

## Agricultural Foundation Meeting Oct. 7

By: Vernon H. Reynolds  
County Extension Chairman

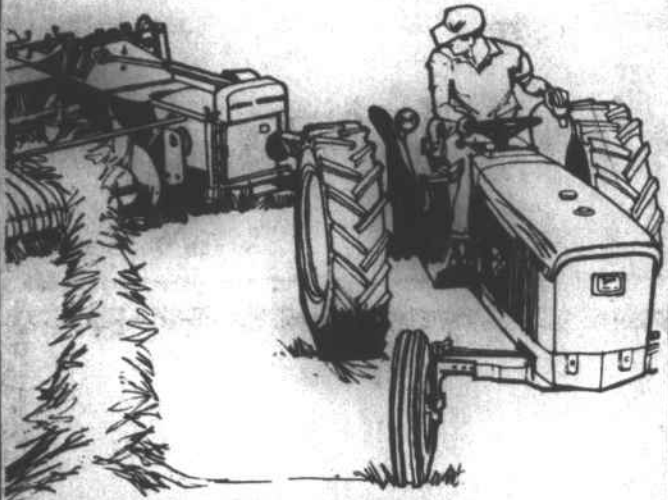
ton to the North Carolina Agricultural Foundation and are thereby members of the Agricultural Foundation. The money collected from the assessment on feed and fertilizer is used for agricultural research and education.

The purpose of the Duplin County meeting will be to nominate a director to serve on the

A meeting will be held in the Agricultural Building in Kenansville at 8 p.m., Monday, October 7, for all Duplin County members of the North Carolina Agricultural Foundation. All people who buy feed and fertilizer pay five cents per

### Congratulations Poultry Growers

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**PINK HILL SUPPLY CO.**

Pink Hill, N. C.

Four Duplin 4-H members exhibited blue ribbon winners at the annual show and pullet sale held in Kenansville last week. Left to right: Dana Lewis, son of Mrs. Betty Smith, Albertson; Charles Ivey, son of Mr. and Mrs. C.C. Ivey Jr., Rt. 2, Mount

Olive; Barbara Herring, daughter of Mr. and Mrs. Bob Scott Herring, Rt. 2, Pink Hill; and Steven Douglas Williams, son of Mr. and Mrs. Kermit Williams, Kenansville. (Photo by Ruth Wells)

Board of Directors of the Agricultural Foundation for the next four years. Each county in North Carolina is entitled to one member on the Board of Directors, and they determine how the money collected will be spent.

All Duplin citizens who buy feed and fertilizer are invited to attend and participate in this meeting to nominate a director.

### JSI Enrollment Up 50%

James Sprunt Institute began its fourth academic year with a 50% increase in the enrollment of full-time students who number 191 for the fall quarter. These students are enrolled in diploma and degree programs in the vocational and technical areas.

Over 200 part-time students have already enrolled in 17 extension programs underway and additional enrollment is anticipated as new programs begin each week at James Sprunt Institute and throughout the County.

Dixon Hall, President of James Sprunt Institute relates that as we enter a new year, it promises to be a most challenging and rewarding one to students, faculty, and staff and that our objective is to train the citizens of our area to become professionally skilled in the area of their choice.

Seven new members have been added to the staff to fulfill the requirements of additional enrollment and expansion. James Sprunt Institute has increased its staff from 2 in 1964 to 31 full-time staff members at present. Those added this year are:

- Myra West of Warsaw, N.C. --- Business Administration
- Retha Dixon Brown of Rose Hill, N.C. --- Business Instructor
- Marian Hinson of Rose Hill, N.C. --- Business Instructor
- Huetes Whiteside of Burgaw, N.C. --- Commercial Art and Advertising Design
- Stephen Blanton of Teachey, N.C. --- Cosmetology Instructor
- James C. Edmundson of Warsaw, N.C. --- Dean of Applied Arts and Sciences
- Carl Price of Warsaw, N.C. --- Dean of General Education

Construction will begin in January on a \$324,000 shop building to accommodate the need for additional space in the training programs. This will add 18,000 sq. ft. of space to the present facilities.

### New Aids Sought For Beef Animal Selection

Milk production and butterfat content, traditional concerns of dairymen, may also become important concerns of beef producers.

Another big change that could occur in the beef business is a new focus of attention on post-weaning performance of the calf. Traditionally, performance and quality have been judged largely on the basis of calf weaning weight.

Researchers at North Carolina State University are probing these areas of beef production in an effort to provide farmers more reliable guidelines to use in selecting bulls and cow-herd replacements.

Explaining some of the reasons why the research project was begun, Dr. O.W. Robison points out that "much emphasis has been placed on performance testing of bulls after weaning." He added, "there also has been concern that bulls selected on that basis may not produce good cow-herd replacements."

"We want to see if there is any antagonism between the two factors, post-weaning performance and milking ability of the cow," Robison explained. To help illustrate the problem, here is a hypothetical

example:

A cattleman follows post-weaning performance testing information in selecting his bull. Theoretically, he could end up having selected a bull that will sire heifers that will be poor milkers although their calves do well after weaning.

Another area under study is the milking ability, both qualitative and quantitative, of the beef cow. Using Herefords, Robison found that these beef dams produced an average of 13.2 pounds during the first month of lactation to about 7 pounds during the seventh month.

This, of course, is far below the output of a dairy Holstein. On the other hand, the Herefords used in the test appeared to produce milk more consistently than what is considered normal for some dairy breeds. That is, the milk flow didn't vary as much during the course of the milking period.

The content of the Hereford milk is also being analyzed in the research. "We want to find out what role fat and protein content play in the performance of the calf," Robison said. "This is an area which cattlemen hardly consider, yet it may be quite important."

The researchers have found a range of butterfat content in Hereford milk of 1.3 to 6.2 per cent, or an average of 3.9. Holsteins in the N.C. State University herd produced milk with a 3.4 per cent fat content.

There was little difference the protein content of the Hereford and Holstein milk. Both averaged about 3.7 per cent.

"It is generally accepted that a beef cow that is a good milker, grows the best calf," Robison said. "But it might be that a poorer milker, in terms of total production, nurses a faster growing calf because her milk is richer in butterfat."

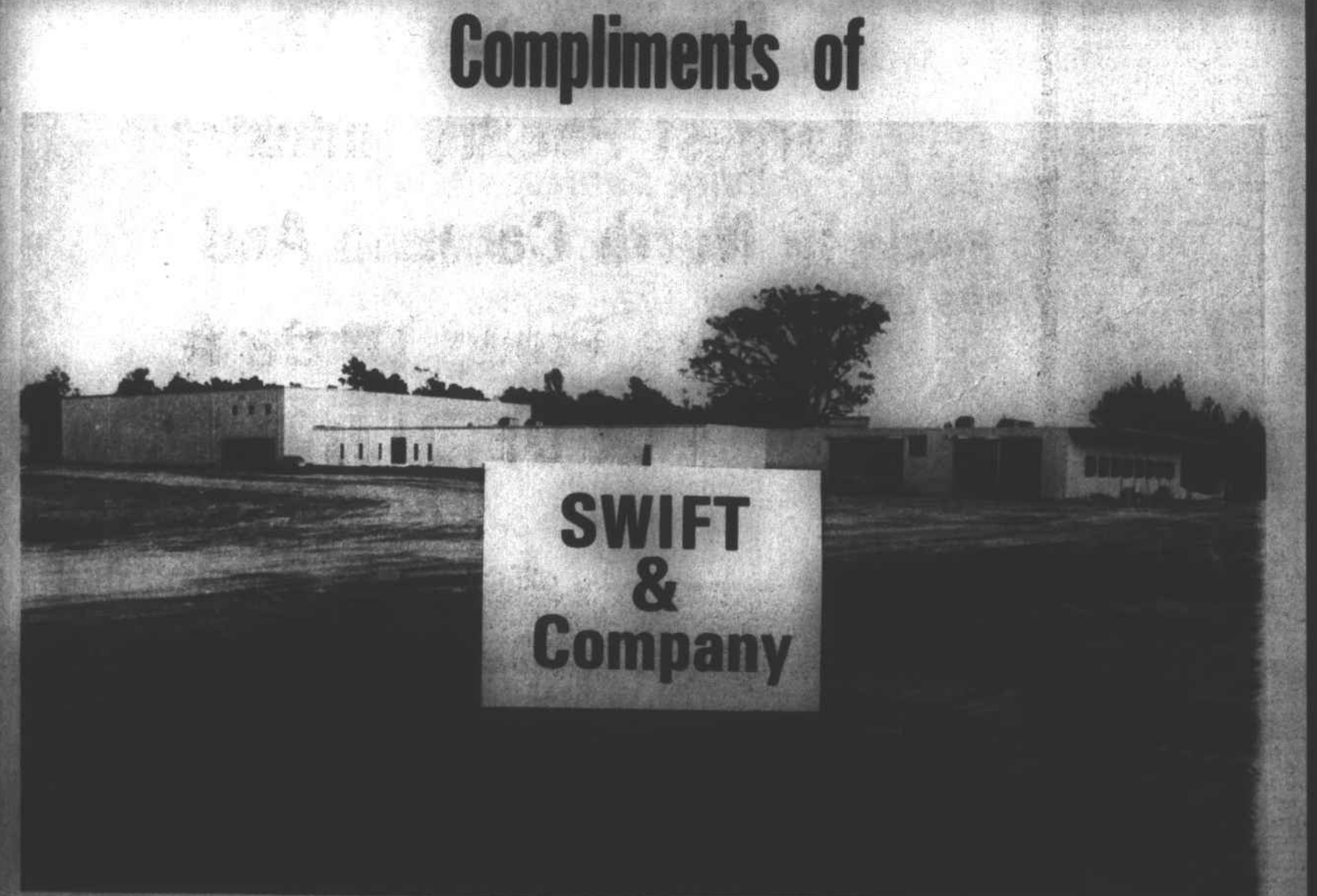
"These are the kinds of things we are exploring. We feel there is a definite need for more information that farmers can use in selecting herd replacements and herd sires. We haven't looked at the component parts of the elements we've used in making these decisions in the past."

"I think it is generally agreed that we need to look further than calf weaning weight in selecting herd replacements and further than post-weaning gain in selecting bulls."

SAY YOU SAW IT IN THE TIMES - SENTINEL



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Mr. Gordon Muldrow

"Poultry business has been a Godsend to the area," said Mr. Gordon Muldrow, Justice of the Peace, insurance agent, and former Mayor of Beulaville.

Mr. Muldrow feels that poultry is equally as important to the economy of the area as is industry. It has in his words "been stabilizing the farmer."

"Actually," he elaborated, "it has allowed many farmers to remain farmers."

Then too, it has been nice for insurance agents as almost all poultry houses are insured. Many new homes in the area are being paid for with money earned in the poultry business as well as new cars.

Mr. Muldrow is a veteran insurance man, having been in the business for 36 years. He has served his community as a justice of the peace for 34 years.

The Town of Beulaville made great progress during the seven years Mr. Muldrow served as Mayor. He resigned when the legislature passed a law that an individual could not hold two offices. His administration received the bond money for town sewer, which he endorsed and turned over to the new mayor.

Mr. Muldrow probably holds some sort of a record in that during his tenure in office 87 new homes were built in Beulaville, 28 places of business, and 40 or more houses remodeled and 3 new churches.

The poultry business contributed to this progress.

## Welcome

To Rose Hill And The 6th Annual Poultry Jubilee

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