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Progress Report

FIELD CROPS

The major emphasis was placed on chemical application equipment, grain drying, curing peanuts, and storage of grain and peanuts.

Forty-one extension agents from across the state received extensive training in agricultural chemicals and chemical application and these agents conducted training schools for dealers and applicators who must be licensed under the North Carolina Pesticide Act. The pesticide training manual was completed for this training and has received wide distribution. The extension agricultural engineer prepared the equipment section and the calibration section of the manual, and conducted the agent training in the machinery and calibration areas. A special school was also conducted for aerial applicators. An extension folder was prepared on sprayer calibration for use out in the field.

Since peanuts are all mechanically harvested and cured, the marketing time has been shortened. This along with marketing program changes has created a marketing problem during the harvesting season. Alternative ways to store the peanuts on the farm have been studied, along with a continuing program on quality peanut curing.

An extension bulletin was prepared on grain drying and is now at press. Grain drying is rapidly expanding in North Carolina and extensive extension work in this area is continuing.

POWER MACHINERY

A Tractor Pulling Contest was conducted at the North Carolina State Fair and was a great success. The extension agricultural engineer is continuing to serve as co-chairman of this event and plans have been made for another pulling contest.

4-H

4-H work received a major emphasis this year. A series of one-day training

schools for extension agents was conducted in each district on energy conservation. One of the 4-H electric project manuals was also revised to include energy conservation.

The 27th 4-H Electric Congress was conducted at Durham with approximately 180 boys and girls and 75 adults attending. The Electric Congress is sponsored by the electric companies in North Carolina and is an award for work in the 4-H Electric Project. The program consists of an education program, tours, recreation, and presentation of awards.

4-H electric demonstration district contests were conducted in each extension district with a State Demonstration Contest during 4-H Congress.

An Auto Skill Driving Contest was also conducted during 4-H Congress, and a regional skill driving contest was conducted in North Carolina for the Southern States by the extension agricultural engineer and the 4-H specialist.