# DAMIDORDAD HURDON

Agricultural Extension Service

# ANTMAL HUSBANDRY EXTENSION PLAN OF WORK

FOR

1949

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

Date Submitted: Jan 28	,1949. Signed: L. J. Cas	<u>e</u>
Date Approved:	,194 . Signed: State Director of Extens	ion
Date Approved:	,194 Signod	

<sup>\*</sup>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 (abutt +)
by included in Blan of Hock For 1950?
arepare + submit to John Cranford
by seft 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 Garolina 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

supply of brefattle and sheep

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.
- 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 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.

Exhibit A

OUTLINE OF ANIMAL HUSBANDRY PROJECT PLANS FOR 1949

Prepared For County Agents' Consideration

By Animal Husbandry Extension Specialists.

#### Foreword

Production of ample feed, particularly pastures, is the first essential in successful meat animal production. Animal Husbandry Specialists will, during 1949, cooperate closely with Agronomy Specialists in promoting the seeding of additional permanent pastures, the improvement of permanent pastures, and in the production of high quality winter feeds.

The second essential of profitable livestock production is the use of superior breeding stock to insure most efficient use of feeds grown. High prices paid by slaughterers, and high prices required to purchase the right type bulls, boars, and rams during recent years have caused some farmers to use inferior sires in their herds and flocks.

Animal Husbandry projects during 1949 will, therefore, give special attention to the encouragement of more and better feed production and the use of improved breeding stock. In addition, the use of properly balanced rations, control of diseases and parasites, more efficient management, and more efficient marketing should receive attention.

A - BETTER SIRES: L. I. Case, Jack Kelley, Paul Swaffer. Dwn Bacherses

For the first time, during 1949, a better sires contest for county agents will be held. Award for the winner of this contest will be a trip to the International Livestock Show in Chicago in 1949. The trip will be financed through the cooperation of North Carolina purebred breed associations.

B - LIVESTOCK SCHOOLS OR FIELD DAYS: L. I. Case, Jack Kelley, Paul Swaffar

This project is particularly suitable in winter meetings for the discussion of improved methods of feeding, breeding, disease control, and equipment. They may be held on demonstration farms during summer months where pastures, herds, and equipment may be seen and discussed. (May or may not be result demonstrations)

C - BEEF CATTLE: L. I. Case, Paul Swaffar Sam

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1. Fattening for Market (Adult or 1-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)

h-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)

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 (h-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 tieing 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) (h-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)

#### F - WORK STOCK: L. I. Case and Paul Swaffer

#### 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 but 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)

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Jack Kelley	March	Fat Stock Show
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## SUMMARY OF 20 COUNTY AGENTS 19 49 PLANS OF WORK

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## SUMMARY OF 20 COUNTY AGENTS 149 PLANS OF WORK

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## SUMMARY OF 21 COUNTY AGENTS 1949 PLANS OF WORK

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COUNTY		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	Shearing Schools	Work Stock
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	Ad		1	-		-		5		3		10	2					
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ialifax	Ad	-		1	-	-	-	19	-	10		25	3					1
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Martin	Ad	+	1	122	-	2		8				500						
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Nash	Ad	40	1/4	3	-	2		10				305	1					
Hand hamme on	4-H	40	-	2					1	14	33							
Northampton	Ad	10	1	40									13	6				20
Otonle	4-H	3		28	+			2	1	31	L		7					
Pasquotank	Ad	-	-	-			1				20							
Perquimans	4-H			10					1	10	15							
or dermerin	Ad	15	1		1	h	The said	1	1000				24	3				
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Tyrrell	4-H		1	2							12						-	-
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Wilson	4-H			7					1	4				-	-		-	-
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## SUMMARY OF COUNTY AGENTS 1919 PLANS OF WORK

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			and the same		50	uthea	aste	rn D	Lstr	ict								
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COUNTY		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		Purebred Boar Placement	Flock Management	4-H Sheep Club	Purebred Ram Placement	Shearing Schools	Work Stock Clinics
	Ad	30										20					No.	22
Bladen	4-H	10							1	14	22							-
	Ad	25	1									25			-		-	-
Brunswick	4-H	6			-	2			-	-		100	12	-	-			1
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Craven	4-H			3		8.27		2	1	16	3	25	12	W.				
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Cumberland	4-H	70 to 10		-77			-		1	30	25	55	10		3			
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doke ***	Ad	21.0		175		16		7	-	-		133	70			-		20
Johnston	4-H	249	782.3	175	-	T	4	2	1	140		117	17					
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Jones	4-H			7	Total Control			3	1	46	5		3					
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Lenoir	4-н			10	1 111			1	1	111	5	100			-		-	
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Pamlico	4-H	-	-	3		,	102		-			10	4	30	-	1		
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Pender	4-H		1	4	-	7		8			15	1			1	1		
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Robeson	4-H			24					1	40	160 100				1			
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Sampson	4-H			12		-		11	1	100	81		10	-	-	100	-	-
Cantland	Ad	_	-	-	-	5	-	3	-	-	15	-		7	-	-	-	+
Scotland	4-H Ad	36	-	-	-	5	-	15	-	+-	13	-	30	-	-	-	-	-
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## SUMMARY OF19 COUNTY AGENTS 1949 PLANS OF WORK

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		GENL L. S		BE	EF (	CATTI	E			SWINE				SI	EEP			
COUNTY		Better Sires	ols	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
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lvery	4-H			19					-	76		0						6
	Ad	15				10	-	1	1	12					-		7	100
duncombe :	4-H	-	-	10		2		-	-	74					-		1000	
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	4-H	25	-	10	-	1	-	-	1		20					April 1		100
Cherokee	Ad	- 1	7010	10	-	30						50						40
Clay	4-H			12			The second			15	30						illia.	
orea.	Ad		100														15	100
Oraham	4-H			3		-			1	22	35			10, 11			100	-
	Ad	25	1			3					25					-	-	100
Haywood	4-H			20		38			1	21	16	1		-	3	-	-	130
Wat 1	Ad					4			-	-						-	-	10
Henderson	4-H			3					1	20	2	-	-	3	-	-	-	95
1975	Ad			4		4		-	_	-	30 15	-	-	-	-	-	-	-
Jackson	4-H			6	-	30 50	-	-	-	8	12	6	-	-	-	+	-	15
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Macon	4-H		-	150	-	+		1	-	13	+	450	L	1000	1			300
	Ad 4-H	135	1	150		-	-	-		10	-	40			18			
Madison		4	1000	2	-	8	+-	+	-	-	1	6			1 -			
Mathematica	Ad 4-H	-	-	-	-	-	-	17	-	8			17/19					
McDowell	Ad	-	-	+-	-	100	)	1	1									8
Mitchell	4-H	-	-	1	-				1	14						N. C.		
STOCHOTT -	Ad	100	1 7			3								1				80
Swain	4-H			5			1		1	5	20				-	-	-	_
	Ad	5	1	6		2					10	25 15		1		-	-	
Transylvania	4-H			6	The state of					10	10	15	-	100		-	-	200
	Ad	25		100		3			_	-		-	6	200	25	-	-	200
Watauga	4-H	5		3		2	5	-	-	16	30	1	4	15	63		-	4
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	Ad 4-H	36	1 7	35	-	20	2 15	-	-	300	217	69	4	5	10	1		

## SUMMARY OF 15COUNTY AGENTS 1949 PLANS OF WORK

#### NEGRO AGENTS - Northwestern District

The same		GENI L. S		BI	EEF (	CATTI	Œ			SWIN	E			S	HEEF			
COUNTY		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	Flock Management	4-H Sheep Club	Purebred Ram Placement	Shearing Schools	Work Stock Clinics
	Ad 4-H		- 1							10	25 55	75 10				10.12		
Alamance	Ad Ad			L		-	-			TO	12	10	6		-			
Anson	4-H		Name to	16	E. T	-		-	1	11	21	16	1		1		No.	
WINOIT	Ad		-	10	-	-YUE					29	32	h				-	20
Caswell	4-H				7					5		h						
	Ad		1	1000	- Carlon			7.10				Carlotte Chapter	200		and the second			
Cleveland	4-H			1000		100		10		15							15-46	
	Ad	-	1	10	1	10				1	20					1000	/11	The same
Durham	4-H			2					1		5		N. W. S.				200	1
	Ad		4.90						Marie Com		10	20 6						1
Granville	4-H				-				100	6	6	6				100		-
	Ad 4-H			- 20		h				100		5	1			-		
Guilford	4-H			77.0		2				4	22	20					3.00	1
	Ad									-		30	30		-	-		
Iredell	4-H			. 6			7		-	8		8				-		
	Ad		1	-				-		-		2				-		+
Mecklenburg	4-H			1				-	-	11	-	2	-	-				+-
	Ad 4-H	-						-	-	h	30				-	-	-	
Orange	Ad.	-	1				-	-	1	1	10		7	-		-	-	1
	4-H	-	-		-	-	-	-	3	-	20	8				-	<del>                                     </del>	-
Person	Ad	-	1	-	1	-	-		-	-	20	776	10	-				-
me almost	4-H	-	-		-		-	-	1	-	-	-				+	1	
Richmond	Ad	-	1						-		41	28	7					
Rockingham	4-H	-	-		1					9	32							
WANTE THE	Ad										144						1	1
Rowan	4-H								1	0.000	40							
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Union	4-H									53		10	5			PAT		
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	4-H							-		-		-		-	-	-	144	-
	Ad 4-H		-	111-			-	-		-	-	-	-	-	-	-	-	-
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	4-H Ad	-	-	-	-	-	-	-	-	-	160	1.80	267	-	-	-	-	22
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## SUMMARY OF 13 COUNTY AGENTS 149 PLANS OF WORK

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		L. S		B	EEF (	CATTI	Œ			SWIN	8			5	HEEP		89	
COUNTY		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
	Ad				ALL V						60	20	1000	Ser Sulf	STOR			
Bladen	4-H			to entire					1	48	120	16	20	USES!	188			140
	Ad					1.640	Ballet.			1			11					-
Craven	4-H		- 10		1	-			1	57		175						
	Ad				190						1112				-	-		-
Cumberland	4-H		- 1		and it	-	-		1	28		100	20		The same	-	100	-
2	Ad	1		100	- 0	10-		Op. N		-	-	-	15		We are	-	-	-
Duplin	4-H				1000		e Udr		-	50	50					-		
	Ad		1000	8 7555S	our I		-	-	178		15	25		Name of Street	-		MALES.	
Harnett	4-H			4	100			-	1_	58	80	5			-			1
	Ad			1		1				-						-		1
Johnston	4-H				100					12			100	100	-	-		15
	Ad	250				-		2		-					-	-		1 25
Jones	4-H				of the	- dealer	-	-		00					-	-		1
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Lenoir	4-H	-			Parker.	100					325		-	-	-			100
	Ad		1000	-	March.			36		-					-	-		-
Pender	4-H			-			1	-	1	25		100						-
West.	Ad						U=				48		16		-			-
Robeson	4-H		- 4				-		1	101	114			-		-		-
1,000	Ad							-		-		500 160 5	75	-	-	-		
Sampson	4-H	1			100	-		-				160			-	-	-	-
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Wake	4-H		-	100	-					-	-	5			-	-		-
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Wayne	4-H		10.00			-			1	58					-	-	-	-
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TOTALS	4-H	1		h	1	The second	No.	A STATE OF	7	1667	689	367	A CONTRACTOR		A CONTRACTOR	1		1

# SUMMARY OF 15 COUNTY AGENTS 1949 PLANS OF WORK

				Annual Control		CARL LANGE CO.	-	Nort					1000	1	1	XXXXX			11/		
		GENL.		BE	CEF	CATTI	E	lin.		SWIN	S	-			2	HEEF		Part I			
COUNTY		Better Sires	L. S. Schools	Fattening for Market	Purebred Bull	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	
	Ad							50					100			-	-	-	1		
eaufort	4-H							5				0	-		-	-	-	1	10000	40	
eam or s	Ad								_		-		105		-		-		THE PARTY NAMED IN	40	W
ertie	4-H							1	-	15	-	20			-						
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howan	4-H				-			+			200		300								
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Edgecombe *	4-H			-	1000		-	-	-	10	10			14				15.3			
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Franklin	<b>4-H</b>			18	1	-	-	-	-	144			50							1	
	Ad	20	1		-			+	+-	1.			20								
Gates	4-H		_	-	-	-		-	+				90	30							
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Hertford					-	-	+		*					50				7/(10			
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Martin	4-H	-	1	-	-	-	1						50 24	50						1	400
	Ad 4-H	-	1	-	+				1				24							_	1
Northampton		-	-	-	+			75					105	65							- 3
	Ad 4-H	-	-	-	+		70 (2)	-		30	) ]	0	5	30						_	-
Pasquotank	Ad	-	-	1	+		7										-			1	
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Perquimans	Ad	10	-	+	19	-						1		1	1		_		-	` 3	-
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Warren	4-H	-	-				9		1	1	9	15		1	-		-	-		-	-
HOLLON	Ad	-	1						5						-		-		-	1	-
Wilson	4-H					104			1					+	-	-	-	-	-	-	-
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	4-F					As July			-	-	-	-	-	+	-	-					
	Ad								-		-	-	-	-	-						and and
	4-I	I					-	4	-	-	-	274	-	-	+						
	Ad				-		-	-	-		-		-		-						-
	4-1						-	-		-	20	26	270	62 2	36					5	6
	Ad		0 1	1 1	18	-	-	1	37	5	-	Till	17	71	60			-			NVIII.
TOTALS	4-1	H			LO				2	-	~	-			-	-					

#### 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. <u>Meat Cutting and Curing Schools</u> 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

State, Federal and Other Specialists or Agencies that will Cooperate	Cooperation to be Given and/or Received
1. Extension Specialists in Agronomy	Pasture and feed production
2. Extension Specialists in Agri. Engineering	g 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

#### 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

L-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

L-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

L-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.

## Materials to be Prepared in 1949:

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

Raising Sheep in North Carolina, Extension Circular
Revise Club Series No. 48, 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

Review Land Hook Bupply, and Erst. Cercilor 26,262, The Farm Book Bupply, and Erst. Circular No. 61. Control of Internal Garasetes of Sheep. A PLAN OF SPECIALISTS' WORK AT THE STATE LEVEL

Line	of	work	Animal Husbandry	

	Lis	t the	numbe	er of	days	requir	ed by	mont!	as for	each t	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	Causi	Annual leave and Tolidays	Unallotted officer time	Total days for month
DECEMBER:				H									
L. I. Case		3		2		6			11		5		27
Jack Kelley	3	2			X .	4	1		11		6		27
Paul Swaffer JANUARY	2	2		2		h	_1		11		5		27
L. I. Case	·VE	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				20	4	A		18				24
MARCH					T NE	Serv.							
Case		2	2		3	4			24			2	27
Kelley		1				4			20			2	27
Swaffar	2				_3_				20			2	27
						4 4 4							

				. 0			nd har	month	e for	each t	ype of	work	
Write in month and specialist's name under each month	Preparation of bulletins	Preparation of educational Francticul Francticuls	Preparation of news and radio material	Conferences in State and o	Training schools	Office conferences and correspondence	Preparing your plan of	Preparing your annual report	Mork to		Annual leave and Holldays	Unallotted officer time	Total days for month
APRIL													
Case		2				4		4.114	15			5	26
Kelley						4			22				26
Swaffar						4			20			2	26
MAY			1 7		5/17				187				
Case				1	P. 11	6			16			3	26
Kelley				1.3		5			21		The state of	2.1	26
Swaffar			2			4			18		2.	2	26
JUNE		12	1 185					_					
Case			2	2	100	6			12			2	26
Kalley						1			19	1 34		3	26
Swaffar		2				4	_		18			2	26
JULY	H.			- 1						1774	100		
Case			2			6			12			6	26
Kelley						6			18			2	26
Swaffar		4	1			4			15		-	2	26
AUGUST								-			1		-
Case		3	+			4		1	10	131		10	27

Line	of wo	rk _	Anir	al H	ishandr	у					1949		
	List	the	numbe	r of	days re	əquir	ed by	month	s for	each t	ype of	work	
rite in onth and pecialist's ame under ach 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
August Cont'	d.												
Kelley		2				4			10		6	5	27
Swaffar		3		100		4			10			10	27
SEPTEMBER						A 14	85						-
Case					in the	6			14		6		26
Kelley		3				6		-	17				26
Swaffar	1	2		-		4		-	17		-	3	26
OCTOBER	1						-	-		-	-	-	-
Case		2	2			6		-	10			6	26
Kelley						6	-	-	20	- Maga		-	26
Swaffar	(Alexandra)					6			20				26
NOVEMBER					100				1	-	-		-
Case		3	1			4			12		1	5	26
Kelley		3	1			4			24		1	3	26
Swaffar		3	1			4			14		1	3	26
								1	-			-	-
i Phi													1
		1								-			1

Write in	German, et			s de	voted	
Counties to be served for the Month	Description of work to be done in Counties	L. I. Case	Jack Kelley	Paul Swaffar		Total days to County
DECEMBER:				Ti.		
Carteret	Selecting purebred bulls	1				1
Davie Cates	L-H Pig Show Meeting of hog growers		1			1
Hertford Tyrrell	11 11 11 11 11 11 11 11 11 11 11 11		1	62		1 1
Haywood Caldwell	Beef Herd Management 4-H Baby Beef and Herd Management		-	3		3
JANUARY:						
Hertford	Work Stock Clinics	1				1
, Yancey Henderson		1				1
Buncombe	Herd Management	1				1 1
Anson	Livestock School	1	1	1		3
Cleveland Wayne	Better Sires Fattening for market	1				1
Union Camden	Meeting of hog growers		1			1
Northampton Pender	Ton Litter	-11-11-	1			1
Columbus	Meeting of hog growers		1			1
Onslow Yancey	Beef Herd Management		1	1		1
Ashe Rockingham	Meeting of beef cattle growers Beef Herd Management and Meeting			2		2
Stokes Pamlico	Meeting of beef cattle growers Work Stock Clinics			1		i
Wayne	Fattening for Market  L-H and Beef Cattle Meeting			1		1
Pitt	Work Stock Clinics Hereford Breeders Meeting	4	113	ł		ł

				s de	oted by	
Write in Counties to be served for the Month	Description of work to be done in Counties	L. I. Case	Jack Kelley	Paul Swaffer		Total days to County
FEBRUARY:						The state of
Pasquotank	Livestock School	1	1	1		3
Currituck		i	1	1		3
Hertford		1	1	1		3
Edgecombe	er tr	1	1	1		the same of the sa
Lenoir	N N	1	1	1		3
Beaufort	# R	1	1	1		3
Pender New Hanover		1	1	1		
Montgomery		1	1	1		3 3
Davidson Mecklenburg		ī	ī	î		3
Wilkes		1	1	1		3
Ashe		1	1	1	-	3 3 1
Greene	Herd Management	1				
Orange	Sheep Demonstration Work Stock Clinic	1				1
Granville Vance	4-H Pig Projects	-	1			1
Orange	0 0 0		1	-		1
Anson Bertie	Swine Management Farrowing House Demonstration		1			1
Pasquotank	Purebred Hog Sale		1			1
Brunswick	Meeting of Hog Growers Fattening for Market	+-	1	-		i
Scotland	Ton Litter		1	-		1
Wayne Cleveland	Herd Management	1	1.	1		1
Wilson	Better Sires & 4-H Calves			ī		1
MARCH:						
Granville	4-H Baby Beef	1				1
Duplin Alamance	Herd Management	1				l
		-	-			

				s de work		1	
Write in Counties to be served for the Month	Description of work to be done in Counties	L. I. Case	Jack Kelley	Paul Swaffar	On the second		Total day to County
MARCH Cont'd.						4/4	
Henderson	Herd Management	1			100		1
Union Bladen		1					1
Cumberland Iredell	Hereford Sale	1		1			1 2
Watauga Swain	Sheep School Beef Cattle and Sheep Management	1					1
Avery	Flock Management 4-H Pig Club	1	1				1
Caldwell Bladen	H 11 11		1				1
Lenoir Wilkes	" " " Brood Sow Project		1				1
Stanly Madison	# # # # # #		1				1
Beaufort	Purebred Hog Sale Ton Litter		1				1
Pitt Jones	Swine Grazing Hog Growers Meeting		1				1
Transylvania Pamlico	" " " "		1			T'	1
McDowell Surry	Herd Management			1			1
Cumberland Scotland	et 49 es 11			1			i
Bertie Watauga	" " Lemb Docking and Castrating			1			1
Guilford Orange	Baby Beef Tour			1			1
APRIL:						J.	
Northampton	Herd Management	1					1
Lincoln Madison		1					1
Wake Harnett	Fat Stock Show	1 2	2	2			3 4

Write in Counties to be served for the Month				Days devoted to work by					
	Description of work to be done in Counties	L. I. Case	Jack Kelley	Paul Swaffar			Total day to County		
APRIL Cont'd.						1			
Johnston	Fat Stock Show	2	2	2			6		
Montgomery Guilford	Field Day 4-H Fitting and Showing	1			VAL.		1		
Cleveland Watauga	Fattening for Market Sheep School	1					1		
Henderson Orange	4-H Pig Club		1			N. I	1		
Rutherford Mecklenburg	0 0 11		1			NA.	1		
Cleveland	R 0 0		1		F		1		
Mitchell McDowell			1				1		
Craven Yadkin	H H H		1		,		1		
Buncombe Forsyth	4-H Pig Show Tamworth Sale		1				1		
Durham Lenoir	Fat Stock Show	2	2	2			6		
Wayne Richmond	h-H and Purebred Sale	14	2	5			4		
Currituck	Brood Sow Projects Hog Growers Meeting		1		1,7		ì		
Columbus Duplin	Fat Stock Show Sow Testing		1	76			1		
Sampson Watauga	Sheep Shearing School	4.	1	1			1		
Chatham Union	Showing Baby Beeves Herd Management			1			1		
Bladen Cleveland	u u u u u u u u u u u u u u u u u u u	1		1			1 2		
MAY:									
Alleghany	Sheep Shearing School	1		1			2		
Ashe Haywood	4-H Club Baby Beeves	1					1		

Write in Counties to be served for the Month	Description of work to be done in Counties		Days to w				
		L. I. Case	Jack Kelley	Paul Swaffar			Total days
MAY Cont'd.							
Jackson	Herd Management	1					1
Burke Tyrrell		1					1
Watauga Anson		1		4 17			1
Gaston Forsyth	4-H Show and Sale	1 2	2	2			1 1 6
Iredell Davidson	0 0 0 0	1	~	-		3 2	1
Richmond Edgecombe	Plan for 4-H Show Flock Management	1	ik				1 2
Wake Rockingham	4-H Pig Club		1				1
Union Swain	H H H		1		W.		1
Martin Pasquotank	Fat Stock Show		1	1			2 2
Pitt Edgecombe	Swine Field Day		1				1
Bertie Tyrrell	Sow Testing		1	17 1			1
Wilson Pender		-	1		1		1
Anson	Sheep School for 4-H Club Members Fattening For Market		1	1			1
Watauga Davidson Franklin	Fattening For Market Herd Management			1			1
Columbus Pender	Livestock Field Day			1			1
Edgecombe +	Fat Stock Show	2	2	2			6

				s de work	voted		
Write in Counties to be served for the Month	Description of work to be done in Counties	L. I. Case	Jack Kelley	Paul Swaffar			Total days to County
JUNE:			Ti.				
Hertford	Cattle Meeting on Farm	1		1			1
Guilford Caldwell	4-H Fat Stock Show Herd Management	2	WA.	2			1
Stanly Harnett	0 0	1	14				1
Watauga Ashe	Ram Sale	1	-				1
Chatham Alamance	L-H Pig Club		1			7	1
Watauga Lee	Fat Stock Show	1 14	1	1			1 2
Gates Burke	Ton Litter Swine Grazing		1				1
Alleghany	Herd and Flock Management h-H Lamb Show			1			1
Watauga Hyde	Ram Sale Lamb Sale and Growers Meeting			1			1
Stanly	L-H Fat Stock Show	1					1
JULY:	The same of the same.	-			14		
Alexander	Herd Management	1		13			1
Stanly Watauga	Lamb Pool	1					1
Iredell Haywood	Field Day	1					1
Orange Franklin	4-H Pig Club		1	III.			1
Cumberland Hoke	H H H		1				1
Chowan Hertford	Sow Testing Swine Production		1				1
Carteret	Sow Testing		1				1
Madison Watauga	L-H Baby Beef Feeder Calves and Judging Team			2			2
Iredell Camden	Hereford Field Day Select Feeder Calves	-		1			1

			T.				P. Committee
Write in			D.	s de work		a .	
Counties to be served for the Month	Description of work to be done in Counties	L. I. Case	Jack Kelley	Paul Swaffer			Total days to County
AUGUST:		, mg				A	
Pasquotank	Herd Management	1					1
Mitchell		1		1/			1
Mecklenburg	Field Day	2	1	- (1)		1 (	ī
Transylvania	11 11	1				-	ī
Haywood	h-H Pig Club		1		TO K		ī
Cabarrus				-			1
Alexander			1				1
Henderson	11 11 11		1 1				1
Forsyth		2	1				1
Gaston			1				1
Wilson	Selecting Purebreds		1				1
Union	Sow Testing		1				1
Northampton	d d		1				ī
Cleveland	Great na Hoga		1				
Tyrrell	Grazing Hogs Purebred Sale		1				1
Cherokee	Field Day			1			1
Yancey	Herd Management and 4-H Baby Beef			1		- n	1
Surry	Angus Type Conference			1			1
Mecklenburg	Field Day			1			1
Bertie	Herd Management			1			ī
SEPTEMBER:			100				
Beaufort	Herd Hanagement	1					1
Anson	THE RESIDENCE OF THE PARTY OF T	1		100			
Lincoln		1					1
Cherokee	Beef Cattle Show	1	1				1
Watauga	Livestock Show at Fair	1		1	Lin		2
Haywood	Beef Cattle Tour	1					1
Caldwell	Judge Show	1					1
Forsyth	4-H Baby Beef Show	1					ī
Ashe	Feeder Calf Sale	2		2			4
Wake	Sow Testing		1				1
Forsyth	Selecting Purebreds		1				1
Montgomery	Field Meeting		1	4, 14		140	1
Iredell	4-H Pig Show		1		+		1

Write in Counties to be served for the Month		Days devoted to work by		A A Hire	
	Description of work to be done in Counties	L. I. Gase	Jack Kelley	Paul Swaffar	Total day to County
SEPTEMBER Cont	d				
Caldwell	4-H Pig Show		1		1
Greene			1		1
Bertie Hertford	Swine Tour Ton Litter	10.5	1		1
Hertiord Hyde	Purebred Sale		1		i
Nash	Meeting of hog growers		î		1
Guilford	4-H Baby Beef Show and Sale		10h	1	ī
Caldwell	4-H Baby Beef Show and Sale			1	1
Wake	Herd Management	-		1	1
Wilkes			320	1	1
Edgecombe				1	1
OCTOBER:					
Cabarrus	4-H Baby Beef	1			1
Buncombe	- 11 11	1		1	1
Brunswick	Beef Cattle Growers Meeting	1			1
Iredell	Hereford Sale	1	1	1	2
Watauga		1		1	2
Vance	4-H Pig Show	111	1		1
Durham	H H H STATE OF THE SECOND		1	200	1
Union			1		1
Bladen Mecklenburg		-	1	-	1 1
Chowan	Sow Testing	1	1		i
Jones	11 11		1	1	î
Onslow	4-H Swine Show		1	1	1
Pitt	THE RESERVE OF THE PARTY OF THE		1		1
Surry	Fat Stock Show			1	1
NOVEMBER:					
Anson	Herd Management	1			1
Stanly		1	1	11	1
Gaston	Baby Beef Show	1	-	-	1
Haywood	4-H Show and Sale	1		1	2

Animal Husbandry

1949 Line of Work Days devoted to work by Write in Counties to be Description of work to be done in Total days Jack Kelley served for the Counties to County Month NOVEMBER: Cont'd. Rockingham 4-H Pig Club 1 1 Orange 1 1 Pitt Purebred Sale 1 1 Buncombe 4-H Fat Stock Show 1 1 Mecklenburg Herd Management 1