Page Ten



LIN BUMGARNER 3 Miles West on Highway 421 Phone 26-F-21, North Wil

vaccine in treating the disease. The use of live vaccine has here-THURSDAY It's Stacked With and

Laughin' - Lovin' FRIDAY December 15-16 And Lots, Lots More!

ern North Carolina.



By RIXIE HUNTER tofore been prohibited in this State except in special instances. (In Winston-Salem Journal) Dr. Beaudette briefly outlined Dr. F. R. Beaudette of the the history and the symptoms of poultry department of Rutgers the disease, explaining that it 500 poultrymen here Thursday has never been as bad in the niversity told approximately United States as in other counnight they had no reason to be

VIRUS FOR NEWCASTLE DISEASE

**POULTRY SPECIALIST URGES LIVE** 

alarmed about the outbreak of tries. In most countries, he said, the Newcastle disease in Northwestmortality rate usually has been 100 per cent, but the highcst Poultrymen and interested mortality rate in the United farmers from Forsyth, Wilkes,

States was 80 per cent in Utah Surry and other counties packed last year. the Town Hall here to hear Dr. Mortality Rate Light Beaudette, a recognized poultry The disease in this section has specialist, urge the use of a live had a very light mortality rate, a survey of poultrymen showed

yesterday. Dr. Beaudette explained that the mortality rate depends on the strain of the virus with which the chicken is infected and the age of the chicken. The younger the chicken, he said. the heavier the death rate.

The disease starts like a cold, he added, and is often confused with Vitamin E deficiency and other respiratory diseases. It may be transmitted by visitors to chicken farms, used feed bags, wild birds and chicken mites, he said.

The virus will live outside the chicken, but not for more than 72 hours, and the disease is not as contagious as people here have been led to believe, he added. The disease can not be inherited through the egg, he said. The longer the disease goes unchecked in an area, however, the higher the mortality rate will become, the poultry specialist said.

Then, turning to the subject of vaccination, Dr. Beaudette, who county agents here said is connected with a laboratory manufacturing live virus vaccine, commented:

"All successful immunization or vaccination for all diseases have been accomplished with live agents. "In dead virus vaccine, the

best immunization you can hope to achieve is 85 per cent if the chickens are old enough and less in younger chickens."

Dr. Beaudette also said the immunization period created by use of a dead virus vaccine would last no longer than four months and in some cases only three weeks.

He strongly supported use of ve vaccine, saying "a proper ly prepared live virus -vaccine should not cause more than two per cent mortality in young chickens. "We have every reason to be lieve that the duration of such immunization is for life." He added that the danger of spreading the disease through the use of live virus vaccine was not too great. His department vaccinated 125,000 chickens in New Jersey, he said, and in only one case was the disease spread to other chickens. He also stressed that parental immunity caused by live vaccine is handed down through the egg and will cause the offspring to be immune to the disease for four weeks after it is hatched. Dr. Beaudette said live waccine would cut down on the egg production of laying hens, but | that they would be back to normal production in four weeks. "Do not vaccinate day-old



chicks with live vaccine, however," he said. Poultry farmers in this area igreed that the disease does not seem to be killing many chickens. E. M. Huffman, hatchery owner, said he knew a man with 3,000 small chicks and that all. but 600 died when the disease hit, but he knew another man with 4,500 broilers who lost only 10 per cent and a third man with 1,800 laying hens who lost ony one per cent although egg

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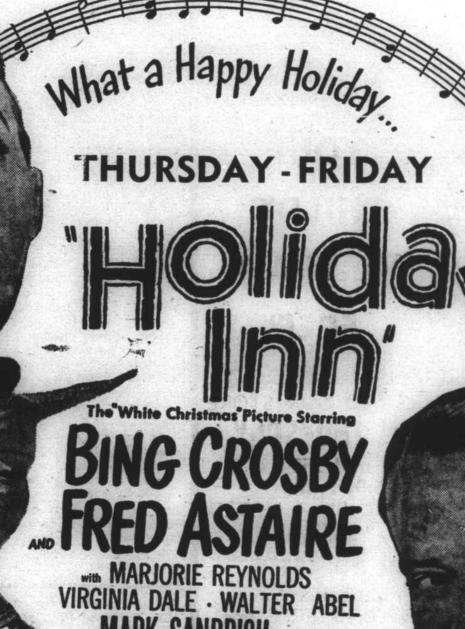
production dropped to zero. Dr. H. J. Rollins, State veterinarian; Dr. L. M. Greene, poultry pathologist of the State Department of Agriculture and Dr. B. F. Cox, research veterinarian at State College, were all present at last night's meeting. -0-

The leading project of Cashiers Home Demonstration Club members in Jackson County during the past few years has been the establishment of a community health center which devotes its entire time to preventative medicine, according to Mary E. Johnston, county home demonstration agent for the State College Extension Service.

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