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WANTED.

Responsible man with horse and buggy in each community, salary \$5.00 to \$10.00 per day, to take orders from owners of Farms, Orchards and Home Gardens. A splendid opportunity for farmers' sons, also fruit tree and sewing machine agents, to make a business connection which will become more profitable each year. Address P. O. Box 88, Young's Island, S. C.

Fine Extracted Honey.

Two tons extracted honey—thoroughly ripened, thick and rich—in every respect the equal of any I have sold in an experience of several years. Those who have tried it are enthusiastic—none dissatisfied—which is enough to convince you that the quality is right. Orders for 60 lb. cans filled at 8 cents per lb. Smaller quantities 10 cents per lb. Sample free.
Address **WM. D. NULL,**
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Best \$10.00 farm level for \$6.66.
Write at once for special offer.
Frank Wright, Manufacturer, Cave Springs, Ga.

Great Bargains In Fox, Deer, Cat, Coon and Possum hounds. I sell cheaper than anybody.
E. F. WILMOUTH, Shelbyville, Ky.

What It Costs to Establish a Telephone Line.

How to Do the Work—Nine Dollars for a 'Phone and Five Dollars a Mile for the Line—Can You Afford Not to Have One?

Messrs. Editors: The construction of a telephone line is so simple that anybody who can build a barbed-wire fence can stretch up a telephone wire and tie it to the insulators. The poles should be placed about sixty yards apart. This will require the use of about thirty poles to the mile. Number 14 wire will answer the purpose, but No. 12 wire is larger and stronger and will stand a heavier sleet without breaking. It takes about one hundred and fifty pounds of No. 12 wire to run a mile. The price of wire fluctuates; but three cents a pound has been about the average price for the past several years.

Cost of a Mile of Telephone Line.

The cost of erecting a mile of telephone wire is estimated as follows:

- 150 lbs. No. 12 wire.....\$4.50
- 30 glass insulators..... .75
- 30 pins or brackets..... .40

Total.....\$5.65

If No. 14 wire is used the cost of wire will be reduced a little from the above figures. If porcelain insulators are used the expense in that item can be reduced 45 cents, and also 40 cents for pins or brackets, as porcelain insulators are put on with wire nails. It is possible to erect a mile of wire at a minimum cost of about \$4.50 per mile, by using the cheaper material. Of course, this does not take into account the poles. These should be put up by farmers when weather is not favorable for farm work. Nothing is added for stretching up the wire, as that, too, can be done without any outlay of cash.

The Kind of Poles to Use.

Oak poles will last three or four years. It is better to use cedar if it can be found in the community. It will be better to get durable poles even if it adds something to the cost; for they are cheaper in the long run. Put them three or four feet in the ground.

How to Stretch the Wire.

In putting up the wire, a wire-stretcher or a vise can be used to hold it when tightening. A vise is also used to hold the wire when twisting it together tightly at joints. A reel should be used to hold the roll of wire on when running it off the coil, otherwise it will tangle and cause delay. With a properly constructed reel three hands can put up six or seven miles of telephone wire in a day.

What a 'Phone Will Cost.

Dry battery serial telephones can be bought at about nine dollars each. Bridging 'phones cost about ten or eleven dollars. Where there are only one or two 'phones on a line the serial 'phone will give very good service. If several 'phones are to be operated on the same line the bridging 'phones should be used.

It will be observed from the foregoing explanation as to the cost of installing 'phones and lines that the expense would not be much if a farmer living six or eight miles from a switchboard should decide to erect a line himself; but by the co-operation of his neighbors along the line in its erection the expense can be reduced to nominal figures—figures so small compared with the convenience and benefit, that one is apt to wonder why his indifference kept him from getting the benefit of this

modern means of transmitting intelligence.

You Are the Man to Establish a Line.

In this matter of installing telephones in the rural districts there must be leaders, as in everything else that lifts us into better conditions. The man who introduces it into a neighborhood is a benefactor. He may have to erect his line without the co-operation of his neighbors, but it will not be long until they will be wanting to pay him for the privilege of hitching on to his wire or for the use of his poles.

The proper way to go about erecting telephone lines and installing telephone service in a rural community is for some individual to take the lead and go about the work in a business way. Don't wait for your neighbors to agree with you. They will catch the telephone fever all right after the germs get scattered.

An "Economy" You Can't Afford.

No up-to-date, progressive farmer, who wants to get the best he can out of life, and produce environments that will render farm life less isolated and more attractive, can afford to practice the kind of economy (?) that lets nine dollars for a 'phone and five dollars a mile for a line stand between him and rural telephone service.
J. Z. GREEN,
Union Co., N. C.

THE SHORT COURSES AT THE A. & M. COLLEGE.

See on another page the announcement of the short courses in agriculture at the A. & M. College from Jan. 5 to February 23, 1909. There is a one week's course in cotton culture from January 5th to January 12th, and a seven weeks' general course from January 12th to February 23rd.

These short courses have done much to advance the cause of better farming. They are especially suited to the practical farmer who goes to the college knowing much of farming already, for he learns the "why" as well as the "how," learns the natural laws that govern his work, and comes to understand as he never did before the fundamental principles of farming. Of equal benefit is the inspiration he receives, the incentive to better work—better because more intelligently directed.

Few agricultural schools have a stronger faculty than has the A. & M. College of North Carolina, and there should be several hundred farmers to take these courses this winter.

The 1908 Cotton Crop.

The total production of cotton in the United States for the year 1908-1909 will amount, according to the Department of Agriculture, to 6,182,970,000 pounds, not including linters, which is equivalent to 12,920,000 bales of 500 pounds gross weight. Estimate of production by bales gives:

- Virginia, 131,000; North Carolina, 619,000; South Carolina, 1,118,000; Georgia, 1,844,000; Florida, 81,000; Alabama, 1,273,000; Mississippi, 1,560,000; Louisiana, 472,000; Texas, 3,917,000; Arkansas, 1,009,000; Tennessee, 340,000; Missouri, 544,000; Oklahoma, 640,000.

Over every acre you own there are thousands of pounds of pure nitrogen waiting for you to take it and make a profit on the taking.—**W. F. Massey.**

FARMERS' EXCHANGE

We will insert ads. for our Progressive Farmer readers in this department and in this style type at the rate of 3 cents a word for one week; two weeks, 6 cents a word; three weeks, 9 cents; one month, 12c; three months, 30 cents; six months, 55 cents; one year, \$1. Each word number or initial (including name and address) counted as a separate word. Send cash with order. If the rate seems high, remember it would cost \$4.00 for postage alone to send your ad. by letter to each home to which we carry it at this low rate. Stamps accepted for amounts less than \$1.

Eight-horse crop for rent. Fine farm. J. McDixon, Winterville, N. C.

Pure S. C. White Leghorns—1 cock, 9 pullets. \$7.00. E. Cyphers, Jeffress, Va.

Mammoth Yellow Soja Beans, sample and price on request. E. P. Carter, Fairfield, N. C.

Fine Incubator cheap, or will exchange for pigs or poultry. G. E. Williams, Sans Souci, N. C.

Will exchange Barred and White Rock pullets for cockerels; Mary Hodden, Chuckatuck, Va.

Trucker's Favorite Early Corn—250 bushels for sale at \$1.60 per bushel. W. H. Wilson, St. Brides, Va.

For pure bred registered and grade Angus Cattle, Angora Goats, and rare Berkshire hogs, address A. M. Worden, Tullahoma, Tenn.

Farmers, let us print your stationery and do your job work. Good work and right prices. (We print The Progressive Farmer), address Mutual Publishing Co., Raleigh, N. C.

Mammoth Yellow Soy Beans, sample and price on request. Also Hickory King seed corn for upland farms. W. J. Gilbreth, Lawrenceburg, Tenn.

Purebred White Wyandotte and Single Comb Brown Leghorn cockerels, \$1.50; pullets, \$1.25. Improved egg strain. Mrs. F. N. Shearon, Wake Forest, N. C.

Large Improved Yorkshires, service boars, sows in farrow, and pigs; thoroughbred Angoras; finest strains prize winning Mammoth Bronze turkeys; cheap, White Wyandotte chickens. One each Avery and Rock Island disc plows, Telegraph feed cutter, McCormick binder; all good as new for service. Satisfaction guaranteed. J. E. Coulter, Connelly's Springs, N. C.

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