

FARMERS' EXCHANGE.

White Rock Eggs and Cockerels for sale. Mrs. G. H. Banks, Forest, Miss.

Cowpeas wanted—200 bu., state kind and price. Coon Bros., Tallulah, La.

Barred Rocks Eggs, \$2.00 per 15. J. A. Savage, Ackerman, Miss.

I have some special bargains in Delta Lands Write me. W. T. Pitts, Indianola, Miss.

Poland China Pigs, 2 mo. old, \$10 each. Subject to registration. Arthur Weeks, Sallis, Miss

Fine Single Comb Brown Leghorn Hens, \$12 per doz. A. F. Tuggle, Bush Creek, Tenn.

Cooks Cotton Seed, from private gin. \$1.00 per bushel. W. H. Lovelace, Agent Marion, Alabama.

Indian Runner Ducks and Toulouse Geese Eggs for sale. Fred R. Ziller, 2305 6th street, Meridian, Miss.

Two fine Jacks near 14 1-2 and 16 hands, ages 8 and 3, at a bargain. Address, J. D. Childers, Falkner, Miss.

Wanted—An experienced poultryman to manage the business in desirable location. Box 80, Seminary, Miss.

Wanted—A first-class Jersey Milch Cow with young calf. No other need answer. W. T. Pitts, Indianola, Miss.

Pure bred S. C. R. I. Red Eggs, \$1.00 for 15. Also choice Dahlia Bulbs, 10c each. Miss Ada Cox, Starkville, Miss.

Plymouth Rock and Rhode Island Red Eggs, \$1.00, \$2.00 and \$3.00 for setting. J. W. Beeson, Meridian, Miss.

Buff Orpington Eggs from Carefully selected stock, 15 Eggs for \$1.50. Satisfaction guaranteed. Mrs. J. O. Lanfair, Durant, Miss.

Eggs from fine Buff Rocks, Langshan, Brown Leghorn, at \$1.00 and \$2.00 setting. Write Mrs. Rosa Collins, Crews Depot, Ala.

Barred Rock, White Wyandotte, and Buff Leghorn Eggs, \$1.00 per 15; \$5.00 per 100. Finest strains. Stock for sale. Mrs. R. M. May, Hamburg, Miss.

Wanted—One Percheron Mare weighing not less than 1,200 lbs, not over 7 years old, must be sound and work anywhere. H. N. McGaughey, Nettleton, Miss.

Highland seed rice at \$2. Nancy Hall, the finest, and Triumph, the most prolific, sweet potatoes at \$1 per bushel. Thos. H. Hewes, Oscar, La.

Dixie White Plymouth Rocks, the best member of the Rock family, heavy layers, quick growers, and vigorous. Eggs \$3.00 per 15, \$5.00 per 30. C. A. Stancill, Berclair, Miss.

100 bushels genuine Mexican June Corn Seed from Mexico last year. Guaranteed pure; and fine corn. Price, \$2.00 per bushel. Also 4 White Holland Toms, year old, and fine. Price, \$3.50 each. F. O. B. Shuqualak. C. S. Field, Calyx, Miss.

A-1 Delta Farm, 120 acres—60 in cultivation and deadening, balance woodland. Half mile railroad station. Three tenant houses. Price, \$2,500.00. Terms: \$500.00 cash, balance \$500.00 per annum, until paid. 6 per cent. interest. Write W. T. Pitts, Indianola, Miss.

HORSE SENSE BOOK FREE, To Every Horse Owner.

Valuable book by best authorities. What you need to know about care, management, telling age, selecting, cure of diseases, etc. Worth \$1.00—may save you hundreds. Sent for the asking, with circular describing Automatic Curry Comb and other new savers of time, temper, labor, money and horseflesh. Write today. It will pay you. Selling agents wanted. Clean Comb Mfg. Co., 27th St., Racine, Wis.

BERKSHIRE PIGS, for sale. Pure bred Berkshire Boar Pigs, farrowed Jan. 4, 1910, well marked and individually good. Pedigree furnished, from which they can be registered. \$10.00 each, f. o. b. here. HUGH CRITZ, Starkville, Miss.

FIRST rate opportunity (near Walrond Rancho) Well-known Ranch in S. Alberta, Canada (for immediate sale)—1,364 acres (fenced); excellent farming or stock land; house with extensive out-buildings in good order; two miles river frontage (fishing). Station convenient. Particulars, J. E. Graham, Few Rancho, Cowley, or Eric Sandeman, (owner), Western Club, Glasgow.

Barneyard Manure Distributor. See the agitators, they grind it. Equipped with clutch and hand lever or main axle, revolving from guide wheel. So constructed that it puts the manure evenly and exactly where it will do the most good. Strong, durable, easy to handle. Write for folder: best special delivered prices. Dept. 22. SANDERS MFG. CO., Dalton, Ga.

\$35.00 A WEEK PROFIT MADE BY SELLING Patented Kerosene Mantle Burners When attached to any oil lamp produces Six Times Brighter Light than Electricity. Gas or ordinary Oil Lamp. Uses half quantity kerosene. One Pint Burns Six Hours Mantle Outlasts All Others. Light is Brightest, Steadiest, Cheapest and Easiest on Eyes. Get one for your home or Act as Our Agent, Rapid Sellers. Big Money Saver for User. Money maker for you, exclusive territory. F. V. GOITTSCHALK, 97 Chambers St., New York.

HOW MUCH FERTILIZER SHOULD WE USE?

One of the Questions That Can Only Be Answered From an Intimate Acquaintance With the Soil—Fertilizers Give Largest Profits on Good Land.

THE QUANTITY of commercial fertilizer which it will be most profitable to use on any particular soil or crop, cannot be definitely stated. Soil, moisture and crop conditions all combine to make it a complicated question and the fact that some of these cannot be known at the time of applying the fertilizers adds to the difficulty of the problem.

In the first place, no soil or fertilizer is stronger than the weakest plant food present as related to the needs of the plant. In other words, no matter how much of all the other plant foods there may be present, if one essential is deficient, a maximum crop will not be produced. Moreover, no matter how much plant food may be applied, if the soil cannot hold sufficient water to dissolve it and supply the needs of the plant for moisture in periods of dry weather, the plant will suffer. As a rule, the greater the quantity of organic matter, humus, in the soil, the larger amount of commercial fertilizer that may be profitably used, up to a certain point. Any practical farmer knows that he is more likely to obtain good returns from 500 pounds of commercial fertilizers on good land than from 200 or 300 pounds on poor land deficient in humus. These results are largely the result of differences in the physical and moisture conditions of the soil. On the other hand some crops respond better to

commercial fertilizers than do others. Corn, for instance, is a humus and nitrogen-loving plant, and responds feebly to commercial fertilizers on a poor, dry soil. In fact, some go so far as to state that it does not pay to put commercial fertilizers under corn. This is perhaps true with reference to more than 200 pounds on dry uplands, deficient in humus; but does not apply to applications of phosphoric acid, and on many soils to potash, on lands well filled with humus and organic forms of nitrogen. Cotton, on the other hand, responds well to commercial fertilizers on practically all lands, probably because it is a longer growing and better dry weather plant than corn. But even with cotton, large applications of commercial fertilizers yield the best profit on soils well filled with humus.

Perhaps, on average lands, from 200 pounds to 400 pounds of commercial fertilizers under corn, and from 400 to 600 pounds under cotton is the safest for the general farmer, but some find it profitable to use even more. For special crops, yielding large gross money returns per acre, larger quantities are generally profitable, in some instances as large as from 1,000 pounds to 3,000 pounds per acre; but these large quantities should only be used when experience or tests show that they pay.

THE BEST FERTILIZER IN THE WORLD.

It is That Made by Live Stock Properly Fed and Cared For—How to Make and Save It, and Why It is Best.

By A. L. French.

THE GENTLEMEN down at the office have hinted that they would be pleased to have me write something about "the best fertilizer." I can't do the subject justice, and will not be guilty of butchering it. For do you know what I believe is the best fertilizer that was ever spread over a piece of land? It is a broad-gauged man with an active brain, having an understanding large enough and a heart big enough to take in the full meaning of this gift of soil, handed down from the Creator; a man possessing "bull dog" grit, who doesn't know the meaning of the expression "give up;" one to whom to know how, is to do, and with all having business ability and judgment sufficient to enable him to know the difference between "that which scattereth yet increaseth," and that which simply scattereth.

Spread a fertilizer of this sort over a poor, semi-desert farm, and in a few years it will take on beauty, will "blossom like the rose," and be a lesson to all who see as to how a wise, good, man handles God's soil.

So let us leave this best fertilizer for others to handle and turn our attention for a time to the subject of stable manure, which all my readers will pardon me, if I name the second best fertilizer. We will place this fertilizer ahead of all commercial sorts because of the fact that no country of which we have read—except some small ones that have been enriched by washings from adjacent soils—has ever been able to get along and keep up the fertility of its soils without the use of this product of the stock farm, while we know of vast areas that have been farmed for hundreds of years and that are apparently as rich as when handed to man from the hand of the

Creator that have never heard of commercial fertilizers. But you will say at once: "Hasn't our system of farming in the South used up the phosphorus and potash originally in the soils?" Do you really believe this when you come to look at it candidly. Do you believe for a minute that God ever made a soil that could be robbed completely of its mineral elements in 75 years by a man with a one-horse plow? I don't.

This fellow has been running around doing what damage he could and when he had gone about so far, Nature locked up her supply of mineral fertilizer, put the key in her pocket and will hand it back only to the wise farmer who will deal fairly with the soil by the use of the big plow, stable manure and other humus makers. Possibly I am wrong in this, but I have been studying these problems pretty closely for better than 25 years and have never seen an unproductive, so-called worn-out piece of land, that when filled with humus, would not produce paying crops, and I give it as my candid opinion that I may continue to handle our farm as it is being handled—growing a large acreage of legumes each year, selling practically nothing except such products as walk away—for twenty years yet. Then my son may handle it in the same manner for forty years without the use of commercial fertilizers and his children will find it a far more productive farm than it is today.

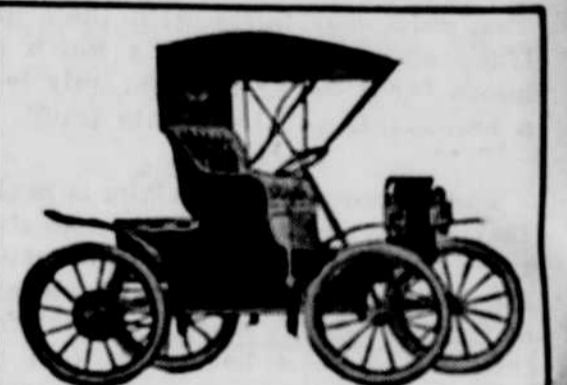
But this will not be the case if this rich stable manure—made from legume hay and grain—be allowed to lay about a big muddy barn-lot, the cattle tramping it into the mud, then the rains washing it into the creeks. Neither must it be thrown out in

large, loose piles, because there is no other work for the hands to do on rainy days, to fire-fang and throw off the greater part of its content of ammonia. Neither must the cattle be allowed to stand in the sheds without sufficient dry bedding to absorb the liquid fertilizers.

When the land is dry we love to feed the cattle right out on the sod fields, selecting feeding places on the poorer spots. Then we know the fertilizer is not being wasted but is going right direct to the spot where needed at no expense for hauling. Our cattle are never allowed to stand around in a barn-lot. They are either in the sheds or out in the sod fields. Hogs are never fed in a dirty mud-hole but out in the fields. And I don't recall a better way to enrich a field than to sow it in clover and fatten a large bunch of hogs on it. The maximum of the improvement at the minimum of expense.

The writer expects to continue to improve land as long as he lives and expects to do it largely through the use of legumes, live stocks, and good cultivation in all its branches.

Napoleon's maxim, that Providence was always on the side of the heaviest artillery in war, could be changed in farming matters, to be on the side of the most manure.—D. P. McEachem.



AGENTS WANTED

We want men who are not actively engaged in business to act as our agents. We pay liberal cash commissions. Elegant Automobile \$400, fully guaranteed. Splendid Motor-buggy \$300, fully guaranteed. Write for free catalogue and agents' proposition. Only one agent wanted in each county.

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