

Supplement Food Needed For Hogs

Fish Meal, Tankage And Oil Meals Will Be Scarce During Coming Months

The scarcity of supplement feeds for hogs, namely fish meal, tankage and most of the oil meals will be a serious handicap to hog growers during the coming months unless definite plans are made in advance to meet this situation, says Charles D. Raper, county agent.

Three suggestions that should be helpful are:

1. Conserve high protein feeds, especially fish meal and tankage, for sows and suckling pigs;

2. Fully utilize grazing crops as soybeans, lespedeza, clover and small pastures.
3. Utilize waste peanut and soybean field residues during the fall months.

Feeding weaned pigs and fattening hogs: Pigs and hogs weighing above 50 lbs. do well on grains that are properly balanced with succulent pasture, minerals and protein supplements from soybean, cotton seed or peanut oil meals. If self feeding is desired, shelled corn, coarsely ground wheat or finely ground barley can be placed on one compartment of the feeder and one of the following protein mineral mixtures can be placed in another compartment:

1. 30 lbs. soybean oil meal, 30 lbs. cotton seed meal, 30 lbs. peanut oil meal, 8 lbs. ground limestone, and 2 lbs. salt.

stone, and 2 lbs. salt.

2. 45 pounds cotton seed meal, 45 lbs. soybean meal, 2 lbs. ground limestone and 2 lbs. salt.

3. 85 lbs. soybean or peanut oil meal, 8 lbs. ground limestone, 5 lbs. steamed bone meal, and 2 lbs. salt.

If hand feeding is preferred, a mixture of 85 lbs. of ground grains and 15 lbs. of ground protein mineral mixtures is suggested, if protein supplements are not available at all. Pigs above 45 lbs. will make fairly good gains on soybean lespedeza clover or small grain pastures, if they receive daily 1 pound of grain per 100 pounds of live weight and have free access to a mineral mixture as 10 lbs. of ground limestone, 5 lbs. of steamed bone meal and 2 lbs. of salt. The gleanings of peanut and soybean fields should be utilized until the late fall rains set in feeding a little grain and the mineral mixture. Do not glean or "hog down" swollen and decayed soybeans or peanuts, as heavy losses occur annually from this practice.

Feeding breeding animals: Temporary pastures will provide both exercise and needed green feed for bred sows and gilts. If they are on soybeans, lespedeza or clover pasture, only the mineral mixture and enough grain to keep them in good breeding condition is necessary until 30 days before farrowing time. Beginning 30 days before the pigs are born, they should have a little fish meal, tankage or surplus milk each day. If pasture is not available, feed good, green colored legume hay in a rack. Do not permit the bred sow or gilt to become too fat by farrowing time.

Feeding the sow and suckling pigs: place the sow on temporary pasture to farrow. Feed her sparingly, then do not full feed her until her pigs are about two weeks old, then hand feed the sow a mixture made of 3 to 5 lbs. of fish meal or tankage, 20 to 32 pounds of oil meals, 1 lb. of ground limestone, 1/2 pounds of salt and 70 to 75 pounds of ground steamed bone meal.

Young Tarheels Exhibit Cattle

1947 Junior Dairy Shows Mark Big Improvement In Program Which Was Instigated In 1941

BY J. A. Arey
Dairy Extension Specialist

The 1947 Junior Dairy Cattle Shows were the most successful ever held by North Carolina young people. From every standpoint, they were the best since these shows were started in 1941 as a means of stimulating more interest among North Carolina people in the development of good dairy cattle. More shows were held, more cattle were exhibited, more money paid out as premiums and the quality of the animals shown was better than ever before.

The first or Upper Piedmont Junior Dairy Cattle Show was held at Statesville in 1941. This show was made possible by the generous offer of the Belk Stores of that section of the state to provide premium money for a period of five years. This show has been held each year since 1941 and has been one of the most successful. In 1943 a second show known as the Central Piedmont Junior Dairy Cattle Show was started at Lexington with the premiums being provided by the Coble Dairy Products Company. This show has been held each year since and on an average has had the largest number of exhibits. Boys and girls are eligible to exhibit their calves in this show from any county in which the Coble Dairy Products Company purchases milk.

In 1944 the Eastern Carolina Junior Dairy Cattle Show was established to serve the eastern part of the state. Again, the Belk Company and its associate stores came to the rescue and provided premiums for this show, which covers about thirty eastern Carolina counties.

The fourth show known as the Western Carolina Junior Dairy Cattle Show was started at Asheville in 1945. This show covers the Western Carolina Junior Dairy Cattle Show was started at Asheville in 1945. This show covers the mountain counties and the premiums have been provided by the Asheville Merchants Association.

In these four district shows 967 animals were exhibited last year by boys and girls from 10 to 20 years of age.

Banquets
A feature of each of the district shows was a banquet held the night previous to the show. These banquets were given for the young people exhibiting cattle and for their leaders. An outstanding speaker was secured for each banquet. The cost of the banquet was usually born by the organization which provided the premiums.

The rapid development of these shows is evidence of the great interest being taken by the North Carolina young people in good dairy cattle.

Judging
The Danish system of judging is used in these shows. Instead of the animals in each class being placed numerically they are divided into three groups—the Blue, the Red and the White, according to quality. Each animal receives the same premium money throughout each group. With the district shows the cattle are delivered to the show barn on the afternoon before the show. This makes it possible for each boy and girl to have his or her animal in top condition for the show.

Negro Shows
In addition to the four district shows for white children, three district shows for negroes were set up during 1947. One at Rocky Mount, the premiums for which were provided by the Rocky Mount Chamber of Commerce and appropriations from Nash and Edgecomb Counties. Another show was established at Fayetteville. The premiums for which were provided by the Fayetteville Junior and Senior Chambers of Commerce. A third show was established at Greensboro, financed by the Greensboro Chamber of Commerce. These shows for negroes were held under the general supervision of the Dairy Extension Service at State College, with the full cooperation of the Negro Extension workers at A. & T. College, Greensboro, N. C. One hundred ninety-four animals were exhibited in the three shows.

County Shows
As an outgrowth of the District Junior Shows, there are now being held a large number of similar county dairy shows for young people. In most cases these are held as elimination shows to the district shows. Last year 14

in nearby cities have bought small acreages for country homes which the Census classifies as a farm.

Few veterans returned to farming after the war. Only 5.9 per cent of all farm operators were veterans in 1947 for the nation as a whole. Veterans represented 7 per cent of the farm operators in the South. Approximately 41 per cent of the veteran operators of the nation are tenants.

of these county shows were held, in which 513 calves were exhibited.

In all there were 1,674 animals exhibited in the twenty-one Junior Dairy Cattle Shows held during the fall of 1947. The premium money offered was \$12,880, all of which was contributed by organizations interested in the dairy development of North Carolina.

The Long Smoke Livestock Lines

In 1907 a competition was held at the Royal Agricultural Hall in London, and 150 selected smokers started off in the time-race. Each was allowed one-eighth of an ounce. The winner accomplished the span of two hours 12 minutes without having to re-light, accomplished it on one match. He said all he had done was to press down the tobacco with the butt of a pencil and put quietly and serenely on without getting flurried.

One of the oldest cultivated vegetables is the onion, first known in parts of Asia.

PULLORIUM DISEASE
Although turkeys seem to be about as susceptible to pulloriosis as chickens, most keys that survive this disease and make a complete recovery are able to "throw off" the pullorinum germ, and thus likely to remain as carriers of the pullorinum germ, and thus serve to spread the disease to healthy poultry.

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Farm Tenancy Is On Decline

Number Of Renters Drops Almost Five Per Cent In Two Years With Greatest Loss In South

The decline in farm tenancy, a trend which began in 1930, has been even more pronounced since the close of World War III, according to Charles E. Clark, farm management specialist at State College. His statement is based on a recent study conducted by the Bureau of Agricultural Economics.

As of January, 1947, 26.9 per cent of the farms were operated by tenants, says Mr. Clark. This is almost a 5 per cent decline from the 31.7 per cent tenancy of 1945.

The greatest relative decline has been in the South. Many plantation type farms formerly operated by tenants are now operated by owners. This is a result partly of mechanization on the farm and shortage of farm labor.

Partly owners have increased and a noticeable decline was shown in the percentage of farm land under lease. Many families whose principal income is gained

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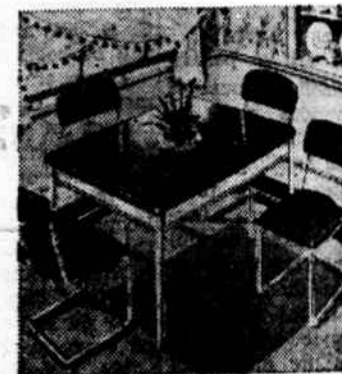
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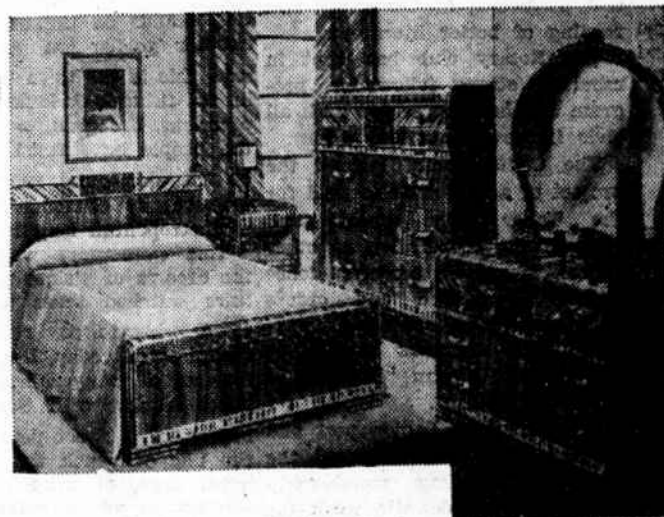
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