

## CHICKS THRIVE AS GREEN FEED IS GIVEN THEM

Green Feed Added To the  
Regular Ration Makes  
Hens Lay More

When green feed is added as a supplement to the regular poultry ration, the birds grow better and lay more eggs. All the vitamins essential for growth and health can be made available if a variety of green feed is used.

"Legumes and the tender green crops of the garden are all rich in vitamins and food for poultry," says C. J. Maupin, poultry extension specialist at State College. "Alfalfa, clovers, lespedeza, rape, soybeans, lettuce, tender cabbage, collards, kale, and young oats, wheat, barley or rye are some of the crops liked by poultry and valuable to them in developing growth and increasing egg production. We have found that young lettuce, for instance, has cured a run-down condition in hens. Green alfalfa, fed liberally, has been reported as checking the deaths of poultry due to poor feeding. Where the birds are given white corn, they need the food properties found in legumes and other green stuff."

Mr. Maupin recommends curing some legume hay for the birds to feed upon in winter. Well-cured alfalfa, clover or lespedeza hay is very valuable. This hay should be cured bright green in color with no rain allowed to fall on it during the curing process.

In addition some field crops such as Fulghum oats, Abruzzi rye, dwarf Essex rape and soybeans might be planted for the chickens this fall. Fresh lawn clippings are good and so are garden crops like carrots, cabbage, and the other leafy vegetables that may be planted for the fall and winter garden. Green feed usually becomes scarce during the latter part of the summer and care taken to provide such feed will pay for the trouble by extra profits in eggs and good health in the flock, Maupin says.

## SAYS EXCHANGE IS VALUABLE

One Exchange in the State  
Did Business Volume of  
\$375,000 in 1931

Mutual farm exchanges as operated in a number of North Carolina counties have great value and more of them finally welded into a state association should be organized and the whole or organization, believes J. W. Johansen, extension economist at State College.

Mr. Johansen says there are some 50 county mutual exchanges now in operation. They are simply small co-operative buying and selling organizations owned and operated by the farmers themselves and incorporated under the Mutual Exchange Act of North Carolina. Under this type of set-up, the farmers are permitted by law to collectively pool their farm products for the purpose of assembling, grading, processing, packaging, advertising and selling the products to the best advantage. The act also permits the associated farmers to buy their supplies collectively at wholesale.

This volume purchasing and selling has saved the farmers of the State considerable money in recent years so much so that a number of county farm agents who have organized such exchanges have been the targets of attacks by certain business interests which have disguised their attacks under the head of saving taxes. There is one exchange, says Mr. Johansen, now in its second year which will save the farmers of the county for 1932 between \$25,000 and \$30,000 in fertilizer costs alone. Another mutual exchange did a volume of business amounting to \$375,000 for its farmers in 1931. The bulk of this business amounting to \$225,000 was from farm products sold for the membership and \$150,000 was for farm supplies bought in pooled orders.

"As the farmer sees his way to affiliate his local exchange with the State Exchange and this in turn affiliates with national marketing organizations, the farmer will have an improved outlet for his products," Johansen believes.

## QUESTIONS AND ANSWERS AS TO FARM PROBLEMS

Question: Can I use soybean meal in place of protein in my laying mash?

Answer: This substitution has been made, but is not advisable under most conditions. When soybean meal is used in place of animal protein the ration must be carefully supplemented.

### Relieved By Taking Cardui

"I was weak and run-down and suffered quite a bit with pains in my side," writes Mrs. Nick Baranco, of Beaumont, Texas. "I was nervous, I did not rest well at night, and my appetite was poor."

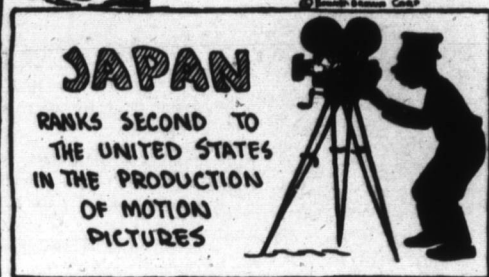
"My mother had used Cardui with beneficial result, so I decided to take it. I surely am glad I did, for it stopped the pain in my side and built up my general health. I took seven bottles in all."

Cardui is sold at all drug stores.

## ODD -- BUT TRUE



**CROWS**  
ALWAYS PLACE A SENTINEL  
ON LOOKOUT DUTY  
WHEN FEEDING—



ed with a mineral mixture. Economy in poultry feeding cannot always be measured by price of feeds and it will be just as economical to feed the animal proteins such as fish meal, meat meal, and a milk product as it would to use the soybean meal. These feeds also furnish a wide range of acids which are readily utilized by poultry.

diver Irish potatoes equal to northern-grown potatoes as seed for a spring crop?

Answer: Yes; as far as the yield is concerned as the native seed produce as large and sometimes a larger crop than do the northern-grown seed. The crop grown from northern seed, however, matures from two to three weeks earlier than that

grown from native seed planted at the same time. The difference in time in getting to market and the resulting price difference is favorable to the northern-grown seed.

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