

Farm Department

Devoted to the interests of those engaged in Agricultural Pursuits. Conducted by J. M. Beaty.

THE CORN CROP.

While cotton is our principal money crop, no farmer should underestimate corn. It means bread to eat and fat horses, and mules, and hogs, as well as something to bring in a little money all through the year.

land. This for land that is already well inoculated with the necessary bacteria, or where the proper nitro-culture is used with the seed.

You can make the fertilizer by the following formula: For a 10-10 fertilizer, use 1,600 pounds (14 per cent) acid phosphate, and 400 pounds of muriate of potash to make a ton.

If possible, the land should be turned with a disc plow or large two-horse plow, broadcast, as this deep-breaking will bury the weed and grass seed so that your pea crop will not be troubled, even though it is sown broadcast.

If you sow your peas and plow them in broadcast with small plows, the grass and weeds will come up with the peas, and sometimes you will have more grass than you do peas, and sometimes the rag-weeds will simply take the field.

After peas are well up, work them out with cultivator. About two workings will be all that is necessary, and this cultivation will greatly increase the yield.—F. J. Merriam.

More Intensive Farming.

There is a greater need at the present time to make every acre of land produce its maximum yield than ever before. This is so for many reasons. Land has become so high priced that it necessarily must be made to produce more to make tilling the soil profitable.

The Department of Agriculture and agricultural stations of the states have spent vast sums of money in their experiments, and agriculturists who has meant more for the welfare, not only of agriculture but of the whole nation.

Under the direction of the experiment stations, and the instruction from the agricultural colleges farmers learn intensive methods of culture and grow more or less acreage. The land which they tend must be cared for in the best possible manner.

Modern farm machinery is adapted to better caring for the crops. Much of the modern agriculture progress is due to the efficient care that it is possible to give crops with the improved farm machinery.

A Frightful Wreck. of train, automobile or buggy may cause cuts, bruises, abrasions, sprains or wounds that demand Bucklen's Arnica Salve—earth's greatest healer. Quick relief and prompt cure results.

The West End Methodist Church at Winston-Salem is planning to build a \$40,000 house of worship at an early date.

How the Southern Hills Became Poor.

All over the red hills of the Southern uplands there formerly existed a vast forest of oaks. Through long ages they added humus to the soil through their fallen leaves, dead branches and decaying trees.

Then the labor system of the old South demanded extensive areas and the virgin soil was used without regard to the future. When it no longer paid in crops, it was turned out as "old fields" and left for the pine tree, to live on the scanty mineral matter left, while the same process was repeated on new areas, till finally where once oak forests flourished only pines are known.

Cotton became king in the South, and all that the soil produced was annually sent to the North and to Europe. The cotton fibre made small demand on the soil, and so long as the seed of the crop, which made the heaviest draft on the soil, was kept at home, and used in making combs for the land, the deterioration was not so rapid.

Under the old system the lands had been badly treated, and under the intense devotion to the one crop of cotton, a crop that demands the cleanest of cultivation, they still further depleted the humus in the soil, constantly depending on commercial fertilizers merely to get a crop to sell. Then, added to the one crop system, came the oil mills, and the cotton farmers had another agency for the exhaustion of the soil.

During twenty months in 1907-8 Germany alone bought 304,376 tons of our cotton seed meal. That is, she bought 12,262,560 pounds of phosphoric acid, all of which came from our Southern soils.

Then the Northern States took immense amounts, too. Is it any wonder, then, that the Southern soils have become poor?

At the price at which the cotton seed meal was sold to Germany, the nitrogen in it brought about 15 cents per pound. The farmer who sold it did not get that much. The potash and phosphoric acid brought about 5 cents. A crop of only 10,000,000 bales would make about 1,750,000 tons of cotton seed meal.

This means that 183,750,000 pounds of nitrogen, 52,500,000 pounds of actual potash and 78,750,000 pounds of phosphoric acid would be sent abroad from the soils of the South in even a 10,000,000-bale crop.

There are 10 men with life insurance policies for every woman insured When the stomach fails to perform its functions, the bowels become deranged, the liver and the kidneys congested causing numerous diseases.

get poor while selling their products for less than they pay for the same thing?

What is the remedy? In the first place, more cattle and more feeding of the cotton seed products at home. In the second place, the adoption of a rotation in which, through the more liberal use of potash, and phosphoric acid, they can get all the nitrogen needed and far more than they pay so high a price for now, through the growing and feeding of the legume crops, free of cost.

Four pounds of potash per acre will never bring forty pounds that have been taken and sold from it, and four pounds of nitrogen restored to the soil is only about two-thirds of what nature would give to every acre in the annual rainfall.

The selling of nitrogen in cotton seed meal would matter little, for that can be gotten back in larger amounts by a good rotation. It is the waste of the mineral elements, potash and phosphoric acid, which once gone from the soil must be replaced artificially, that has most reduced the soils of the South, and it is through their replacement that nitrogen will be restored.—Southern Ruralist.

Caring For Old Horses.

The old horse, with proper care and treatment, is able to stand as much hard work as the young animal and, with horses at present high prices, is worth just as much to the average farmer for general work around the farm as a much younger animal.

I have in mind at this moment a horse that is just twenty-five years old, and yet he is worked on the farm every day during the busy season, and gives a good account of himself. But he receives the very best care of care.

Too often this is not the case. With many, as soon as a horse begins to grow old, say from twelve to fifteen years, he is neglected and is no longer accorded the good treatment that young horses get.

It is obvious, therefore, that if the horses are to be serviceable until a good old age, they must receive as good care and treatment, if not better, in their latter years as they received when they were young.

There are 10 men with life insurance policies for every woman insured

Of all the dried fruits none perhaps equals the raisin in food value and ease of digestion.

Free Child's Remedy

What mother is not looking for something that will help her children in the little ills of life, something for the stomach trouble and the bowel trouble? Long ago she probably has become convinced that a child cannot readily swallow a pill or a tablet, and that to "break them in half and crush them" is an annoyance; that usually they work too drastically, and are nauseating and too powerful for the little one's stomach.

It is undoubtedly a great family-remedy, as it is adapted to all ages, being mild and pleasant to take and yet thoroughly effective. It is especially the ideal remedy for children and women and old folks, who need something pure, mild and natural.

"That elocutionist believes in dressing the part for any recitation." "How do you mean?" "Why, when she read the story about the sailors deserted on the lonely island she wore a costume of maroon, and at her lecture on Celtic wit her dress was trimmed with Irish point."—Baltimore American.

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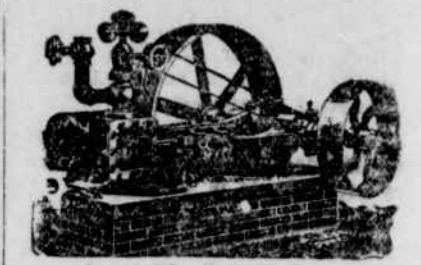
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