

Person County Times

SECTION TWO

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IF YOU WOULD KNOW WHAT IS GOING ON AROUND YOU READ THE PERSON COUNTY TIMES--IT IS A PAPER FOR ALL THE PEOPLE OF PERSON AND ADJOINING COUNTIES.

VOLUME VIII

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USE PERSON COUNTY PRODUCTS

NUMBER THIRTY-FIVE

Suitable Fertilizer Mixtures For Different Crops Raised In Person

Below are given suitable fertilizer mixtures, each for corn, small grains, tobacco, Irish potatoes, adapted vegetables, melons, legumes, sweet potatoes and strawberries when grown on soils of average fertility in this county.

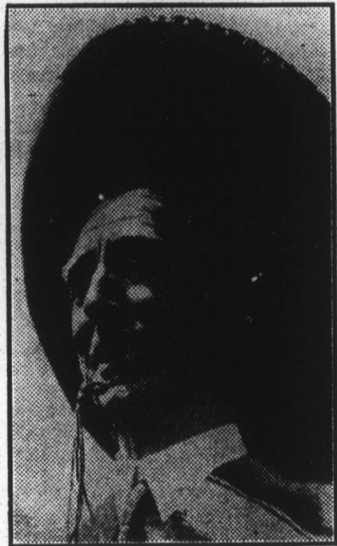
It must be recognized that any article of this type covers general or average conditions, and that there may be special conditions under which a somewhat different analysis of the mixtures would be more profitable. For example, if the soil is above the average in production, the percentage of nitrogen in the mixture might well be decreased, the reduction advisable usually being in proportion to the amount of organic matter in the soil.

The materials used in the mixtures are those with which the farmers are familiar, and which may be purchased on almost any local market. There are many other good materials that might have been included in these calculations, but because of the lack of space, they have been omitted.

FOR CORN SMALL GRAINS AND GRASSES

On sandy loams, silt loams and clay loam soils use a 4-10-4 formula which can be made from the following materials:

Superphosphate, 16%1214lbs.
Cotton seed meal208lb
Sulphate of Ammonia330lb
Muriate of potash153lbs.



CONNIE MACK AT 74
Still active, the father of the Philadelphia Athletics dons a Mexican sombrero on his vacation.

Total1905lb
Filler95lb

2000lb
If no filler is used, 95 pounds of this mixture is equal to 100 pounds of a 4-10-4 fertilizer.
A mixture of nitrate of soda may be prepared by using 425 pounds of

nitrate of soda instead of 330lbs. sulphate of ammonia. In these mixtures about 15 per cent of the nitrogen is derived from cottonseed meal, the remaining 85 per cent is derived from sulphate of ammonia or nitrate of soda.

For corn, small grains and legumes on blackjack soils, use a 4-8-8 formula which can be prepared from the following:

Superphosphate, 16%964lbs.
Cotton seed meal208lbs.
Sulphate of Ammonia330lbs.
Muriate of potash, 50%313lbs.

Total1815lbs.
Filler185lbs.

2000lbs.

If no filler is used, 94 pounds of this mixture is equal to 100 pounds of a 4-8-8. A mixture of nitrate of soda may be prepared by using 425 pounds of nitrate of soda instead of 330 pounds of sulphate of ammonia.

FOR TOBACCO AND MELONS

The fertilizer used in the production of bright flue-cured tobacco is an important factor. The average tobacco should be fertilized with 800 to 1000 pounds per acre of 3-8-5 tobacco fertilizer. The nitrogen should be made from one-fourth nitrate nitrogen, one-fourth ammonium nitrogen, one-fourth organic nitrogen such as blood, tankage or fish, the phosphate derived from 16 per cent superphosphate or the equivalent. The potash should be derived from sulphate, muriate or sulphate of potash-magnesia. Tobacco fertilizers should carry from one to two per cent magnesium ox-

ide. The chlorine content should not exceed two per cent under average soil conditions. There are a number of minor elements which are essential but they are carried in the materials mentioned above. On soils where tobacco normally grows too large, even with a reduced application of the above mixture, the nitrogen should be reduced in the mixture; or even left out in extreme cases. Potash of the sulphate form should be increased in the above formula whenever the tips of the leaves show a reddish color in the field. Often 8 per cent potash is necessary for some soils where

tobacco is grown.

On Light Colored or less productive soils, use a 3-8-6 formula under tobacco and melons. For tobacco, it is recommended that about two-thirds of the fertilizer be applied under the tobacco ten days ahead of planting time, and that the fertilizer be stirred with a plow following the fertilizer distributor. This will be the most important furrow you will draw in making a tobacco crop. Apply the other one-third of the fertilizer around the to-

bacco when it is worked the first time after weeding.

For tobacco, it is recommended that cotton seed meal be used in all formulas. Peruvian guano, blood or fish meal may be substituted for animal tankage.

This 3-8-6 formula for tobacco may be made from the following:
Superphosphate, 16%970lbs.
Cotton seed meal174lbs.
Animal tankage111lbs.
Nitrate of Soda, 16%125lbs.
Sulphate of Ammonia, 20.6% 97lbs.
Muriate of Potash, 50%60lbs.

(Continued on page four)

OUR CHEMISTS PERFECTED IT-
TOBACCO FARMERS PROVED IT-

BAUGH'S MAGIC TOBACCO FERTILIZER



Works like Magic!

3-8-3
3-8-5
3-10-6

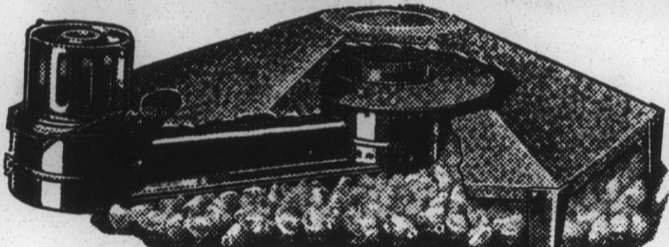
CURED AND AGED-
IT NEVER HARDENS

W. T. Pass & Co., Hyco Warehouse, Roxboro
E. J. Robertson, Wooddale, N. C.
H. L. Carver & Sons, Rougemont, N. C.

BAUGH & SONS CO.
NORFOLK, VA. NEW BERN, N. C.

VISIT SEARS FARM EQUIPMENT DEPT. IN BASEMENT

Sears FARM IMPLEMENTS



Oil Burning Canopy Brooders

Brood your chicks... keep your brooder house comfortable for less... with Sears drum type oil-burning brooder. Gives highest efficiency on kerosene.

500 Chic Size
\$10.95

BARBED WIRE



14 Ga. \$2.39

Sharp - pointed barbs are double twisted securely around cable wires and uniformly spaced. Every spool guaranteed to contain full 80 rods or a quarter-mile of full gauge galvanized barbed wire. Carrying handles.

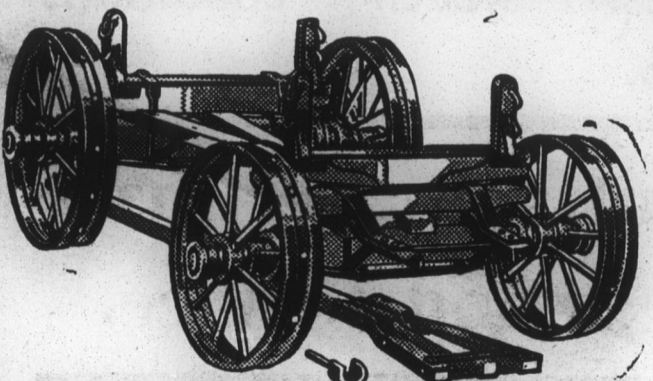
GARDEN FENCE



17 Ga. 5 Ft. High 150 Ft. Roll \$3.69

High grade hinge joint fence made of copier bearing wire, woven in close mesh style. Ideal for enclosing poultry yards, gardens and orchards.

Sears Challenger Wood - Gear Truck



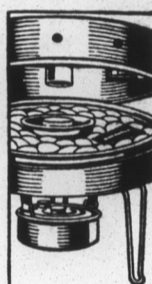
This truck uses highest quality materials throughout. All standard parts, full size. Painted two coats of best grade wagon paint, plus an extra coat of varnish. Famous Wear-well steel wheels... with 4x 1/2-inch "Deep Grub" tires. Split hickory axels 3 1/2 x 4 1/2 with truss rods underneath. Steel plate between bolsters and sandboard. Seasoned oak bolsters; steel bands around end. Ringed, double braced stakes.

\$49.95

\$5 Down, \$5 Month Plus Small Carrying Charge

TRUCK FROM OUR CATALOGUE

Little Brown Hen Incubator



Fully Automatic \$5.45

Double insulated wall and top... feltlined nest... all-metal construction. Complete with safety lamp, brass kerosene burner, thermostat and tested thermometer. Capacity 50 eggs.

DRINKING FOUNTAIN



3 FOR 25c

Jar Not Included
Star water pan is galvanized steel. Chicks can drink all around. Any 1-qt. glass jar will do.

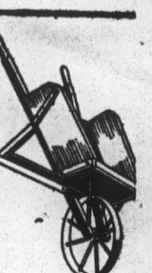
5 Ft. High POULTRY WIRE



150 Ft. Roll 2 inch mesh \$3.69

This netting galvanized before weaving is very serviceable and will meet all ordinary requirements.

STURDY WHEEL BARROW



\$4.95

Our most popular wheelbarrow, at specially reduced price! Built for utility from the ground up. Steel legs firmly braced. Hardwood frame. Holds 3 cubic feet of dry material.

Sears, Roebuck and Co.

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DURHAM, N. C.