

- I PLAN OF WORK
- II ANIMAL HUSBANDRY EXTENSION - 904
- III JULY 1, 1970 - JUNE 30, 1971
- IV SITUATION

BEEF: Prices are higher than any period during the past twenty years and numbers of beef cattle are growing rapidly in our State. We were second in the Nation in percentage of growth this past year. Most of the expansion and current interest is in cow herds and production of feeder cattle rather than feeding animals for market. The high cost of labor, the utilization of crop waste and the availability of additional acreage for pasture are all factors contributing to the interest in beef cow herds. The trend in this direction will continue during 1970-71.

SHEEP: Numbers of sheep continue to decline in spite of a favorable market for lambs and a satisfactory total income for wool. The number of sheep in the State will remain about the same while the number of farms with sheep will continue to decline.

SWINE: Numbers and income continued to grow as producers enjoyed favorable prices for both feeder pigs and top hogs. This trend is expected to continue even if prices do decline some during the coming year. The availability of a ready market, the leveling out of some of the sharp points in the price cycle and the opportunity for a potential profit over a period of years are all factors that have and will continue to interest farmers in all parts of the State to add and expand swine projects. Scale of operation will

become of greater importance as prices weaken and good labor continues to be in short supply.

V AREA OF MAJOR EMPHASIS

During the period covered by this Plan of Work all specialists in this section will place major emphasis on "Efficiency of Production." Prices of both beef cattle and swine have been favorable for the past two or three years and both are expected to show some weakness during the next twelve months. Therefore, in order to maintain net income at or near present levels we must educate producers to become more efficient. Three general production practices will receive special attention. They are as follows.

1. Selection of breeding stock. We now have over 5,000 purebred calves and over 4,000 pigs tested in our on-the-farm testing programs. In addition over 150 litters are tested through the swine evaluation station and about 500 bulls tested in on-farm or central feeding stations. The use of breeding animals with known records of performance will be emphasized in all educational meetings this year.
2. Feeding balanced rations. New crops, weather, new varieties, changes in cultural practices and methods of harvesting and storage all effect the value of feed used for livestock. Animals perform at greater efficiency when they receive a balanced ration.

The use of our forage and grain analysis program and incorporation of this data into a balanced, economical ration will be emphasized as a means of increasing the production efficiency of livestock in our State.

3. Herd Health. Disease and parasite prevention and control take on added importance as more animals are concentrated on our farms. Lowered feed efficiency and extra labor costs contribute more to loss of income than do actual death losses. Production practices that emphasize sanitation, limit stresses and follow proper utilization of drugs, chemicals and feed additives will receive special attention during the year as a means of increasing our total production efficiency.

VI TASKS

STATE PURPOSE 020

TASK DEFINITION

EST. MAN DAYS

Task No. 01

To assist 60 farmers in the Albemarle Area to increase their farm income by the addition of a swine enterprise to their farm.

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STATE PURPOSE 040

TASK DEFINITION

EST. MAN DAYS

Task No. 02

To provide information and assistance to 70 County Livestock Agents and 250 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.

200

Task No. 03

To progeny test 135 litters for 35 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.

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Task No. 04

To weigh and probe 6,000 pigs for 26 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.

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<u>Task No. 05</u>	<u>TASK DEFINITION</u>	<u>EST. MAN DAYS</u>
	To conduct beef cattle identification demonstrations in 5 counties, to train 5 County Livestock Agents in the technic of such demonstrations and to educate 100 producers on the value and use of identification in a record keeping program.	<u>10</u>

STATE PURPOSE 050

<u>Task No. 06</u>	<u>TASK DEFINITION</u>	<u>EST. MAN DAYS</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. 07</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>70</u>
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<u>Task No. 08</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>65</u>
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TASK DEFINITION

EST. MAN DAYS

Task No. 09

To provide information and assistance to 60 County Livestock Agents and producers in their counties on how to increase profits from a cow-calf operation by increased production efficiency and management.

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Task No. 10

To provide information and assistance to County Livestock Agents on the problems of efficient production and management of horses.

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Task No. 11

To provide information and assistance to 50 County Livestock Agents on how to improve profits in the commercial swine enterprises in their counties by increased production efficiency and management.

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Task No. 12

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.

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Task No. 13

To assist 15 County Livestock Agents in 15 different counties better understand how to teach 12,000 feeder pig producers to increase their production efficiency, increase their net income and enjoy an improved level of living.

120

	<u>TASK DEFINITION</u>	<u>EST. MAN DAYS</u>
<u>Task No. 14</u>	To conduct six 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.	<u>20</u>
<u>Task No. 15</u>	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.	<u>30</u>
<u>Task No. 16</u>	To assist County Livestock Agents and producers in improving the feeding and management of stocker cattle.	<u>35</u>
<u>Task No. 17</u>	To assist County Livestock Agents and producers in improving the feeding and management of sheep.	<u>15</u>

STATE PURPOSE 059

	<u>TASK DEFINITION</u>	<u>EST. MAN DAYS</u>
<u>Task No. 18</u>	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.	<u>10</u>

STATE PURPOSE 064

TASK DEFINITION

EST. 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 35 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 190

	<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>200</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>20</u>
<u>Task No. 25</u>	To assist Livestock Agents and producers in the cooperative marketing of stocker cattle.	<u>25</u>
<u>Task No. 26</u>	To assist Livestock Agents and producers in the cooperative marketing of lambs and wool.	<u>15</u>

STATE PURPOSE 550

TASK DEFINITION

EST. MAN DAYS

Task No. 27

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.

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STATE PURPOSE 580

TASK DEFINITION

EST. MAN DAYS

Task No. 28

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

TASK DEFINITION

EST. MAN DAYS

Task No. 29

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 DAYS

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