

PLAN OF WORK

1969

ANIMAL HUSBANDRY EXTENSION

SITUATION

BEEF: Interest in beef cattle is growing in all parts of the State. The main interest is in expansion of cow herds as a means of utilizing land and crop residues. Stocker cattle offer excellent possibilities for expansion to utilize feed and labor. The feeding of animals for market using the grain-grass or high roughage feeding programs is showing a small increase. Producers are becoming more aware of the need to increase efficiency through improved breeding stock and feeding technology.

SWINE: Numbers of hogs in the State have been on the increase for the past three years. This is in contrast to the national trend with hogs. They are being favored by many Coastal Plains and Piedmont farmers as the logical way to increase income lost in production of acreage controlled crops. Interest in improvement of pork quality through new breeding and feeding processes is high among all producers. Size of operations are going up in all sections of the State.

SHEEP: Numbers and interest in sheep is at an all time low in the State and prospects for the future look dim. Expansion of numbers and income will be possible by the addition of a few large flocks producing lambs on an intensive program.

HERD HEALTH - For all classes of livestock becomes more critical with concentration of animals. Prevention and control of diseases and parasites are a must for economical production of any meat animal.

4-H LIVESTOCK PROJECTS: Youth projects will continue to be one of our best means of demonstrating to adult producers and the general public the shift to production of lean, meat type animals for tomorrow's markets.

STATE PURPOSE 020

<u>EST. MAN MONTHS TO BE EXPENDED</u>			
<u>2nd yr.</u>	<u>3rd yr.</u>	<u>4th yr.</u>	<u>5th yr.</u>
3	3	3	5

Many farmers living in the Albemarle Area will become more aware of the opportunity to increase their income through the addition of a swine enterprise on their farm.

As farms become larger and the margin of profit smaller producers will become more interested in the keeping of records and analysis by enterprise. The number of swine farmers using the electronic business records program will increase during the next 12 months.

Task Definition

Ext. Man Days

Task No. 01

To assist 15 farmers in the Albemarle Area to increase their farm income by the addition of a swine enterprise to their farm.

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Task No. 02

To provide information and assistance to ten county livestock agents to enable them to increase the number of farms using the swine electronic business record service by 25%. To assist in interpreting and using these records to improve the efficiency of operation and net income from swine.

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STATE PURPOSE 040

EST. MAN MONTHS TO BE EXPENDED
2nd yr. 3rd yr. 4th yr. 5th yr.

20 18 18 20

Producers will be more aware of the need to increase efficiency through the use of performance records. More non and low producing females will be culled from the herds. Breeding animals with performance records will be demanded by commercial producers and they will pay a premium to get these animals. Artificial Insemination will expand in use by both commercial beef and commercial swine producers. Planned breeding programs for efficient utilization of buildings, equipment and labor will be emphasized for swine herds. Breeding schedules that take advantage of existing feed and marketing programs will receive major attention in the beef herds.

Task Definition

Est. Man Days

Task No. 03

To provide information and assistance to 80 County Livestock Agents and 275 beef cattle producers on how to improve the weight and quality of their calf crop through correct use of the N. C. Beef Cattle Improvement Program.

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Task No. 04

To progeny test 175 litters for 30 purebred swine breeders through the N. C. Swine Evaluation Station. To assist the breeders in the interpretation and use of this data to improve their herds and to help County Agricultural Livestock Agents understand how to use this information to improve the swine income in their counties.

100

<u>Task Definition</u>	<u>Est. Man Days</u>
<u>Task No. 05</u>	
To weigh and probe 4,000 pigs for 16 purebred swine breeders and advise these breeders on how to use this data to improve their herds. To advise County Livestock Agents on how to use this data to select breeding animals that will increase the swine income in their counties.	<u>65</u>
<u>Task No. 06</u>	
To conduct beef cattle identification demonstrations in 10 counties, to train 10 county livestock agents in the technic of such demonstrations and to educate 150 producers on the value and use of identification in a record keeping program.	<u>20</u>

STATE PURPOSE 050

<u>EST. MAN MONTHS TO BE EXPENDED</u>			
<u>2nd yr.</u>	<u>3rd yr.</u>	<u>4th yr.</u>	<u>5th yr.</u>
45	43	43	42

Improved efficiency of operations in a requirement for the orderly growth of the Livestock Industry. Producers in all sections of the State will concentrate on the management of their herds to increase net income. Feed analysis and balancing of rations according to the analysis will gain favor with a growing number of farmers. Use of wheat, urea and additives to lower feed costs will expand during the next 12 months.

<u>Task Definition</u>	<u>Est. Man Days</u>
<u>Task No. 07</u> To provide information and assistance to seven livestock agents and 40 selected producers in the Wilson Area to improve efficiency and increase income of the cooperators and increase interest in swine production in the eight counties of the Wilson area.	<u>150</u>
<u>Task No. 08</u> To provide information and assistance to Extension Agents and members of the Albemarle Area Beef Cattle Association to improve production efficiency and increase net income from beef cattle.	<u>60</u>
<u>Task No. 09</u> To provide information and assistance to enable 70 swine farmers in the Albemarle Area to improve their production efficiency and increase their net income.	<u>75</u>

<u>Task No.</u>	<u>Task Definition</u>	<u>Est. Man Days</u>
<u>Task No. 10</u>	To provide information and assistance to 50 County Livestock Agents and producers in their counties on how to increase profits from a cow-calf operation by increased production efficiency and management.	<u>150</u>
<u>Task No. 11</u>	To provide information and assistance to County Livestock Agents on the problems of efficient production and management of horses.	<u>15</u>
<u>Task No. 12</u>	To provide information and assistance to 68 County Livestock Agents on how to improve profits in the commercial swine enterprises in their counties by increased production efficiency and management.	<u>100</u>
<u>Task No. 13</u>	To provide information and assistance through swine clinics and schools for producers to increase their net profit by upgrading management, increasing production and improving feed efficiency.	<u>50</u>
<u>Task No. 14</u>	To assist 15 County Livestock Agents in 15 different counties better understand how to teach 12,00 feeder pig producers to increase their production efficiency, increase their net income and enjoy an improved level of living.	<u>150</u>

Task Definition

Est. Man Days

Task No. 15

To conduct eight All Practice Beef and Forage Crop Demonstrations in six counties. To train six County Livestock Agents on the value of summer annuals in beef production programs and to collect cost estimates for use in our educational program to increase income through the production of adequate quality feed.

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Task No. 16

To assist four County Livestock Agents in conducting eight demonstrations on feeding limited grain on grass to finish cattle for market to increase the income of these eight producers and influence 80 other producers to follow the technics of the demonstration herds.

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STATE PURPOSE 059

<u>EST. MAN MONTHS TO BE EXPENDED</u>			
<u>2nd yr.</u>	<u>3rd yr.</u>	<u>4th yr.</u>	<u>5th yr.</u>
1	1	1	1

With the shortage of farm labor more producers are going to be interested in concentrating meat animals in smaller areas including both breeding herds and animals being finished for market. Early weaning of meat animals will be adopted by many producers this year to enable them to make a faster turn-over of animals in their facilities.

Task Definition

Est. Man Days

Task No. 17

To cooperate with County Livestock Agents in planning space allocation of facilities to enable individual producers to handle the maximum number of animals with the minimum amount of labor.

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Task No. 18

To cooperate with County Livestock Agents in planning for improved productivity of individual farms by earlier weaning of the animals to allow for maximum utilization of facilities and labor.

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STATE PURPOSE 190

<u>EST. MAN MONTHS TO BE EXPENDED</u>			
<u>2nd yr.</u>	<u>3rd yr.</u>	<u>4th yr.</u>	<u>5th yr.</u>
15	14	14	12

Meat animal producers will increase their efforts to market their animals and animal products in one of the cooperative sales this year. With production of both beef and swine on the increase producers will seek markets where they will receive maximum prices.

	<u>Task Definition</u>	<u>Est. Man Days</u>
<u>Task No. 22</u>	To provide information and assistance to 50 County Livestock Agents and 1500 producers to enable them to increase their income by marketing of feeder cattle through organized demonstrational sales.	<u>150</u>
<u>Task No. 23</u>	To assist 40 purebred breeders in marketing and to assist commercial swine producers in purchasing high quality performance tested breeding animals.	<u>50</u>
<u>Task No. 24</u>	To assist 100 producers of purebred breeding animals to market their animals to the commercial beef producers in our State.	<u>30</u>

STATE PURPOSE 064

EST. MAN MONTHS TO BE EXPENDED
2nd yr. 3rd yr. 4th yr. 5th yr.

6 6 6 8

Producers are going to be more interested in prevention and control of diseases and parasites this year. The elimination of all Cholera vaccination in swine and reduction of Bangs vaccination for cattle will contribute to renewed interest in control and preventive measures.

Treatment for internal parasites will be increased this year due in part to the narrow margin of profit expected the latter half of the year.

Task Definition

Ext. Man Days

Task No. 19

To furnish information and assistance to 388 practicing Veterinarians in the State to enable them to improve the Herd Health and income of their clients.

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Task No. 20

To provide information and assistance to 35 County Livestock Agents to enable them to increase the beef cattle income in their counties through advice to producers on increasing reproduction and decreasing nutritional disease problems in their beef herds.

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Task No. 21

To assist 25 County Livestock Agents increase the swine income in their counties by providing them with up to date information on parasite and disease control for use in their County Swine Herd Health Programs.

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STATE PURPOSE 550

<u>EST. MAN MONTHS TO BE EXPENDED</u>			
<u>2nd yr.</u>	<u>3rd yr.</u>	<u>4th yr.</u>	<u>5th yr.</u>
3	3	3	5

There will be an increase in the number of boys and girls with "non-meat" animal projects; such as, horses, dogs, rabbits, etc.

Meat animal projects will hold their own in numbers and will reflect the changes in meat animal type.

Task Definition

Est. Man Days

Task No. 25

To provide information and assistance to County Livestock and 4-H Agents to enable them to increase participation in livestock events; such as, demonstrations, shows, fairs and judging by at least 20%.

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STATE PURPOSE 580

<u>EST. MAN MONTHS TO BE EXPENDED</u>			
<u>2nd yr.</u>	<u>3rd yr.</u>	<u>4th yr.</u>	<u>5th yr.</u>
2	2	2	3

To increase interest in livestock projects, simple attractive instructions must be provided to both the Club Member and His Leaders.

Task Definition

Est. Man Days

Task No. 26

To revise and distribute to County Workers education materials relative to livestock projects. To assist in obtaining sponsors for State winners of Livestock Projects and assist with judging and selection of County, District and State winners in Animal Projects.

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STATE PURPOSE 960

<u>EST. MAN MONTHS TO BE EXPENDED</u>			
<u>2nd yr.</u>	<u>3rd yr.</u>	<u>4th yr.</u>	<u>5th yr.</u>
2	2	2	2

The turn over in personnel and reassignment of duties with the counties will make it necessary that we conduct two In-Service Training Courses during the year. Each course will be four and one-half days long. One will be on beef cattle production and the other on swine production.

Task Definition

Est. Man Days

Task No. 27

To provide in-depth in-service training in livestock production to 40 County Agricultural Agents during the year.

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STATE PURPOSE 980

EST. MAN MONTHS TO BE EXPENDED
2nd yr. 3rd yr. 4th yr. 5th yr.

21 20 20 19

Est. Man Days

400