

# Southern Shoes for Southern People

## Talk Is Cheap

But it takes money to deliver the goods, also pluck, energy, and long experience. In buying our advertised brands you have a line of footwear that you can sell with confidence to your best friend. They Give Satisfaction

## Our Future Established by Our Past

We introduced a good line of shoes into the market nearly 40 years ago, and we did not stop improving after we had secured the trade, but year after year found us weeding out the weak spots and building up a line which no one of our competitors has been able to surpass. Our line of Wright's High Art for men, women and children is a line of beauties.



Wright's High Art SHOES For Men, Women, Boys, Misses, and Children. PETERSBURG, VIRGINIA.



Farmers and Mechanics SHOES FOR MEN WHO WORK PETERSBURG, VIRGINIA.

# Are You Satisfied With Your Shoe Business?

If not, let us handle your account, and we will show you an increase of sales, and a satisfied lot of customers as to style, quality, and fit, and put you in line with hundreds of wide-awake up-to-date merchants throughout the entire South, who are to-day singing the praises of the Wright's line of shoes. The workingman wants a good-looking, comfortable, and serviceable shoe at a moderate price. We have them. They are built of good solid leather, and are made to do good service. We make a specialty of such shoes and carry in stock a large assortment. On a Stand Pat Argument, a comparison of the shoes, notwithstanding the claim made by other dealers, Wright's High Art Shoes will get the business every time from customers who are wise in their buying.

Wright's High Art, Farmers and Mechanics, Cousin Joe's Kangaroo, Wright's Virginia Made, Appomattox Standard.

If you wish to increase your shoe business, buy a full line of the above brands.

## What Do You Sell Shoes For?

To be one of the people who yell themselves hoarse, and spend their time and money to help another man's family to wear diamonds; or do you have an eye to provide your own folks with a few of the luxuries by selling shoes which are trade winners and trade builders?

## THINK IT OVER!

Our Salesmen are now out with one of the strongest up-to-date line of Shoes for Fall, 1907, ever seen on the road, and if you want a line of SURE WINNERS, see this line before you buy. If you need shoes for immediate use, drop us a postal, and our salesman will be notified to call on you at once. We can size you up. Mail orders shipped same day order received.

## Farmers' and Mechanics' Brand

Is the workingman's friend. Comfortable and durable, and a Shoe at moderate cost. Neither have we forgotten the farmer's wife or daughter who needs a good, solid work shoe.

## Cousin Joe's Kangaroos

they are soft, they are strong, and all solid and will give entire satisfaction.

Let Us Have Your Mail Orders

# AUGUSTUS WRIGHT CO., Wholesale Shoes,

1868

PETERSBURG, - - - VIRGINIA

1907

## PHOSPHORUS MADE BY NEW PROCESS

Manufacturers Are No Longer Dependent Upon the Bones of Dead Animals.

## CLAY FOUND IN MOUNTAIN

Company Formed in Pennsylvania to Make Phosphorus in the New Way.

Until recently phosphorus, which is used chiefly in the manufacture of matches, was made solely from bones and organic substances. There is something gruesome in the thought that illumination should have come to us by way of death, but the fact remains that only since the perfection of the electric furnace have natural phosphates been used to any extent in making phosphorus. The extraction of phosphorus from mineral deposits brings the industry within the scope of the investigations made by the United States Geological Survey, and the forthcoming number of the annual volume popularly known as the "Economic Bulletin," will contain an article by Mr. George W. Stose, on phosphorus ore at Mount Holly Springs, Pa. At the foot of the northern slope of South Mountain, in the vicinity of Mount Holly Springs, about ten miles southwest of Harrisburg, a deposit of wavelite occurs in the white clay associated with manganese and iron ores. Small quantities of phosphorus had previously been obtained from phosphatic and from apatite, but wavelite, which is aluminum phosphate, has never before been used commercially in the manufacture of phosphorus, as the mineral generally occurs in very limited quantities. The clay in this region is extensively mined as a filler for wall paper in the vicinity of Mount Holly Springs, and prospected for everywhere along the mountain front. It was in one of these prospect pits that pebbles of white nodules were found in the clay. The less weathered of these when broken open show a beautiful, radiate, silky, fibrous structure. It proved to be wavelite, a rather uncommon mineral in so pure a form,

and not known to occur elsewhere in sufficient quantity to be mined.

The American Phosphorus Company was organized by Philadelphia capital to develop the deposit, and a mill for the extraction of the phosphorus from the ore was built near the mine. The mine was opened in 1900, the first years being devoted to prospecting and experimenting with the reduction of the ore. During 1905 the mine was in active operation, and 400 tons of ore were reported to have been extracted and reduced in the company's furnaces.

Another small deposit of phosphorus ore was discovered in the clay prospects of Mr. J. L. Musser, in the small valley east of Upper Mill, a mile above Mount Holly Springs. Wavelite was also observed by Mr. T. C. Hopkins in the white clay deposits of North Valley Hill, on the north side of Chester Valley.

The different methods of manufacturing phosphorus are described by Mr. Stose. The Bessemer process, patented in 1852, is the one that has come into commercial use in most countries.

The world's production of phosphorus has been variously estimated. The greater part is made in the Albright and Wilson factory, Wednesfield (Oldbury), England, where the Bessemer process originated. Other large factories are located at Lyons, France, and at Griesheim and Frankfort, Germany. There is also a plant in Sweden, and there are numerous smaller ones in Russia.

The census of 1900 in the United States reported three phosphorus establishments in operation, but the census of 1904-'5 reported only the Oldbury Electro Chemical Company, of Niagara Falls. It was impossible to learn the production of these companies.

## FARM COLLEGE FOR VIRGINIA'S SONS

(Continued from First Page.)

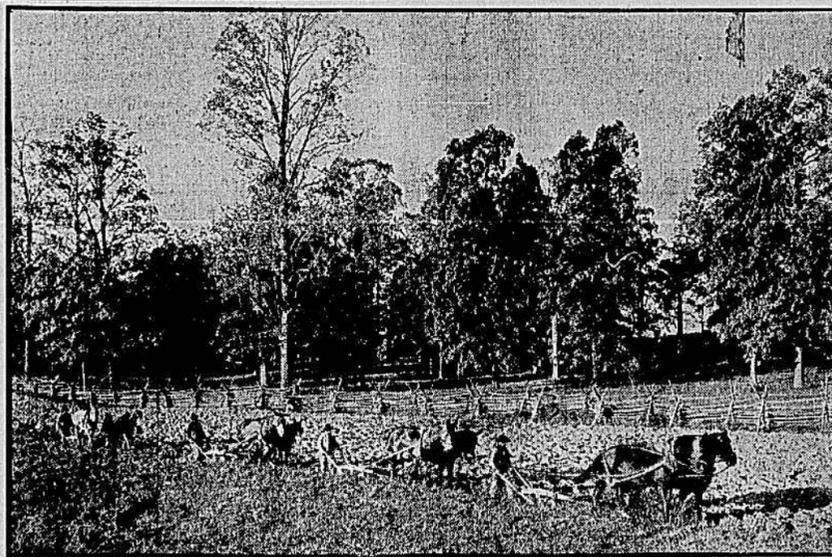
erection of a building for the Virginia College of Agriculture.

The dairy department will occupy the larger part of the basement, and ample provision will be made for the receiving, handling and pasteurizing of milk, the making of butter and cheese and milk testing. Rooms for the curing of cheese at various temperatures will form part of the equipment.

The second floor will be occupied by the executive offices, the library, bull-dog-mating rooms and laboratories for animal husbandry, seed investigation, etc.

The third floor will be occupied by the departments of horticulture, veterinary science and mycology; and the fourth floor by laboratories and class rooms for research in agronomy, bacteriology, entomology, and soil investigation. The attic or fifth floor will contain the museum, rooms for the agricultural club, laboratories for photography, etc.

It should no longer be necessary for the boys of Virginia to go elsewhere to receive the best possible training along agricultural lines? Several courses of instruction are offered by the agricultural department, and others will be added as soon as suitable facilities are provided. The four years' course which leads to the degree of B. S. is designed to



PLOWING ON POLYTECHNIC INSTITUTE FARM.

give the student a liberal education, and at the same time be instructed with regard to those sciences which pertain to agriculture and give an opportunity to acquire the best information with regard to both the theory and practice of general agriculture in all its important branches. Special stress is laid on the subjects of agronomy, animal husbandry, dairying, farm management, agricultural bacteriology, veterinary science, mycology, horticulture, biology, agricultural chemistry and geology.

### Practical Instruction.

There is also a two-years' course in practical agriculture, and a certificate of standing is given to all students who complete it in a satisfactory manner. It is intended especially to meet the needs of those young men who desire to obtain the rudiments of an agricultural education, but do not feel that they have either the time or money to take a four years' course. As soon as the new agricultural hall is equipped, short courses in agronomy, dairying and animal husbandry will be offered. In the mean time special courses in the subjects can be arranged for a limited number of students, and post-graduate courses can be arranged for on application. The college is thus in position to take care of all who apply for collegiate instruction in agriculture or other special courses.

Five large barns have been erected on the college grounds, each designed for a special purpose. The largest and most imposing of these is the dairy barn, which has stabling room for a large number of animals. The granaries in this barn have a capacity of 2,500 bushels of corn, and large mows provide abundant room for the storage of hay, shredded stover, etc. There are also two large silos, each with a capacity of 200 tons.

The College farm comprises about 1,000 acres. Part is leased and part is the property of the institution. The work of crop production can thus be carried on on a large scale, and sufficient land is available for grazing the

large herds of cattle and sheep maintained for student instruction and experimental research. The farm is well supplied with teams and farm machinery of every description. Thus the students have a chance to become familiar with actual farm operations on a large scale, which insures a practical trend to the training they receive.

### Cattle Raising Important.

A careful and accurate record is kept of all the work done on the farm, so that it is possible to know just what a bushel of corn costs. To do this a painstaking system of book-keeping has been inaugurated, because the various experiments provide information which is most valuable to farmers, and unless the records are carefully kept, the results would be worthless. Few people appreciate how laborious an undertaking it is to keep an accurate record of the operations of an extensive farm, but our experiments are conducted on such a large scale that the results when obtained will be applicable to farm conditions in practically every section of the State.

Over 150 head of pure-bred animals are maintained on the college farm. The herds of necessity are not large, owing to the expense of maintaining them. A careful record is being kept of these animals, and a number of very interesting cross-breeding experiments are in progress for the purpose of determining the relative merit of the various pure-bred strains when used on native and high-grade cows. One of the greatest problems in Virginia is how to improve the great number of farm animals of undesirable quality at the lowest cost, and this question is receiving careful attention. Representative herds of Short-horns, Jerseys, and Aberdeen Angus are maintained, so that students and visitors

may have an opportunity to compare the type and quality of the three principal beef breeds. Herds of Jerseys, Guernseys and Holsteins are maintained to test their relative merit for dairy purposes and provide milk for the student body. These animals are principally kept, however, that experimental data may be obtained, and the best and cheapest methods of maintaining and feeding dairy herds worked out for the benefit and guidance of our dairymen. A good flock of Dorset sheep and Berkshire swine are maintained on the farm. Grazing and feeding experiments with hogs are in progress at all times.

Applicants for admission to the college must be at least 16 years old and proficient in English grammar, physical geography, history of Virginia and the United States, arithmetic, and algebra to quadratics; also in Latin grammar and two books of Caesar if they wish to pursue a course of study in which Latin is required.

The expense of a student for a full collegiate year of thirty-six weeks may be estimated at \$225.00. Four hundred scholarships existing from tuition are offered to Virginia students. The college thus provides an opportunity for obtaining a general agricultural education, and also for specialization along many lines. When the new building is properly equipped, the facilities for instruction will be greatly improved, but in the mean time every effort is being made to care for the boy who wishes to pursue a course of instruction in agriculture.

ANDREW M. SOULE, Dean and Director, Blacksburg, Va., March, 1907.

### Short of Corn.

LONDON, March 22.—A Buenos Ayres cablegram says that, as a result of the drought, the demand for corn in the republics of Argentina and Uruguay will be much greater than usual, and the amount available for export to Europe will be proportionately reduced.



## HIGHLAND TO HAVE ANOTHER RAILROAD

Shenandoah Lumber Company Construct Road to Reach Vast Timberlands.

[Special to The Times-Dispatch.] MONTEREY, Va., March 22.—It is now believed, upon the strength of reports said to be authentic, that Highland county is to have another railroad. The road now being projected is primarily a lumber road, like the one on the western border of the county, but it is asserted that, sooner or later, the line will be built to a connection with one of the main lines along the West Virginia border. The promoters of the enterprise are the Shenandoah Lumber Company, owners of extensive timber lands in Bath and Highland. The new line is to be built from a point on the Chesapeake and Ohio, about two miles from Millboro. The location will be up Mill Creek and the Cowpasture River, a distance of twenty miles, to Williamsville, where, it is stated, the company will locate an extensive plant, that point being contiguous to their large holdings, consisting of 25,000 acres of excellent timber. This body of timber lies principally in Highland county. C. E. Ryan, of Parkersburg, an official of the Ohio division of the Baltimore and Ohio, is president of the company, and J. A. Whiting and J. O. Carey, also of West Virginia, are associated with him in an official capacity. The road is to be of standard gauge, and the work of locating will begin as soon as the weather will admit. Preliminary surveys have already been made.

## HONDURAS BANANAS.

Many of the Best Find Their Way to Richmond.

WASHINGTON, D. C., March 22.—Consular Agent J. M. Mitchell, Jr., reports that the exports of bananas to the United States from the San Pedro District of Honduras during 1906 amounted to 2,347,902 bunches, including the estimate number of "seven-hand" bunches; also 1,030,133 bunches of "eight-hands" and upward, called "payables." The number of ships engaged was 210, and the value in silver of the fruit at the side of the railroad was \$1,179,951.

## To Prevent Stock Watering.

SPRINGFIELD, ILL., March 23.—A bill to prevent railroads from watering their stock will be introduced in the Senate next week, as one of the administration reform measures.

Where You Can Have It Charged

## Pretty Go-Carts.

Our showing of the new season's Go-Carts and Baby Carriages is very complete and wonderfully attractive. Every good style is represented, and the patterns were chosen with such care that we are quite sure you cannot find prettier ones anywhere. The qualities are topnotch, and the prices are lower than equal grades can be bought for anywhere else. We also carry a big assortment of separate Parasols and Lace Covers, which we will sell at equally low prices. We shall be glad to have you come in and look them over, and we are always ready to arrange easy terms of credit to suit you.

## Refrigerators, Mattings, Oil Cloths, Gas Ranges, Oil Stoves.

## Hopkins Furniture Co.

7 and 9 West Broad Street.

The Cheapest Cash or Credit Store in the City

## your wife

will never know that you have been smoking, if you always use

## Meade & Baker's Carbolic Mouth Wash

at your druggist's, 25c, 50c, \$1.00