

## EFFICIENCY AND MARKET PROBLEMS CONFRONT PEANUT GROWERS IN STATE

Head of N. C. State College Agronomy Department Points Out Production Drops 42 Per Cent Since World War II

Two big jobs face North Carolina peanut growers according to E. T. York, head of the department of agronomy at N. C. State College.

York, speaking at the recent annual meeting of the N. C. Peanut Growers Association in Scotland Neck, said expanding markets and increasing production efficiency are the two big problems facing commercial peanut producers.

In stressing the need for expanded and greater consumption of peanuts and peanut products, York said there has been a 42 per cent reduction of peanut production in North Carolina since World War II. The price per pound received by farmers has remained the same, meaning that peanut producers have lost almost half of their income from the sale of peanuts in less than a decade.

The farmers' responsibility in expanding markets, according to York, is to improve quality through control of insects and diseases; improving har-

vesting techniques, and using new varieties to fit consumer demands. Two new varieties, NC-1 and NC-2 have been released by the North Carolina Agricultural Experiment Station and seed of these varieties is now available to farmers.

York believes the one-year-old Peanut Growers Association can go a long way in establishing new uses for peanuts and promoting and advertising peanut products.

In increasing production efficiency on each individual farm, York recommends increasing yields by:

- (1) Using improved varieties
- (2) Getting adequate stands by planting enough seed properly treated for disease control and closer spaced rows
- (3) Proper fertilization.
- (4) Proper cultural practices
- (5) Controlling insects and diseases
- (6) Chemical and mechanical cultivation
- (7) More efficient harvesting

does not mean bursitis. The safe course is to consult your doctor if shoulder pain does not clear up quickly.

As an exercise for bursitis doctors frequently suggest bending over with the arm relaxed and then swinging it like a pendulum from front to back, side to side, and round and round. You can do this in a bending position even though, standing straight, you couldn't move the arm because of the pain. You may feel foolish, but in a few weeks your shoulder will probably be as good as new.

### Farmer Finds It Pays To Mix Fertilizers

When the price of farm products is falling and the prices paid by farmers are rising there is a natural tendency to cut costs by cutting down on fertilizer. If lowering fertilizer costs is done at the expense of over-all soil fertility a mistake is being made.

These are the sentiments of agricultural leaders and many progressive farmers. Many are finding it profitable to use high analysis materials such as 33 per cent ammonium nitrate, 48 to 62 per cent phosphate and 60 per cent potash and mix their own required analysis.

One such farmer is Milton Moretz of Watauga County. L. E. Tuckwiller, county agent for the State College Extension Service, says Moretz mixes all his own fertilizer. For corn at planting he uses 100 pounds of 33 per cent nitrogen, 100 pounds of 48 per cent phosphate and 100 pounds of 60 per

## FIRE FACTS

### TWO-POINT PROGRAM FOR SPRING CLEAN-UP:



### Texas Dealers Honored At Annual Meeting

One hundred Texaco dealers were honored Monday night at the annual Spring Texaco dealer meeting held at the Virginia Dare Hotel in Elizabeth City.

In keeping with an annual practice, the Texas Company presented appreciation awards to Texaco dealers in this vicinity in recognition of years of association with the company, among whom were Quinton Bass of Chowan County, who was presented a 15-year appreciation plaque; A. A. Hurdle of Trotville, a 20-year gold pin and plaque and Claud Bundy of Gatesville, a 10-year plaque.

Host for the meeting was Miles Clark of Elizabeth City, zone manager.

We often discover what will do, by finding out what will not do; and probably he who never made a mistake never made a discovery.

—Samuel Smiles.

### CHRIST'S JOURNEY TOLD IN PICTURES

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## HEALTH FOR ALL

"Anyone can do it," the man said. So you painted the living room walls and ceiling yourself. It looked fine, too, but next day you had a painful shoulder that just about ruined all your pride of achievement. You decided, perhaps, that you weren't made for that kind of work, and, in a way, you were right. It's one of the many troubles we made for ourselves when we decided to get up on our hind legs and use our front paws for hands.

Hooked up between your shoulder blades and the big bone of the upper arm is a little muscle with a job that is sometimes too big for it. Its long name—supraspinatus—isn't much help when it has to work all day keeping the arm bone in its socket against the pull of gravity. Holding the arms up and out puts a constant strain on the muscle and its tendon. And every arm movement we make pinches the tendon between the shoulder blade and arm bone.

So you see, it wasn't surprising that the unaccustomed work of painting gave you a painful shoulder. Acute bursitis usually cures itself quickly, but it can develop into a condition that disables its victims for months or years. We tend to baby the sore shoulder, when the best cure is to keep it moving. Lack of motion may cause adhesions to form, and then the shoulder becomes practically frozen in its socket.

Of course, every painful shoulder

cent potash. This gives him the equivalent of more than 500 pounds of 5-10-10. His cost is about \$9.85, while 500 pounds of 5-10-10 would cost about \$13.75.

With his own mix he gets 33 pounds of nitrogen, 48 pounds of phosphate and 50 pounds of potash. Thus he gets eight pounds more nitrogen, two pounds less phosphate, and 10 pounds more potash for \$3.90 less per acre by mixing his own.

For blue grass pastures he uses 100 pounds of 62 per cent phosphate and 100 pounds of 60 per cent potash. This gives him the equivalent of more than 400 pounds of an 0-14-14 per acre at a cost of \$4.72. The cost of the 0-14-14 would be approximately \$10. Savings would be \$6.18 per acre.

For alfalfa he uses 100 pounds 62 per cent phosphate and 200 pounds 60 per cent potash per acre. Costs on this is \$7.72 per acre. In addition he uses 35 pounds of borax per acre every other year which costs approximately \$1. Thus his yearly cost would be \$8.52. Savings in this case amount to \$4.48 per acre based on 500 pounds 0-9-27 per acre.

These samples of savings are typical of what many demonstration farmers are doing, says Tuckwiller. But

often many fail to convert high analysis fertilizers to meet soil test recommendations.

Mistakes are lessons of wisdom. The past cannot be changed. The future is yet in your power.  
—Hugh White.

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