

## Selection And Application Of Fertilizers For Person County Crops

(By A. G. Bullard, Agricultural Teacher Bethel Hill High School)

The time is drawing near when every farmer in Person County must decide on the analysis and amount of fertilizer he is going to need for his crops. This is a very important decision to make and should be given a great deal of thought before purchasing his supply. In the following paragraphs I will discuss the recommendations for the principal crops grown in this county.

### Tobacco Plant Beds

Tobacco plant beds require a fertilizer containing 4 per cent nitrogen, 8 per cent phosphoric acid and 3 per cent potash. Two hundred pounds should be used for each one hundred square yards of plant bed. After the top two or three inches of the soil has been stirred well, mix one hundred pounds of the above mixture with the soil. Apply the same amount the second time and drag until fertilizer is well mixed with soil.

### Tobacco Fertilizers

The analysis of fertilizer to use under the tobacco crop will depend somewhat on the type of soil and amount of organic matter present. On the less productive soils of this section a fertilizer containing 3 per cent nitrogen, 8 per cent phosphoric acid and 6 per cent potash, should be used at the rate of 800 to 1000 pounds per acre. On the more productive soils use 800 pounds of a fertilizer containing 3 per cent nitrogen, 10 per cent phosphoric acid and 6 per cent potash.

In each of the above analysis one-half of the nitrogen should be derived from high grade organic materials of plant or animal origin, the remainder should be derived from standard inorganic materials. Potash, sulphate of potash and sulphate of potash-magnesia. The phosphoric acid should be derived from super phosphate.

In applying any mixture of fertilizer it is very important to mix the fertilizer well with the soil. This may be done by running a single shovel down each row after the fertilizer has been drilled. This practice will give a better stand and also make the tobacco start a quick growth.

Barn lot manure is used to some extent on flue-cured tobacco and good results are obtained when it is properly applied. A coarse, dark tobacco will likely result when barn manure is applied to a soil already rich in nitrogen. When applied to the lighter and poorer soils a better quality will most likely result. The manure should be broadcast in the fall, if possible. Care should be taken not to make the application too heavy. Five tons per acre is enough for tobacco. Good results have been gotten by placing some manure on thin spots in the field.

### Corn Fertilizers

The corn soils in this section require a fertilizer containing 4 per cent nitrogen, 10 per cent phosphoric acid and 4 per cent phosphoric mixture should be drilled in the row at planting time and mixed well with the soil at the rate of 300 to 40 pounds per acre. A side dressing of 15 pounds of soluble nitrogen when corn is about knee high will increase the yield.

Corn is not as peculiar as tobacco about the sources of materials in the mixture but a well balanced mixture should be used.

### Wheat Fertilizers

Although the time for applying a complete fertilizer to wheat has past, it would be well to discuss it

here. A mixture of 4 per cent nitrogen, 10 per cent phosphoric acid and 4 per cent potash should be applied in the drill at planting time at the rate of 200 to 300 pounds per acre. When the wheat is about four inches high in the spring apply 10 pounds of soluble nitrogen per acre as a top-dressing.

### Garden and Truck Fertilizers

Fertilizers for the garden and truck patches should contain large amounts of nitrogen and potash. A 5-8-6 should be used at the rate of 600 to 800 pounds per acre at planting time. Side dressing with a good nitrogen carrier after crop begins to grow will pay. Applications of barn yard manure along with your fertilizer will furnish the needed organic matter.

Starting with 300 baby chicks last April, Askew Strickland of Middlesex, route 1, Johnston County, made a labor income of \$154.30. His expenses were \$181.00; income \$185.95, and inventory gain, \$149.35.

## DUKE UNIVERSITY MUSICAL CLUB HERE TONIGHT

Fifty-Five Musicians to Render a Varied Program at High School.

ADMISSION 15 and 25c

A program of unusual variety in musical styles and moods has been arranged by the Duke university musical clubs for the concert to be given here tonight. Classical, semi-classical, comic and novelty numbers, familiar lyric ballads, and modern jazz all find a place on the program to be presented by the 55 Duke men in High School auditorium.

Directed by J. Foster Barnes, director of choral music at Duke, 30 voices selected from the more than 100 in the Duke men's glee club will sing standard vocal compositions of Handel, Tchaikowsky, Greig, Kountz, and Praetorius, and several lighter selections from Gilbert and Sullivan operators.

The 30-piece Duke concert orchestra, with Robert B. Fearing directing, will render classical instru-

mental numbers. Fearing will also play a group of violin solo selections.

John Cole, popular lyric tenor, Joe Mackie, baritone, and Hayward Henderson, tenor, will be presented as vocal soloists. The university male quartet, of which Henderson and Mackie are members, will harmonize on a number of comic and novelty numbers, such as "Sophomoric Philosophy" and Italian Salad."

Al Preyer and his orchestra will

give a brief program of modern jazz. This dance band, organized only this year, has rapidly gained popularity with followers of popular music in and around Durham. The orchestra plays regularly at a Durham hotel and broadcasts twice weekly over the Durham radio station.

More than 20,000 feet of drain tile has been ordered cooperatively by farmers of Duplin County this winter.

State Warrants For Sale at Times' Office.

The beginning of the industry of crushing soybeans for their oil was begun at Elizabeth City, North Carolina, December 13, 1915.

Ten farmers conducting crop rotation demonstrations in lower Halifax County secured an average of 73 bushels of peanuts, 393 pounds of lint cotton and 1,117 pounds of tobacco an acre last season.

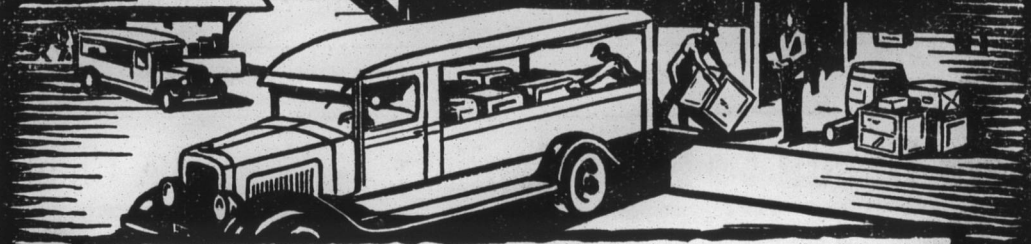
## Attention Farmers

WE HAVE ON HAND A SPECIAL PLANT BED FERTILIZER.

SMITH DOUGLAS BLUE RIBBON ALSO OTHER BRANDS

T. B. DAVIS — J. I. BROOKS

STORAGE AT OUR HOMES



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"PRECISION TRANSPORTATION" tracks are now at your door. The Norfolk and Western picks up your less-than-carload freight at your door and delivers it to the platform of the receiver—without extra charge. This free collection and delivery service, linked with fast and dependable rail haul, assures trouble-free and economical freight service. An allowance of five cents a hundred pounds will be given if you prefer to collect or deliver your own less-than-carload freight.

Telephone your Norfolk and Western agent and he will see that your goods are collected and delivered with promptness and economy.

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## USE ROBERTSON'S THIS YEAR

PERSON COUNTY TOBACCO IS ALWAYS IN DEMAND. IT IS ONE OF THE BEST TYPES THAT IS GROWN ANYWHERE AND IT WILL PAY YOU TO GIVE IT THE BEST CARE.

YOUR YEAR'S WORK MAY BE IN YOUR ONE TOBACCO CROP. TAKE NO CHANCES, GIVE IT GOOD FERTILIZER AND CARE AND WITH THE PROPER WEATHER CONDITIONS YOU WILL HAVE A BETTER CROP.

WE WILL BE GLAD TO TALK WITH YOU ABOUT YOUR FERTILIZER PROBLEM AND GIVE YOU OUR PRICES AND SERVICE.

**Frank Whitfield**      **Robert Hester**  
**Pioneer Warehouse**      **Bushy Fork Store**  
 ROXBORO, N. C.      BUSHY FORK



## I'M SOLD

It always works

Just do what hospitals do, and the doctors insist on. Use a liquid laxative, and you can bring yourself to clocklike regularity without strain or ill effect.

A liquid can always be taken in gradually reduced doses. Reduced dosage is the secret of any real relief from constipation.

Ask a doctor about this. Ask your druggist how very popular Dr. Caldwell's Syrup Pepsin has become. It gives the right kind of help, and right amount of help. Taking a little less each time, gives the bowels a chance to set of their own accord, until they are moving regularly and thoroughly without any help at all.

Dr. Caldwell's Syrup Pepsin contains senna and cascara—both natural laxatives that form no habit. The action is gentle, but sure. It will relieve any sluggishness of the bowels due to constipation without upset.