

NORTH CAROLINA AGRICULTURAL EXTENSION SERVICE

PLAN OF WORK

AGRICULTURAL PRODUCTION, MANAGEMENT AND NATURAL RESOURCE USE - PROJECT III

Title of Project

EXTENSION ANIMAL HUSBANDRY

Section

1967-68

Fiscal Year

| Name and title of worker                                  | Percentage of Time<br>Devoted to Entire<br>Project by Each worker |
|---|---|
| <u>A. V. ALLEN</u><br>Project Leader                      | 100 %   |
| <u>J. S. Buchanan, Beef Cattle &amp; Sheep</u>            | 100 %   |
| <u>R. L. McGuire, Beef Cattle (Performance Testing)</u>   | 100 %   |
| <u>Clint Reese, Beef Cattle, (Performance Testing)</u>    | 100 %   |
| <u>J. R. Jones, Swine</u>                                 | 85 % -15% Exp. Station  |
| <u>D. G. Spruill, Swine</u>                               | 100 %   |
| <u>J. R. Woodard, Swine (Performance Testing)</u>         | 100 %   |
| <u>R. W. Swain, 4-H Club Work</u>                         | 75 %  |
| <u>R. F. Behlow, Extension Veterinarian</u>               | 100 %   |
| <u>J. W. Parker, Livestock Specialist, Albemarle Area</u> | 100 %   |
| <u>C. M. Stanislaw, Livestock Specialist, Wilson Area</u> | 100 %   |
| _____   | %   |
| _____   | %   |
| _____   | %   |
| _____   | %   |

Signed \_\_\_\_\_  
State Director of Extension

Date Recommended \_\_\_\_\_

Signed \_\_\_\_\_  
Administrator, Federal Extension  
Service, U.S. Department of  
Agriculture

Date Approved \_\_\_\_\_

1967-1968 PLAN OF WORK

FOR

ANIMAL HUSBANDRY EXTENSION

IN

NORTH CAROLINA

A. V. ALLEN  
IN CHARGE, EXTENSION ANIMAL HUSBANDRY

ROBERT F. BEELOW  
EXTENSION VETERINARIAN

J. S. BUCHANAN  
EXTENSION ANIMAL HUSBANDRY SPECIALIST

JAMES R. JONES  
EXTENSION ANIMAL HUSBANDRY SPECIALIST

ROBERT L. MCGUIRE  
EXTENSION ANIMAL HUSBANDRY SPECIALIST

JACK W. PARKER  
AREA SPECIALIST, EXTENSION ANIMAL HUSBANDRY

DAVID G. SPRUILL  
EXTENSION ANIMAL HUSBANDRY SPECIALIST

CHARLES M. STANISLAW  
AREA SWINE SPECIALIST, EXTENSION ANIMAL HUSBANDRY

ROBERT W. SWAIN  
EXTENSION ANIMAL HUSBANDRY SPECIALIST

CLINT M. REESE  
EXTENSION ANIMAL HUSBANDRY SPECIALIST

J. R. WOODARD  
EXTENSION ANIMAL HUSBANDRY SPECIALIST

## ANIMAL HUSBANDRY PLAN OF WORK

1967-1968

In the meat animal field both beef cattle and swine offer excellent potential for increasing farm income during the next several years. New herds and/or production units can be profitably added on farms in all sections of the State. Present producers can increase their income from livestock by making maximum use of the technical information available to them. During this current year increasing feed and labor costs along with declining prices for their finished product will accent our emphasis on more efficient management practices.

BEEF CATTLE

Expansion of all types of beef production is desirable but special attention this year will be given to the stocker and cattle feeding programs. Crop residues, cover crops and proximity to year round feed lots are the reasons for giving special attention to the stocker program in the northeastern part of the State. Large yields of corn silage and local demand are reasons

for promoting the stocker program in the mountain and foothill counties. Result demonstrations in several counties will be used to promote more cattle feeding projects. Small herd owners feeding out their own calves and the grain-grass methods of finishing will be featured in these demonstrations.

Improvement of income from present cow and calf herds will be stressed throughout the year. Management practices that will receive special attention will include: (1) Use of performance data to select and cull breeding herds, (2) Controlled breeding to have majority of calves born during the most desirable months for maximum profit, (3) A planned feed program that will keep the level of nutrition up to the point necessary for performance under a controlled breeding plan, and (4) A disease prevention and parasite control program that will allow for profitable utilization of feed. A special effort will be made to add more purebred Angus herds to the Performance Testing Program.

#### SHEEP

There is a potential for the expansion of sheep numbers in the mountain and northern piedmont counties. However, producers in these areas have not shown much interest in sheep in the past few years and are not expected to show an increase in interest during the current year. Present producers will be assisted

through our programs for cooperative marketing of lambs and wool. Sources of breeding stock will be published in our newsletters and specific assistance for production problems will be provided as requested by local agents.

#### SWINE

New production units will be encouraged in all parts of the State. Feeder pig production will be especially emphasized in the piedmont area. Finishing projects can be added anywhere in the State but present marketing facilities are best in the eastern section.

Herd health will receive special attention this year. We will assume the educational portion of the drive to eradicate Cholera from the State. A new parasite control program has been developed and will be stressed in all educational meetings and result demonstrations.

A new on-the-farm performance testing program has been put into practice with a limited number of purebred breeders in the State. In addition to working with these producers our educational program will include explaining the value of such a program to other purebred and commercial breeding herd owners.

A new swine business records program will be continued with

fifteen to twenty producers. The main effort this year will be to make the program workable with the minimum effort on the part of the producer. Records will be used to point up management weakness in the farm program.

Other management practices that will receive special emphasis this year include: (1) Controlled feeding of the breeding herd, (2) Graded feeder pig markets and (3) Adequate housing for the swine enterprise.

AREA SPECIALIST - WILSON AREA

The Area Specialist approach will continue to be used in the eastern North Carolina counties of Edgecombe, Greene, Johnston, Lenoir, Nash, Pitt, Wayne, and Wilson to supplement the County Extension programs. This area program is designed to work intensively with several producers or cooperators in each county. In this manner these cooperators can serve as demonstration swine enterprises for the remainder of the producers in the area. As the area program progresses, attempts will be made to evaluate the effectiveness of this extension teaching method and the influence of the area program on the swine industry of the area. The results of this evaluation can then be used to guide area programs in the future.

AREA SPECIALIST - ALBEMARLE AREA

The main beef cattle projects for this year will be to expand the present feeder calf sale and lay concrete plans for a stocker cattle sale in the spring of 1968. This will include working with a few producers in each county to plan the feed program and get the necessary facilities to handle stockers this winter.

Control of parasites will be one of the main swine projects for the year. The present phase of the program includes educational meetings on methods of control and arranging a tour of each county group to the regional diagnostic laboratory for a demonstration on the diagnosis of parasite problems.

The housing project will continue to receive special attention. In addition to the slotted floor farrowing houses a major effort will be made to encourage construction of other swine buildings in the area and to evaluate the desirability of all these structures for the Albemarle Area.

OTHER WORK AREAS

The projects now underway in the department will be continued and improved during the year. These projects include the operation of the swine evaluation station, the beef cattle improvement program, marketing programs for feeder calves, stockers and yearling steers and routine herd health programs. The 4-H club meat animal projects will be emphasized by all members of the department and special

attention will be given to the preparation of material for use  
by project leaders.

