

## TIMELY FARM QUESTIONS ARE ANSWERED BY STATE COLLEGE

**QUESTION:** What soils will give the greatest yield of lespedeza?

**ANSWER:** This legume grows best on medium to heavy bottom land but satisfactory yields may be obtained on most uplands. The Common, Tennessee 76, and Kobe varieties grow well in all soils of lower altitude in the mountain section, and on the slate, sandy loams, blackjack lands, and red clay soils of the piedmont section. Low-lying, moderately heavy soils, river bottoms, and sandy loams are best in the coastal plains. The Korean variety is especially adapted for the mountains because of its earliness and it will produce well on practically all the better soils. Neither variety is of much value when seeded on very acid or sandy soils.

**QUESTION:** How much cod-liver oil should be used when fed on the scratch feed?

**ANSWER:** Cod-liver oil should be fed at the rate of one and one-half pounds to each 100 pounds of scratch feed. The best way to feed this oil is to weigh out 25 pounds of scratch feed and thoroughly mix six ounces of cod-liver oil with this amount. This should then be used until entirely consumed before another lot is mixed. It is also advisable to keep feed that is mixed. It is also advisable to keep feed that is mixed with cod-liver oil in some container that can be closed so that it will not be exposed to the direct rays of the sun as this exposure would detract from the feeding value and also cause the feed to sour.

**QUESTION:** Does it pay to apply fertilizer to a new pasture?

**ANSWER:** Recent experiments have shown remarkable increases in grazing from the use of fertilizers and the use is therefore recommended. In general the mixture should be the same as used for corn in the locality. An application of from 200 to 400 pounds of a 4-8-4 mixture would be suitable. In most cases, for the Coastal Plain, and a similar amount of a 4-12-4 for the Piedmont and Mountains. The fertilizer may be harrowed in before seeding or may be drilled in with the seed. Limestone at the rate of from 1,000 to 2,000 pounds an acre is also beneficial on very acid soils.

### 4-H Club Boy Wins A College Scholarship

Carney Davis is a Davidson County 4-H club boy who has learned a lot about raising calves, but he says he wants to learn more.

This unusual record with Buernsey calves during the past seven years has just won for him a one year's scholarship to State College, said L. B. Harrill, 4-H club leader at the college.

The scholarship was offered by the North Carolina Cottonseed Crushers Association to the 4-H calf club member in this State making the best record over a period of one or more years.

Davis started calf club work in 1930 when he was 11 years old. He kept a careful record on his first calf, Terrace Farm's Glow, and got in the habit of keeping records on all his later calves.

In 1932 he started a record on Reigel's Choice of Mignonette, who produced 9,175.8 pounds of milk and 480.7 pounds of butterfat the following year. This qualified her for advanced registry with the American Guernsey Cattle Club.

Discussing Davis' record, Harrill pointed out that in seven years of club work, the boy has exhibited his animals at the State Fair six times and won in prize money \$269.32 above the cost of exhibiting them.

His record books show a profit of \$1,655.31. He has eight purebred Guernseys valued at \$700, and has sold \$405 worth of calves and heifers. He now has four animals in milk. These animals were not included in the profit column of his record books.

Davis graduated from the Churchland high school last year and plans to enter State College next fall, Harrill stated. His record was made under the supervision of P. M. Hendricks, county agent, and A. M. Harrell, assistant.

### Vegetables Usual And Uncommon

GUY A. CARDWELL

A study of seedmen's catalogues is a fascinating and timely occupation at this season. Aside from the artistic beauty of some of these books, there is a fund of valuable information to be gained from them.

There are many sources from which seed may be obtained, some good, some indifferent, and some bad. If we get hold of poor seed or seed of varieties other than those wanted, and ordered, we are out of luck, as the seasons and the years roll by so fast that we cannot recoup losses due to mistakes, poor judgment, or other misfortune.

There are many reputable seedsmen in business, and it is not my intention to reflect upon them individually or collectively, for it stands to reason that they are doing what they can to protect themselves and their customers, otherwise they would soon lose their clientele.

When buying seed, either locally or from a distance, be sure to place your order for a few hardy flower seed for the improvement of the home grounds. The brilliant blooming plants will give pleasure to all beholders and cut flowers in the house dress up the place and brighten the family outlook on life if it needs to be brightened.

Experienced growers of truck crops usually know what vegetables can be marketed, and the varieties most popular in the markets to which their products are shipped. There are certain standbys, in combinations of several commodities, that are grown in almost every vegetable growing locality, as it has been found prudent not to depend exclusively upon any one truck crop.

Farmers in the Carolinas major in the growing of English peas, snap beans, lima beans, cucumbers and Irish potatoes; and some sections grow cabbage, asparagus, squash, Coozelle or Italian marrow squash, green corn, strawberries, cantaloupes, watermelons, broccoli, radishes, spinach, turnips, peppers, carrots, beets, collards, onions, dewberries and blueberries. But there are few plantings in the South of Globe artichokes, Brussels sprouts, Swiss chard, Cauliflower, Chinese or celery cabbage, water cress, eggplant, Des Moines, acorn or table queen squash, endive, kale, mustard, Kohl Rabi, leek, okra, parsley, parsnip and salsify.

It is possible that a few experienced truck growers, with good soil, and ample family labor, might specialize in some of the rarer vegetables, and by careful attention to the niceties in preparation and packaging for market might build a substantial business.

through some reliable connection or connection in the central markets; connections with a high class restaurant and hotel trade. It is published by the Bureau of

Agricultural Research, the production of truck crops. Market shipment in 1932 will be 1896 volume by from five percent.

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**David Reaves**

Mount Olive, N. C.

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