beef". Steer calves are fed and exhibited at regular organized shows and sales. It is an excellent forerunner for a breeding herd and numerous club members, or former club members, have invested their profits in breeding cattle.

2. Herd Management (Adult or 4-H)

This project consists of selecting one or more farms where beef cattle are kept by either adults or 4-H Club members, 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 improved practices. (Not suitable for Result Demonstration)

3 - See Orig. Sup. Pg. 6

D - SWINE: Jack Kelley

1. North Carolina Ton Litter Club (Adult and 4-H Club)

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

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. Sow Testing Project (Result Demonstration)

The sow testing program is the same as the first part of the ton litter project. The purpose is to test the performance of sows so as to increase production. Purebred breeders should get nomination blanks from their breed association. Ear notch pigs at birth. Enter all litters with county agent and purebred breeders should enter litters with breed association. Weigh at 56 days of age.

E - SHEEP: L. I. Case and ~~Paul Swaffar~~

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)

Records should be included

F - WORK STOCK: L. I. Case and ~~Paul Swaffar~~

1. Clinics

Include

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)

NORTH CAROLINA EXTENSION SERVICE

 LINE OF WORK Animal Husbandry

 PLAN OF WORK, 19 49
EDGECOMBE 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.	NOV.
A	Better Sires	AD.	100							Continuous								
		4-H																
B	Livestock School	AD.	1			1												
		4-H																
C-1	Fattening for Market	AD.																
		4-H		43														
C-2	Herd Management	AD.	10							Continuous								
		4-H																
D-1	Swine Ton Litter	AD.	6	6			S 2	S 2	S 2									
		4-H	2	2				S 1	S 1				G 2	G 2	G 2			
D-2	4-H Pig Chain	AD.																
		4-H	10		2					Continuous								
D-7	Sow Testing Demonstration	AD.	5	5						Continuous								
		4-H																

Exhibit B

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EXTENSION PROCEDURE		TOTAL NO.	DISTRIBUTION											
			DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.
FARM AND HOME VISITS	AD.	134	8	10	12	14	9	10	12	13	8	12	11	15
	4-H	102	6	5	2	6	14	20	16	4	8	8	9	6
MEETINGS PLANNED	AD.													
	4-H													
	AD.	1						1						
	4-H	1						1						
METHOD DEMONSTRATION	AD.													
	4-H													
RESULT DEMONSTRATION OTHER	AD.													
	4-H													
NO. VOLUNTEER LEADERS TO ASSIST	NO.	5		1	1		1				1		1	
	AD.	7					3				4			
CIRCULAR LETTERS	NO.	5			1		1	1		1			1	
	AD.													
RADIO PROGRAMS	COPIES	1100												
NEWS ARTICLES	NO.	7			1	1	1			1	1		1	
TOURS	NO.	12	1		1	1	2		2	1	1	1	1	
	AD.	2							1					
RESULT DEMONSTRATION RECORDS TO SECURE	NO.	17										8	9	
DAYS REQUESTED OF SPECIALISTS (EXPLAIN IN DETAIL ON REVERSE SIDE)	AD.	110										30	40	
	4-H											1	40	
DAYS AGENTS TO DEVOTE	AD.	8			3	2		2						
	4-H													
DAYS AGENTS TO DEVOTE	AD.	70.0	4.0	8.0	7.0	6.0	5.0	5.0	8.0	7.0	5.0	5.0	5.0	
	4-H	35.0	3.0	3.0	1.0	3.0	3.0	3.0	6.0	4.0	2.0	2.0	3.0	

NAME OF SPECIALIST REQUESTED AND DESCRIPTION OF WORK FOR WHICH NEEDED

Name	Month	Project and Activities for Which Needed
L. I. Case	Feb.	Livestock School
Jack Kelley	Feb.	Livestock School
	March	Fat Stock Show
Paul Smaffer	Feb.	Livestock School
	Sept.	Herd Management
Jack Kelley	May	Herd Management Tour
L. I. Case	May	Flock Management

NORTH CAROLINA EXTENSION SERVICE

 LINE OF WORK Animal Husbandry

 PLAN OF WORK, 1949

EDGECOMBS COUNTY

KEY	TYPE OF WORK PLANNED	TOTAL WORK PLANNED	RESULT DEM.	DISTRIBUTION OF TOTAL WORK PLANNED													
				NO.	NO.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.
	DESCRIPTION																
D-4	Fattening For Market	AD.	2				S 1	S 1			C 1	C 1					
		4-H	10	S 10							C 10						
E-1	Flock Management	AD.	10	4						Continuous							
		4-H															
		AD.															
		4-H															
		AD.															
		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	TRAINING VOLUNTARY LEADERS	AD.													
		4-H													
	METHOD DEMONSTRATION	AD.													
		4-H													
	RESULT DEMONSTRATION	AD.													
OTHER	4-H														
NO. VOLUNTEER LEADERS TO ASSIST		NO.													
		AD.													
CIRCULAR LETTERS		4-H													
		NO.													
RADIO PROGRAMS		NO.													
NEWS ARTICLES		NO.													
TOURS		NO.													
RESULT DEMONSTRATION RECORDS TO SECURE		AD.													
		4-H													
DAYS REQUESTED OF SPECIALISTS (EXPLAIN IN DETAIL ON REVERSE SIDE)		AD.													
		4-H													
DAYS AGENTS TO DEVOTE		AD.													
		4-H													

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NAME OF SPECIALIST REQUESTED AND DESCRIPTION OF WORK FOR WHICH NEEDED

Name	Month	Project and Activities for Which Needed

SUMMARY OF 20 COUNTY AGENTS 1949 PLANS OF WORK

Northwestern District

COUNTY	GENL. L. S.		BEEF CATTLE				SWINE				SHEEP					
	Better Sires	L. S. Schools	Fattening for Market	Purebred Bull Placement	Herd Management	Feeder Calf	Ton Litter and Sow Testing	4-H Pig Chain	4-H Brood Sow	Fattening for Market	Grazing	Purebred Boar Placement	Flock Management	4-H Sheep Club	Purebred Ram Placement	Shearing Schools
Alamance	Ad 4-H		12		6			8	4	6	5	15				
Caswell	Ad 4-H		3		2				12	70	8					
Chatham	Ad 4-H		15					32		20	30	15	6			
Davidson	Ad 4-H	15 1	1		5		2				6	4	1			
Durham	Ad 4-H	5	15				1	8	4		4	2				
Forsyth	Ad 4-H	2	5		3			8	16		10	8				
Franklin	Ad 4-H	25	75				29				72	75				
Granville	Ad 4-H	24	15				5	1	42	28	11					
Guilford	Ad 4-H		37		6			8	44	144	64					150
Orange	Ad 4-H		12					8		50	24	12				6
Person	Ad 4-H	25 1	3		20		2				24	12				
Randolph	Ad 4-H	2	55		2		1	8	8	15	12					
Rockingham	Ad 4-H	10	25		4						10	25	2			
Stokes	Ad 4-H		18					20	22	25	8					
Surry	Ad 4-H		10					5	20	20						
Vance	Ad 4-H		5		40			45								
Wake	Ad 4-H		40		10						25	10				
Warren	Ad 4-H		8					8	17		25	4				
Yadkin	Ad 4-H		2		20						5					40
TOTALS	Ad 4-H		8		132			3		14		172				
	Ad 4-H	4 1	3		6			8	64	4	800	15				
	Ad 4-H	12	25		15		2	12	6	3	50	12				
	Ad 4-H		20				2	20	50	75	5					
	Ad 4-H		3									15				10
	Ad 4-H		3					2	5	13						
	Ad 4-H	1			1											
	Ad 4-H		20						10	20	30					
	Ad 4-H	10	12		10						10					
	Ad 4-H		10					4	20	20						
	Ad 4-H															
	Ad 4-H	127 4	206		280		35			75	112	342	22			206
	Ad 4-H	7	385		2		9	17	328	527	157	41	5	6		

ANIMAL HUSBANDRY

SUMMARY OF 20 COUNTY AGENTS 1949 PLANS OF WORK

Southwestern District

COUNTY	GENL. L. S.		BEEF CATTLE					SWINE					SHEEP				
	Better Sires	L. S. Schools	Fattening for Market	Purebred Bull Placement	Herd Management	Feeder Calf	Ton Litter and Sow Testing	4-H Pig Chain	4-H Brood Sow	Fattening for Market	Grazing	Purebred Boar Placement	Flock Management	4-H Sheep Club	Purebred Ram Placement	Shearing Schools	Work Stock Clinics
Alexander	Ad				6						25		2				
	4-H		5					1	20	14	20						
Anson	Ad		21		16						25		8				4
	4-H		8								6		86				
Cabarrus	Ad		5		14						4		25				
	4-H		18					1	41								
Caldwell	Ad	12	2		1								10		1		
	4-H		6					1	10	170	20	15					
Catawba	Ad				2		1										
	4-H		30						8	55							
Cleveland	Ad	30	5		12						10	24					
	4-H		25						1	30	65						
Davis	Ad		15		4		2				4	3					
	4-H		10				8	1	26		10	1					
Gaston	Ad		15				2				20						
	4-H		30				2	1	48	20	10						
Iredell	Ad	200	1	25	48						50	3					
	4-H			45					1	66	30		10				
Lee	Ad										20	10					
	4-H		10										3				
Lincoln	Ad		4		33												
	4-H		25							30							
Mecklenburg	Ad		2	2							300						
	4-H			35			2	1	28								
Montgomery	Ad		1	4	3							10	2				10
	4-H								1	8	50						
Moore	Ad											3					50
	4-H		10						15	60	10						
Polk	Ad	250	180	12						40	50	10					
	4-H	2	25				5		7	25							
Richmond	Ad			2							300	15					
	4-H		12						1	23	73						
Rowan	Ad		10		30		2										
	4-H		14						1	72							
Rutherford	Ad										10						
	4-H		8						1	48	4	25					
Stanly	Ad	20	1	25	10					30	50	20	1				
	4-H			35						65							
Union	Ad			3	3						25	22					
	4-H		12					1	37	119	20	16					
TOTALS	Ad		512	5	313	196	5			70	843	210	20				64
	4-H		2		363		17	13	552	735	121	131					

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ANIMAL HUSBANDRY

SUMMARY OF 21 COUNTY AGENTS 1949 PLANS OF WORK

Northeastern District

COUNTY	GENL. L. S.	BEEF CATTLE						SWINE					SHEEP				
		Better Sires	L. S. Schools	Fattening for Market	Purebred Bull Placement	Herd Management	Feeder Calf	Ton Litter and Sow Testing	4-H Pig Chain	4-H Brood Sow	Fattening for Market	Grazing	Purebred Boar Placement	Flock Management	4-H Sheep Club	Purebred Ram Placement	Shearing Schools
Beaufort	Ad	3	5		5		3				100						
	4-H		10					1	13								
Bertie	Ad				6	4		1	21	20		6					
	4-H									5	2						
Camden	Ad	10	1			1	6				10	5					
	4-H			6				1	5	15							
Chowan	Ad		1								25	10					
	4-H		1	5			5		3		10	2		6			
Currituck	Ad					8							6				
	4-H			2					10								
Dare	Ad	100	1			10	15			2			10				
	4-H			43			7	1	10								8
Edgecombe	Ad						6						1				
	4-H						14			7							
Gates	Ad			2		4	4					10					
	4-H			8					1	32	50	3					
Greene	Ad	16		3		12					10		5				
	4-H								1	10	2						
Halifax	Ad							19			25	3					1
	4-H							3	1		2	4					
Hartford	Ad	10											3				
	4-H									6	10						
Hyde	Ad		5			1	9			75	20	20					25
	4-H			35			17	1	5	100	5	5					
Martin	Ad		1			2	8				500						
	4-H			24							50						
Nash	Ad	40		3		2	10				305						
	4-H			2					1	14	33						
Northampton	Ad	10	1	40								13	6				20
	4-H																
Pasquotank	Ad	3		28				2	1	31	4	7					
	4-H										20						
Perquimans	Ad			10					1	10	15						
	4-H	15	1			4	1					24	3				8
Pitt	Ad			1			5	1	53	20		24					
	4-H			1		3	5				5	6	18	2	3		
Tyrell	Ad			2							12						
	4-H																
Washington	Ad	20										12	4				5
	4-H												1				
Wilson	Ad	31				2	7										
	4-H			7				1	4	3							
TOTALS	Ad	252	14	54	6	61	107			102	131	159	40		3		192
	4-H	3	1	183			67	13	227	346	17	47	1				

ANIMAL HUSBANDRY

SUMMARY OF 20 COUNTY AGENTS 1949 PLANS OF WORK

Southeastern District

COUNTY		GENL. L. S.		BEEF CATTLE					SWINE					SHEEP				
		Better Sires	L. S. Schools	Fattening for Market	Purebred Bull Placement	Herd Management	Feeder Calf	Ton Litter and Sow Testing	4-H Pig Chain	4-H Brood Sow	Fattening for Market	Crazing	Purebred Boar Placement	Flock Management	4-H Sheep Club	Purebred Ram Placement	Shearing Schools	Work Stock Clinics
Bladen	Ad	30									20						22	
	4-H	10							1	14	22							
Brunswick	Ad	25	1								400							
	4-H	6									25							
Carteret	Ad					2					100	15					1	
	4-H									50	25	10						
Columbus	Ad	100				10					100	115	60					
	4-H			3						15	156							
Craven	Ad	25				2		5			35	15						
	4-H			3				2	1	16	3	25	12					
Cumberland	Ad					1					10	6						
	4-H								1	30	25	55	10		3			
Duplin	Ad	95				10		3										
	4-H	3		10						30	95							
Harnett	Ad	250				5						60					180	
	4-H	182		30					1	40								
Hoke	Ad					2				150	75						100	
	4-H			6					1	20	22							
Johnston	Ad	249		175		16		7			15	133	70				20	
	4-H	40		50		4		2	1	140	75	117	17					
Jones	Ad					3		3		4	50	3	1				5	
	4-H			7				2	1	46	5	3						
Lenoir	Ad		1			3		1										
	4-H			10				1	1	111	5	100						
New Hanover	Ad									8	3	6	6					
	4-H																	
Onslow	Ad			2							120	20						
	4-H			1						20	30	10						
Pamlico	Ad					3					70	4	30				200	
	4-H			3														
Pender	Ad	25	1	18				40										
	4-H			4				8			15							
Robeson	Ad			4		3												
	4-H			24					1	40	160							
Sampson	Ad			20				6			100	8	1				1	
	4-H			12				11	1	100	81	10						
Scotland	Ad					5		3										
	4-H										15							
Wayne	Ad	36	1			5		15				30						
	4-H	12		40				6		15	20							
TOTALS	Ad	835	5	219		70		83			369	1128	291	32			529	
	4-H	253	1	203		4		32	10	695	732	353	78		3			

ANIMAL HUSBANDRY

SUMMARY OF 19 COUNTY AGENTS 1949 PLANS OF WORK

Western District

COUNTY	GENL. L. S.	BEEF CATTLE					SWINE					SHEEP					
		Better Sires	L. S. Schools	Fattening for Market	Purebred Bull Placement	Herd Management	Feeder Calf	Ton Litter and Sow Testing	4-H Pig Chain	4-H Brood Sow	Fattening for Market	Grazing	Purebred Boar Placement	Flock Management	4-H Sheep Club	Purebred Ram Placement	Shearing Schools
Alleghany	Ad	25	3									8	10				200
	4-H			6			25		5	4							30
Ashe	Ad	70	2			60	150				100		50				240
	4-H	5	1	10			20		14				5	20			
Avery	Ad	20		75							5						
	4-H			19					76		8			5			
Buncombe	Ad	15				10		1									6
	4-H			10		2			1	12							
Burke	Ad			2		2						5					
	4-H																8
Cherokee	Ad	25	1	10		3					40	25					
	4-H			10		1					20						
Clay	Ad					30						50					40
	4-H			12					15	30							
Graham	Ad																100
	4-H			3				1	22	35							
Haywood	Ad	25	1			3					25						100
	4-H			20		38		1	21	16				3			
Henderson	Ad					4											10
	4-H			3				1	20	2							
Jackson	Ad			4		4					30		3				9
	4-H			6		30			8	15							
Macon	Ad	2				50					6						15
	4-H			6					15								
Madison	Ad	135	1	150				1			150	4					300
	4-H	4		5					10		40			18			
McDowell	Ad					8					6						
	4-H								8								
Mitchell	Ad					100											8
	4-H							1	14								
Swain	Ad					3							1				80
	4-H			5				1	5	20							
Transylvania	Ad	5	1	6		2				10	25						
	4-H			6					10	10	15						
Watauga	Ad	25		100		3						6	200				200
	4-H	5		3		2	5		16	30	1	4		25			
Yancey	Ad	20		6									5				4
	4-H					5		1	29	35							
TOTALS	Ad	367	9	351		282	150	2			105	667	18	269			1320
	4-H	14	1	126		78	50		7	300	217	69	4	5	101		

ANIMAL HUSBANDRY

SUMMARY OF 15 COUNTY AGENTS 1949 PLANS OF WORK

NEGRO AGENTS - Northwestern District

COUNTY	GENL. L. S.		BEEF CATTLE				SWINE				SHEEP					
	Better Sires	L. S. Schools	Fattening for Market	Purebred Bull Placement	Herd Management	Feeder Calf	Ton Litter and Sow Testing	4-H Pig Chain	4-H Brood Sow	Fattening for Market	Grazing	Purebred Boar Placement	Flock Management	4-H Sheep Club	Purebred Ram Placement	Shearing Schools
Alamance	Ad 4-H								10	25 55	75 10					
Anson	Ad 4-H		4						1	11	21 16	6				
Caswell	Ad 4-H									5	4					20
Cleveland	Ad 4-H	1						10		15		200				
Durham	Ad 4-H		10						1		20					
Granville	Ad 4-H		2							5	10 20					
Guilford	Ad 4-H			4						6	6	5				
Iredell	Ad 4-H			2						4	22 20					
Mecklenburg	Ad 4-H									8	30 8	30				
Orange	Ad 4-H	1									2					
Person	Ad 4-H							1		4	10					1
Richmond	Ad 4-H	1							1		20	8				
Rockingham	Ad 4-H									1	175 10					
Rowan	Ad 4-H										41 28	7				
Union	Ad 4-H									9	32					1
	Ad 4-H							1			40					
	Ad 4-H	1									75 10					
	Ad 4-H									53	10	5				
	Ad 4-H															
	Ad 4-H															
	Ad 4-H															
	Ad 4-H															
	Ad 4-H															
	Ad 4-H															
	Ad 4-H															
	Ad 4-H															
TOTALS	Ad 4-H	7	14	4				10	6	136	167 482	267				22
			18	2							211	84	9			

SUMMARY OF 13 COUNTY AGENTS 1919 PLANS OF WORK

NEORO AGENTS - Southeastern District

COUNTY	GENL. L. S.		BEEF CATTLE					SWINE					SHEEP			
	Better Sires	L. S. Schools	Fattening for Market	Purebred Bull Placement	Herd Management	Feeder Calf	Ton Litter and Sow Testing	4-H Pig Chain	4-H Brood Sow	Fattening for Market	Grazing	Purebred Boar Placement	Flock Management	4-H Sheep Club	Purebred Ram Placement	Shearing Schools
Bladen	Ad									60	20					
	4-H						1	48	120	16						
Craven	Ad															
	4-H						1	57		175			11			
Cumberland	Ad															
	4-H						1	28								
Duplin	Ad															
	4-H								50	50			15			
Harnett	Ad		4													
	4-H						1	58	80	5						1
Johnston	Ad															
	4-H							42								
Jones	Ad	250					2									150
	4-H															
Lenoir	Ad	300	1													
	4-H									325						
Pender	Ad						36									
	4-H							1	25							
Robeson	Ad															
	4-H							1	101	114			16			
Sampson	Ad										500	75				
	4-H										160					
Wake	Ad	10									5					
	4-H										5					
Wayne	Ad															
	4-H							1	58				25			
	Ad															
	4-H															
	Ad															
	4-H															
	Ad															
	4-H															
	Ad															
	4-H															
	Ad															
	4-H															
TOTALS	Ad	560	1				38			123	550	142				151
	4-H			4				7	467	689	361					

ANIMAL HUSBANDRY

SUMMARY OF 15 COUNTY AGENTS 1949 PLANS OF WORK

NEGRO AGENTS - Northeastern District

COUNTY	GENL. L. S.	BEEF CATTLE							SWINE				SHEEP				
		Better Sires	L. S. Schools	Fattening for Market	Purebred Bull Placement	Herd Management	Feeder Calf	Ton Litter and Sow Testing	4-H Pig Chain	4-H Brood Sow	Fattening for Market	Grazing	Purebred Boar Placement	Flock Management	4-H Sheep Club	Purebred Ram Placement	Shearing Schools
	Ad						50				400						
Beaufort	4-H						5			50							40
	Ad										108						
Bertie	4-H								15								
	Ad								215	20	110						
Chowan	4-H								10	15	5						
	Ad								15	200	300						
Edgecombe	4-H								10	165	85						
	Ad			21						12	32	14					
Franklin	4-H			18					10	10	10	8					
	Ad	20	1						4	4	150						1
Gates	4-H								4		20						
	Ad		1								90	30					
Hertford	4-H							1		38	38	10					
	Ad		1									50					
Martin	4-H									117							
	Ad		1								150	50					1
Northampton	4-H							1			24						
	Ad						75				105	65					
Pasquotank	4-H								30	10	5	30					
	Ad																1
Perquimans	4-H							1									
	Ad	10								1		15					3
Pitt	4-H									50							
	Ad										25	500	12				3
Vance	4-H									4	25	12					
	Ad											20					7
Warren	4-H								1	19	15						
	Ad							6									
Wilson	4-H								1								
	Ad																
	4-H																
	Ad																
	4-H																
	Ad																
	4-H																
	Ad																
	4-H																
	Ad																
	4-H																
	Ad																
	4-H																
TOTALS	Ad	30	4	21				131		230	262	1962	238				56
	4-H			18				5	5	152	445	187	60				

IV. Method of Procedure

1. Livestock Schools for farmers, county agents, vocational teachers, G. I. teachers, and students have been added to plans for methods of teaching. These will be all day affairs by counties and will cover the livestock outlook as well as feeding, breeding and management of beef cattle, hogs and sheep.

2. Better Sires Contest. With money donated by the beef cattle and swine breeders associations it is planned to pay the expenses of the county agent making the best record for replacements of beef bulls, rams and boars in 1949. Bull placements count 10 points and ram and boar placements 5 points each.

3. Schools for County Agents and Vocational Teachers will be held in as many sections of the State as possible for the purpose of teaching methods of foot trimming, clipping, curling and showing steers.

4. Sheep Shearing Schools for teaching county agents and 4-H Club boys especially proper methods of shearing and preparing wool for market. These schools will be followed by a State Contest for 4-H Club members.

5. Meat Cutting and Curing Schools are badly needed but it is not possible to hold them due to shortage of personnel.

6. Method Demonstrations will be held in grading beef animals, market lambs and market hogs. Also in dehorning cattle, castrating calves, lambs and pigs, and docking lambs.

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.

V. 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. Engineering	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. National & State Livestock Breed Assos.	Promotion of Purebred Livestock
10. Plant Food Institute	Pasture and Feed Production
11. Southeastern Chain Store Council	Livestock Development & Marketing
12. Agri. Production & Marketing Admn.	Livestock Production & Marketing
13. Farmers' Home Administration	Livestock Production & Marketing
14. Soil Conservation Service	Pasture and Hay Production
15. Bureau of Animal Industry	Information
16. Bureau of Agricultural Economics	Information
17. Bureau of Plant Industry	Information
18. Vocational Agriculture	Assist with F.F.A. & Veteran's Projects
19. Federal Ext. A.H. Specialists	Information on new and better means of carrying on work.
20. Agri. Development Agents of Sears & Roebuck, Railroads, and Power Companies	Livestock Development and Marketing
21. N.C. State Dept. of Agriculture	Livestock Marketing <i>schools and</i>

VI. Publications, Visual and Other Teaching Aids

Materials Available for Use in 1949:

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
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
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 1949:

Raising Sheep in North Carolina, Extension Circular
Revise Club Series No. 4, Swine Production Manual for 4-H Club Members
~~Revise Club Series No. 48, Baby Beef Production Manual for 4-H Club Members~~
~~Revise Extension Circular No. 268, Raising Beef Cattle in North Carolina~~
North Carolina Ton Litter Project, Extension Leaflet
Timely News and Radio Releases
Slides

*Extension Circular No. 67.
Revise Graze Hogs For 12 Months, Ext. Circular
No. 262, The Farm Pork Supply, and Ext. 7
Circular No. 61. Control of Internal Parasites of Sheep.*

VII. Calendar of Work

A PLAN OF SPECIALISTS' WORK AT THE STATE LEVEL

Line of work Animal Husbandry

194 9

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 outside time	Total days for month
DECEMBER:												
L. I. Case		3		2		6			11	5		27
Jack Kelley	3	2				4	1		11	6		27
Paul Swaffar	2	2		2		4	1		11	5		27
JANUARY												
L. I. Case		3				4		6	12	1		26
Jack Kelley		1				4		6	12	1		26
Paul Swaffar	2	2	1			4		6	10	1		26
FEBRUARY												
Case		1				4			19			24
Kelley						4			20			24
Swaffar	2					4			18			24
MARCH												
Case		2	2		3	4			14		2	27
Kelley		1				4			20		2	27
Swaffar	2				3				20		2	27

A PLAN OF SPECIALISTS' WORK AT THE STATE LEVEL

Line of work Animal Husbandry

194 9

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APRIL												
Case		2				4			15		5	26
Kelley						4			22			26
Swaffar						4			20		2	26
MAY												
Case				1		6			16		3	26
Kelley						5			21			26
Swaffar			2			4			18		2	26
JUNE												
Case			2	2		6			12		2	26
Kelley						4			19		3	26
Swaffar		2				4			18		2	26
JULY												
Case			2			6			12		6	26
Kelley						6			18		2	26
Swaffar		4	1			4			15		2	26
AUGUST												
Case		3				4			10		10	27

A PLAN OF SPECIALIST'S WORK AT THE COUNTY LEVEL

Line of Work Animal Husbandry

1949

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	Jack Kelley	Paul Seaffar	
<u>DECEMBER:</u>					
Carteret	Selecting purebred bulls	1			1
Wake	" " " "	1			1
Davie	4-H Pig Show		1		1
Gates	Meeting of hog growers		1		1
Hertford	" " " "		1		1
Tyrrell	" " " "		1		1
Columbus	" " " "		1		1
Haywood	Beef Herd Management			3	3
Caldwell	4-H Baby Beef and Herd Management			1	1
<u>JANUARY:</u>					
Hertford	Work Stock Clinics	1			1
Yancey	" " "	1			1
Henderson	" " "	1			1
Buncombe	" " "	1			1
Wake	Herd Management	1			1
Anson	" "	1			1
Vance	Livestock School	1	1	1	3
Cleveland	Better Sires	1			1
Wayne	Fattening for market	1			1
Union	Meeting of hog growers		1		1
Camden	" " "		1		1
Northampton	Ton Litter		1		1
Pender	" "		1		1
Columbus	Meeting of hog growers		1		1
Johnston	" " "		1		1
Onslow	" " "		1		1
Yancey	Beef Herd Management			1	1
Ashe	Meeting of beef cattle growers			1	1
Rockingham	Beef Herd Management and Meeting			2	2
Stokes	Meeting of beef cattle growers			1	1
Polk	Work Stock Clinics			1	1
Wayne	Fattening for Market			1	1
Camden	4-H and Beef Cattle Meeting			1	1
Pitt	Work Stock Clinics			1	1
Durham	Hereford Breeders Meeting			1	1

A PLAN OF SPECIALIST'S WORK AT THE COUNTY LEVEL

Line of Work Animal Husbandry

194 9

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	Jack Kelley	Paul Swaffar	
FEBRUARY:					
Pasquotank	Livestock School	1	1	1	3
Currituck	" "	1	1	1	3
Martin	" "	1	1	1	3
Hertford	" "	1	1	1	3
Edgecombe	" "	1	1	1	3
Nash	" "	1	1	1	3
Lenoir	" "	1	1	1	3
Beaufort	" "	1	1	1	3
Fender	" "	1	1	1	3
New Hanover	" "	1	1	1	3
Montgomery	" "	1	1	1	3
Davidson	" "	1	1	1	3
Mecklenburg	" "	1	1	1	3
Wilkes	" "	1	1	1	3
Ashe	" "	1	1	1	3
Alleghany	" "	1	1	1	3
Greene	Herd Management	1			1
Orange	Sheep Demonstration	1			1
Granville	Work Stock Clinic	1			1
Vance	4-H Pig Projects		1		1
Orange	" "		1		1
Anson	Swine Management		1		1
Bertie	Farrowing House Demonstration		1		1
Pasquotank	Purebred Hog Sale		1		1
Frunswick	Meeting of Hog Growers		1		1
Lenoir	Fattening for Market		1		1
Scotland	Ton Litter		1		1
Wayne	" "		1		1
Cleveland	Herd Management			1	1
Wilson	Better Sires & 4-H Calves			1	1
MARCH:					
Granville	4-H Baby Beef	1			1
Duplin	" " "	1			1
Alamance	Herd Management	1			1

A PLAN OF SPECIALIST'S WORK AT THE COUNTY LEVEL

Line of Work Animal Husbandry

194 9

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	Jack Kelley	Paul Swaffar	
<u>MARCH Cont'd.</u>					
Henderson	Herd Management	1			1
Union	" "	1			1
Bladen	" "	1			1
Cumberland	" "	1			1
Iredell	Hereford Sale	1		1	2
Watauga	Sheep School	1			1
Swain	Beef Cattle and Sheep Management	1			1
Avery	Flock Management	1			1
Guilford	h-h Pig Club		1		1
Caldwell	" " "		1		1
Bladen	" " "		1		1
Lenoir	" " "		1		1
Wilkes	Brood Sow Project		1		1
Stanly	" " "		1		1
Madison	" " "		1		1
Beaufort	Purebred Hog Sale		1		1
Greene	Ton Litter		1		1
Pitt	Swine Grazing		1		1
Jones	Hog Growers Meeting		1		1
Transylvania	" " "		1		1
Pamlico	" Grazing		1		1
McDowell	Herd Management			1	1
Surry	" "			1	1
Cumberland	" "			1	1
Scotland	" "			1	1
Bertie	" "			1	1
Watauga	Lamb Docking and Castrating			1	1
Guilford	Baby Beef Tour			1	1
Orange	" " Projects			1	1
<u>APRIL:</u>					
Northampton	Herd Management	1			1
Lincoln	" "	1			1
Madison	" "	1			1
Wake	Fat Stock Show	1		2	3
Harnett	" " "	2	2		4

A PLAN OF SPECIALIST'S WORK AT THE COUNTY LEVEL

Line of Work Animal Husbandry

1949

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	Jack Kelley	Paul Swaffar	
<u>APRIL Cont'd.</u>					
Johnston	Fat Stock Show	2	2	2	6
Montgomery	Field Day	1			1
Quitford	4-H Fitting and Showing	1			1
Cleveland	Fattening for Market	1			1
Watauga	Sheep School	1			1
Henderson	4-H Pig Club		1		1
Orange	" " "		1		1
Rutherford	" " "		1		1
Mecklenburg	" " "		1		1
Cleveland	" " "		1		1
Yancey	" " "		1		1
Mitchell	" " "		1		1
McDowell	" " "		1		1
Craven	" " "		1		1
Yadkin	" " "		1		1
Buncombe	4-H Pig Show		1		1
Forsyth	Tamworth Sale		1		1
Durham	Fat Stock Show	2	2	2	6
Lenoir	" " "		2	2	4
Wayne	" " "		2	2	4
Richmond	4-H and Purebred Sale		1		1
Currituck	Brood Sow Projects		1		1
Nash	Hog Growers Meeting		1		1
Columbus	Fat Stock Show		1		1
Duplin	Sow Testing		1		1
Sampson	" " "		1		1
Watauga	Sheep Shearing School			1	1
Chatham	Showing Baby Beeves			1	1
Union	Herd Management			1	1
Bladen	" " "			1	1
Cleveland	4-H Baby Beef Show	1		1	2
<u>MAY:</u>					
Alleghany	Sheep Shearing School	1		1	2
Ashe	" " "	1			1
Haywood	4-H Club Baby Beeves	1			1

A PLAN OF SPECIALIST'S WORK AT THE COUNTY LEVEL

Line of Work Animal Husbandry

1949

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	Jack Kelley	Paul Swaffar	
<u>MAY Cont'd.</u>					
Jackson	Herd Management	1			1
Burke	" "	1			1
Tyrrell	" "	1			1
Watauga	" "	1			1
Anson	" "	1			1
Gaston	" "	1			1
Forsyth	4-H Show and Sale	1			1
Iredell	" " " "	2	2	2	6
Davidson	" " " "	1			1
Richmond	Plan for 4-H Show	1			1
Edgecombe	Flock Management	1			1
Wake	4-H Pig Club		2		2
Rockingham	" " "		1		1
Union	" " "		1		1
Swain	" " "		1		1
Martin	Fat Stock Show		1	1	2
Pasquotank	" " "		1	1	2
Pitt	Swine Field Day		1		1
Edgecombe	" " "		1		1
Bertie	" " "		1		1
Tyrrell	Sow Testing		1		1
Wilson	" "		1		1
Pender	" "		1		1
Anson	" "		1		1
Watauga	Sheep School for 4-H Club Members			1	1
Davidson	Fattening For Market			1	1
Franklin	Herd Management			1	1
Columbus	" "			1	1
Pender	Livestock Field Day			1	1
Edgecombe + Nash (At Rocky Mount)	Fat Stock Show	2	2	2	6

A PLAN OF SPECIALIST'S WORK AT THE COUNTY LEVEL

Line of Work Animal Husbandry

1949

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	Jack Kelley	Paul Sweaffer		
JUNE:						
Hertford	Cattle Meeting on Farm	1				1
Guilford ✓	4-H Fat Stock Show	2		2		4
Caldwell	Herd Management	1				1
Stanly ✓	" "	1				1
Harnett	" "	1				1
Watauga ✓	Ram Sale	1				1
Ashe ✓	4-H Lamb Show	1				1
Chatham	4-H Pig Club		1			1
Alamance	" " "		1			1
Watauga	" " "		1			1
Lee ✓	Fat Stock Show	1		1		2
Gates	Ton Litter	1				1
Burke	Swine Grazing		1			1
Alleghany	Herd and Flock Management			1		1
Ashe ✓	4-H Lamb Show			1		1
Watauga ✓	Ram Sale			1		1
Hyde	Lamb Sale and Growers Meeting			1		1
Stanly ✓	4-H Fat Stock Show	1				1
JULY:						
Alexander	Herd Management	1				1
Stanly	" "	1				1
Watauga	Lamb Pool	1				1
Iredell	Field Day	1				1
Haywood ✓	" "	1				1
Orange	4-H Pig Club		1			1
Franklin	" " "		1			1
Cumberland	" " "		1			1
Hoke	" " "		1			1
Chowan	Sow Testing		1			1
Hertford	Swine Production		1			1
Carteret	" "		1			1
Columbus	Sow Testing		1			1
Madison	4-H Baby Beef			1		1
Watauga	Feeder Calves and Judging Team			2		2
Iredell	Hereford Field Day			1		1
Camden	Select Feeder Calves			1		1

A PLAN OF SPECIALIST'S WORK AT THE COUNTY LEVEL

Line of Work Animal Husbandry

1949

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	Jack Kelley	Paul Swaffar	
AUGUST:					
Pasquotank	Herd Management	1			1
Mitchell	" "	1			1
Mecklenburg	Field Day	1			1
Transylvania	" "	1			1
Haywood	4-H Pig Club		1		1
Gabarrus	" " "		1		1
Alexander	" " "		1		1
Henderson	" " "		1		1
Forsyth	" " "		1		1
Gaston	" " "		1		1
Wilson	Selecting Purebreds	1			1
Union	Sow Testing	1			1
Northampton	" "	1			1
Cleveland	Grazing Hogs		1		1
Tyrrell	Purebred Sale		1		1
Cherokee	Field Day			1	1
Yancey	Herd Management and 4-H Baby Beef			1	1
Surry	Angus Type Conference			1	1
Mecklenburg	Field Day			1	1
Bertie	Herd Management			1	1
SEPTEMBER:					
Beaufort	Herd Management	1			1
Anson	" "	1			1
Lincoln	" "	1			1
Cherokee	Beef Cattle Show	1			1
Watauga	Livestock Show at Fair	1	1		2
Haywood	Beef Cattle Tour	1			1
Caldwell	Judge Show	1			1
Forsyth	4-H Baby Beef Show	1			1
Ashe	Feeder Calf Sale	2		2	4
Wake	Sow Testing		1		1
Forsyth	Selecting Purebreds		1		1
Montgomery	Field Meeting		1		1
Iredell	4-H Pig Show		1		1

A PLAN OF SPECIALIST'S WORK AT THE COUNTY LEVEL

Line of Work Animal Husbandry

1949

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	Jack Kelley	Paul Swaffar		
SEPTEMBER Cont'd.						
Caldwell	4-H Pig Show		1			1
Greene	" " "		1			1
Bertie	Swine Tour		1			1
Hartford	Ton Litter		1			1
Hyde	Purebred Sale		1			1
Nash	Meeting of hog growers		1			1
Guilford	4-H Baby Beef Show and Sale			1		1
Caldwell	4-H Baby Beef Show and Sale			1		1
Wake	Herd Management			1		1
Wilkes	" "			1		1
Edgecombe	" "			1		1
OCTOBER:						
Cabarrus	4-H Baby Beef		1			1
Buncombe	" " "		1			1
Brunswick	Beef Cattle Growers Meeting		1			1
Iredell	Hersford Sale		1	1		2
Watauga	" "		1	1		2
Vance	4-H Pig Show		1			1
Durham	" " "		1			1
Union	" " "		1			1
Bladen	" " "		1			1
Mecklenburg	" " "		1			1
Chowan	Sow Testing		1			1
Jones	" "		1			1
Cnslow	4-H Swine Show		1			1
Pitt	" " "		1			1
Surry	Fat Stock Show			1		1
NOVEMBER:						
Anson	Herd Management		1			1
Stanly	" "		1			1
Gaston	Baby Beef Show		1			1
Haywood	4-H Show and Sale		1	1		2

