

● **FFA-Agribusiness**

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The agribusiness program is designed to meet present and future needs for more skilled people in non-farm agricultural occupations. It is a fact that only 11% of our population in the United States is employed directly in farming,

but 40% of the population is employed in an agribusiness dependent upon farming. The time is gone when every rural boy interested in agriculture can find a place on his own farm, and people interested in agriculture, with farm backgrounds, are needed in the growing industries which surround agriculture. This

work experience gives the boy an opportunity to personally explore some of the available opportunities.

The cooperation of the participating business people has been excellent, and there were more opportunities than boys this year. It is hoped that the program will prove useful and will be expanded in the fu-

ture. The seniors participating in the agribusiness work experience phase the past six weeks were: William Fisher, Robert Yelk, Robert Witwer, LaVerne Good, Fred Nolt, Jerry Trout, Marlin Benner, Raymond Bowman, Warren Good, and Glenn Hoover.

● **Water Belly**

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a basic diet of sorghum grain, cottonseed meal and hulls, and molasses — without ammonium chloride — 38 percent of the lambs and 83 percent of the steers developed urinary calculi.

When ammonium chloride was added to the basic diet, the incidence of stones was entirely eliminated among the steers and reduced to 10 percent among the lambs. The ammonium chloride was fed at a rate of 1 1/2 ounces daily to the steers and 1/4 ounce daily to the lambs.

Stones among those lambs still affected after treatment were very small and passed easily in the urine. None of the test lambs fed ammonium chloride became ill or had stones in the urinary tract when they were slaughtered.

Sodium chloride (table salt) is added to the diets of farm animals in certain areas of the Southwest as a control measure against urinary calculi. In the Texas tests, however, sodium chloride reduced the incidence of the disease by only 7 percent, and some of the lambs still became ill. Tests with other susceptible animals are planned.

In the 3 year test, 83 percent of steers on the basic diet had stones in their bladders. None of the steers supplemented with ammonium chloride had stones.

Ammonium chloride is the best supplement found, to date, for lambs and cattle. Research on other susceptible animals will have to be conducted before it will be known if this supplement will universally reduce incidence of calculi.



RAYMOND BOWMAN, East Earl R1, spent six weeks at Victor Weaver's Poultry Processing Co. Here he is packaging fresh poultry. Ray spent one week Ford Equipment Co., and at Snavely's Farm Equipment Co. He is shown here learning the finer points of over-ment, assembly line, maintenance dept., and in the hauling a tractor engine from Alvin Martin, Service records office.

MARLIN BENNER, Denver R1, a senior Vo-Ag student, spent three weeks working at Sauder Bros. Co. He is shown here learning the finer points of over-ment, assembly line, maintenance dept., and in the hauling a tractor engine from Alvin Martin, Service Mgr. at Snavely's.



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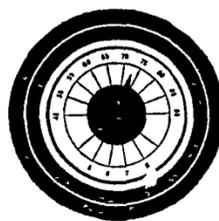
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