

### Variety of Peanuts Best for Oil Cited By Research Man

Main Belt Including Washington County To Continue Present Kind

Tar Heel farmers have been asked to increase their production of peanuts for oil to 216,000 acres next year. This is one of the State goals in the Nation-wide "Food for Freedom" campaign. The acreage of peanuts for edible roots, controlled by marketing quotas, remains at 224,000 acres. The 216,000 acres requested for oil represents an increase of 188,000 acres over the 28,000 acres harvested for oil in 1941.

One of the paramount questions facing farmers is: What are the best varieties of peanuts for oil?

Dr. Gordon K. Middleton, of the N. C. Agricultural Experiment Station at State College makes the following recommendations:

"In the main peanut belt, the increased acreage should be planted largely to the types already grown. Seed are available and the higher yields would seem to justify this. Wherever the Spanish type are used, the rows should be 30 inches or less apart, and the seed spaced 4 to 6 inches in the row.

"In the Southern Coastal Plain, Spanish and Virginia Bunch varieties should be used, with the proportion of Spanish being higher than in the main belt. The suggestions for close spacing should also hold in this area. Where peanuts are grown on Piedmont soils, Spanish or Valencia varieties should be used. Observations have shown that the large type nuts are not so well adapted to these conditions."

Dr. Middleton said that Experiment Station workers have conducted variety tests in the main peanut belt for the past three years. The highest yielding strain was a small runner type, secured from R. V. Knight, a prominent farmer of Tarboro. This variety averaged 1,498 pounds to the acre, which means that it will produce about 375 pounds of oil per acre.

A camel being exhibited in Boston several years ago was mounted by a U. S. Marine. The camel toppled over on the Marine. The Marine suffered a broken collar bone. The camel died.

**CARD OF THANKS**

We wish to express our appreciation for the many expressions of kind sympathy and for the beautiful floral offering that was contributed during the illness and death of our husband and father, Phillip Browning.

Mrs. Phillip Browning and Children.

### Overfeeding Cows Is False Economy

John A. Arvey, extension dairyman, says overfeeding is not an economical practice. Feeding a full ration never means overfeeding. It means feeding each cow according to her ability to produce milk economically. A cow capable of producing around 260 pounds of butterfat in a year uses about 50 per cent of a full ration to maintain her body. The other 50 per cent is used in producing milk. Since she must first maintain her body out of feed given her, it is poor economy not to give enough feed for economical milk production.

### Farmers Told Must Save Soybean Seed For Crop Next Year

National Defense Program Calls for Large Increase in Acreage Next Year

J. A. Rigney, agronomist of the N. C. Experiment Station with headquarters at State College, says the soybean goal cannot be met unless seed for the 1942 crop are saved right now.

"With soybeans selling at more than twice what they brought at this time last year," Rigney said, "and with very limited storage facilities on the farm, most of our beans will go to processors' warehouses within the next month. Any attempt to establish seed source for the prospective planting next year must be done now. Once seed is bulked, retrieving pure seed is impossible."

The agronomist said that a mixture of varieties of soybeans will do as much to reduce the yield as any one factor. Differences in the time of maturity make harvesting difficult, and subsequent storage of seed hazardous. For instance, Rigney pointed out that Herman variety beans mature in 135 days, Tokio in 140 days, and Wood's Yellow in 160 days. "A mixture of these, or most of the other varieties, will cause complications," he stated.

The Experiment Station has found in its tests that the Wood's Yellow, Tokio and Herman beans do best in the Coastal Plain, with the Wood's Yellow yielding good as beans, being shatter-proof, and producing a fair amount of oil. The Herman bean yields the most oil, but shatters badly and is only a fair yielder of beans. The Tokio also tends to shatter, is a fair yielder of beans, and is better than the Wood's Yellow in percentage of oil.

### Change Program for Demonstration Club Work During Year

"Thrifty and Health for Better Living" Is Theme for Clubs Next Year

Miss Ruth Current, State home demonstration agent, announces that a state-wide home demonstration club program for 1942 has been adopted under the theme: "Thrifty and Health for Better Living." All of the 75,000 or more farm women and 4-H Clubs will study the same subjects each month, instead of having single major and minor projects for the entire year.

The month-by-month program will

be as follows:  
 January—Outlook meeting at which time "Family Plans for 1942" will be studied.  
 February—A study of the nutritional situation; what to do about food production, meal planning, food preparation and preservation, under the title, "Living Above the Safety Line."  
 March—"My Clothing Needs," including an inventory of what we have, what we need, and how to get it. A study of the minimum essentials of an adequate wardrobe.  
 April—"Future Security Through Conservation." Home furnishings and equipment, and garden and farm equipment.  
 May—"The Staff of Life—Whole Grain Products and Their Use." This will include a "Betted Bread Campaign," a study of whole wheat cereals and breads, and the food value of soybeans.  
 June—"Home Care of the Sick."

Emphasis will be placed on diets, equipment and good bedding.  
 July—"Food Conservation," including demonstrations of canning fruits and vegetables.  
 August—"Planned Recreation" for all members of the family.  
 September—"Wise Use of Time and Money" at harvest time and when the children go back to school.  
 October—"Clothing Clinics" to learn the care and repair of wearing apparel and household furnishings.  
 November—"Building Strong Sturdy Bodies" and the preparation of protein dishes.  
 December—"Housing Repairs and Improvements for Happier Living."

**PEARL HARBOR**

U. S. Marines in the Hawaii Islands are stationed at Pearl Harbor, said to have been so named because it was the only place in those Islands where pearl oysters were found.

### Winter Legumes Set New Record In State

New records were established in North Carolina in the seeding of legumes and grasses, and in the use of green manure crops, by participants in the 1940 Agricultural Conservation Program. G. T. Scott, Johnston County farmer and chairman of the State AAA Committee, expressed special gratification over the 144,000 acres of winter legumes planted.

In a preliminary report on the 1940 AAA program, E. Y. Floyd, State executive officer of N. C. State College, said that a total of 1,065,000 acres was seeded to legumes and grasses in North Carolina during the 1940 program year. This compares with 893,101 acres seeded in 1939. The seeded acreage in 1938 was 869,550. In 1937 it was 553,403, and in 1936 it was 494,688 acres.

Floyd said that the 144,000 acres of winter legumes being grown this winter compares with 93,802 acres in 1939.  
 "The 1940 results," Floyd declared, "are significant gains. Through many years of soil-depleting cash crops and losses from erosion much of our soil in North Carolina has lost its organic matter and has been stripped of its fertility. Scores of farmers were unable to get satisfactory stands of needed legumes.  
 "On literally thousands of farms the use of lime and phosphate has made legumes possible. Together, these two materials are making possible more economical and efficient production, more and better food and feed crops, and improved farm income. The steady advance by North Carolina farmers in recent years indicates that even greater conservation results will be obtained

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