

Farm Miscellany.

FARMERS SHOULD MIX THEIR OWN FERTILIZERS.

[R. J. Redding, Director of Georgia Experiment Station, in Atlanta Constitution.]

At this season of the year farmers are beginning to think about the commercial fertilizers they will buy. Already I have received many inquiries for the "best fertilizers" for corn, cotton, oats, potatoes, etc.

This would be very well if there were no source of information open to these inquirers whence they may learn proper proportions of ingredients that would be necessary in order to produce the proper proportions of the elements of value—phosphoric acid, potash and nitrogen—

NO WAR ON MANUFACTURERS. I do not propose at this late day to wage a warfare on honest and capable manufacturers of fertilizers who sell their goods at a fair and reasonable profit.

DO FARMERS BUY BREAD? There are many people whose cooks cannot make good bread, and must buy of the baker or eat poor bread.

Only a day or two ago I received a letter asking this question: "I am offered a guano acid phosphate, guaranteed 12 per cent. available, and 2 per cent. potash, for \$14 a ton; and a simple acid phosphate, guaranteed 14 per cent. available, at \$12 50 per ton.

Address: P. J. CHEWNEY & CO., Toledo, O. Sold by Druggists, etc. Hall's Family Pills are the best.

the latter either did not know his business or there was a charge of \$1 50 per ton for simply mixing a little muriate of potash with a simple acid phosphate so as to produce a potash acid phosphate that would carry available 12 and potash 2.

EXPENSIVE MACHINERY. It may be said in explanation that the guano manufacturer must have very expensive machinery in order to make a perfect, uniform mixture. Grant the claim, and the reply is that the farmer does not need to have any such expensive machinery to do his own mixing.

FORMULA FOR COTTON AND CORN. A farmer can mix 1,000 pounds of acid phosphate (14 per cent.), 75 pounds of muriate of potash and 700 pounds of cotton meal in a few hours at a cost of 25 cents for labor.

It would be just the formula for cotton on the average worn uplands of middle and north Georgia and similar soils in the adjoining States. It could be easily modified for fresh soils, or highly improved soils of the same original character, or for dark colored lowlands by reducing the amounts of muriate and cotton seed meal by 25 to 50 per cent., or more, if only light manuring is intended.

To state the formula in tabular form it would appear as follows: No. 2—Formula for cotton on old worn uplands: Acid phosphate (14 per cent.) 1,000 lbs. Muriate of potash 75 lbs. Cotton meal 700 lbs.

No. 1—Formula for corn on old worn uplands: Acid phosphate (14 per cent.) 1,000 lbs. Muriate of potash 30 lbs. Cotton meal 1,250 lbs.

This would be in the same relative proportion as available, 10; potash, 2; nitrogen, 5.

DAIRYING PAYS. The editor of the Richmond, Va., Religious Herald reports a conversation with a noted manufacturer, Mr. Anster, from which we take the following: "Now that you speak of cattle, tell me why we can't make the dairy business pay in old Virginia? We feed the Northern cities with early and late vegetables, why should we buy all our best butter from the North?"

Address: P. J. CHEWNEY & CO., Toledo, O. Sold by Druggists, etc. Hall's Family Pills are the best.

A NOTEWORTHY FARMERS' INSTITUTE FOR THE COLORED A. & M. COLLEGE.

Correspondence of The Progressive Farmer.

On March 21st, 1902, there will be a Farmers' Institute held at the A. and M. College for the Colored Race at Greensboro, N. C. The topics that will be discussed are as follows: Butter Making on the Farm, by P. E. Robinson.

Tree Planting, by J. Van Lindley. Commercial Fertilizers, by John Thompson. General discussion of farm work, by John A. Young.

Inspection of farm machinery, illustrating farm machinery, by J. W. Landreth. Motive Power on the Farm, by A. Watson.

The various subjects will be discussed in a practical manner so that every farmer who will attend can hear something of value to him.

We desire to have a large attendance, and trust that many farmers will avail themselves of the opportunity before active work on the farm begins.

Wilson Times: The tobacco crop this year will be somewhat increased over last year, but not so much as last year was an increase over 1900, simply because there is not sufficient labor in the country to handle it.

CONFORMATION OF BEEF AND DAIRY CATTLE.

The selection of cattle best suited for their intended use is of great importance to feeders and dairymen; and it is even more important to breeders of either beef or dairy cattle. For the purpose of presenting in a simple and graphic way some information concerning the differences between good and inferior animals and the extent to which certain desirable qualities affect their value for beef and dairy utility, the United States Department of Agriculture has prepared and will soon issue Farmers' Bulletin No. 143 entitled Conformation of Beef and Dairy Cattle.

The straw-berry movement will begin about April 5th and the crop is expected to reach 400,000 crates, against a little more than 300,000 last year. There is said to be a very material increase in the berry acreage, especially in the Chadbourne belt.

JUST A WORD. Any of our full line of Carriages and Buggies sent anywhere on 30 Days' Free Trial.

Cash Buyers for Farms. Send description and price and learn my successful method for finding buyers. W. H. OSBENDER, North American Building, Philadelphia, Pa.

Mount Olive Advertiser: The acreage of Irish potatoes will not be increased over that of last year in this section.

A man can content himself at almost any point of the compass, provided wife and daughters are content. But put a woman down in a blank untidy home—no vegetables, no pigs, no chickens—and you will hear from her if she is worth having.—R. R. Moore, Guilford Co., N. C.

Charlotte Observer: District Attorney Holton did well to reject the proposition made to him in Washington yesterday by the attorneys for the Amos Owen Cherry Tree Company, that if the indictments against them were dismissed they would turn over for distribution among their victims \$30,000.

VALUABLE FARM BOOKS. Principles of Agriculture. By Prof. L. H. Bailey, of Cornell University. Handsomely illustrated. 300 pages. Price, \$1.25.

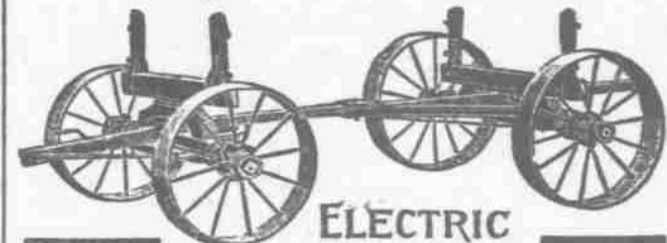
STOP THE COUGH AND WORKS OFF THE COLD. Tarboro, N. C., Sept 18, 1901. The Cole Manufacturing Co., Charlotte, N. C.

"Rich Soil" THE SPANGLER FERTILIZER DISTRIBUTOR. The straw-berry movement will begin about April 5th and the crop is expected to reach 400,000 crates.

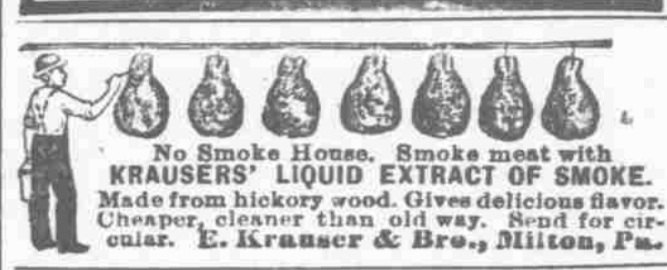
KILL THE HAWKS and WILD TURKEYS. Why Have Hawks about your premises? Others do not. The Draughton Hawk Caller.

LOOK AT PRICES: We have 30 copies this valuable work on hand, and until further notice, will send one copy of "Killebrew's Grasses and Forage Crops" to any address for only 25 cents.

LOOK AT PRICES: We have 30 copies this valuable work on hand, and until further notice, will send one copy of "Killebrew's Grasses and Forage Crops" to any address for only 25 cents.



ELECTRIC Handy Farm Wagons. No Smoke House. Smoke with our KRAUSERS LIQUID EXTRACT OF SMOKE.



FERRY'S SEEDS. Known and sown wherever good crops are grown. Sold everywhere. 1902 Annual FREE.

SALZERS SEEDS. Beardless Barley is practically perfect, yielding in 1901, per acre, 109 bushels of grain.



VESTIBULED WEST-SAL-INDIA LIMITED TRAINS. DOUBLE DAILY SERVICE. In Effect May 26th, 1901.

Table with 3 columns: Station, Daily No. 31, Daily No. 32. Lists routes from New York to Memphis.

Table with 3 columns: Station, Daily No. 34, Daily No. 35. Lists routes from Memphis to New York.

Address: P. J. CHEWNEY & CO., Toledo, O. Sold by Druggists, etc. Hall's Family Pills are the best.

Corn Potash advertisement. The fertilizer applied, will furnish enough Potash, or the land will lose its producing power.

200-Egg Incubator for \$12.00. Perfect in construction. Hatches every day.

COLE'S COTTON PLANTER. GUARANTEED BEST IN THE WORLD! SOLD STRAIGHT FROM FACTORY TO FARM.

Corn Planting SPANGLER CORN PLANTER. It saves time, labor, money and increases the crop.

Grow Grasses and Raise Cattle. Examine agricultural statistics and see the high rank North Carolina takes in yield per acre of grasses and forage crops.

Killebrew's former work on grasses is now entirely out of print and brings \$5 a copy. This new book contains all the information in the former work, re-written, and embodies the results of twenty years' additional experience.

LOOK AT PRICES: We have 30 copies this valuable work on hand, and until further notice, will send one copy of "Killebrew's Grasses and Forage Crops" to any address for only 25 cents.