Department

THE CORN CROP.

While cotton is our principal money crop, no farmer should under estideep plowing in corn has passed unand grass if not destroyed will injure the corn and peas and the yield .. - F. J. Merriam. raise seed to give future trouble.

About Fertilizing Cow Peas.

writer, who kept about twenty-five methods he employed. Jersey cows and made a great deal and after the peas were off, sown in ico for new homes. trogen, which the peas had gathered present conditions, from the air, put the land in condidirectly.

crop than it does a money crop. The of the whole nation.

that is all that is necessary.

leguminous plants, forming little knots otherwise be the case. late the seed with Farmogerm, or some form of nitro-culture, which can

A fertilizer for cow peas should analyze about 10 per cent phosphoric. The West End Methodist Church at wonder then that the Southern soils acid and 4 per cent potash for clay | early date.

well innoculated with the necessary bacteria, or where the proper nitroadvisable to add at least 2 per cent ages they added humus to the

per acre in the drill or 600 pounds the woods.

cutaway harrow. Then apply your ed only pines are known. face for the mower.

will simply take the field.

it with hoes and cut out all the out with cultivator. About two work- been badly treated, and under the the old horse wouldn't bring as big weeds and grass if there is any ings will be all that is necessary, and intense devotion to the one crop of a pri e as the young horse be

More Intensive Farming.

The cow pea is undoubtedly the present time to make every acre of came the oil mills, and the cotton I have in mind at this moment a greatest soil improver we have in land produce its maximum yield than farmers had another agency for the horse that is just twenty-five years building the South. It will grow on a poorer ever before. This is so for many exhaustion of the soil. The short-old, and yet he is worked on the farm soil, and come nearer making a good reasons. Land has become so high sighted policy of selling the cotton every day during the busy season, crop under unfavorable circumstances, priced that it necessarily must be seed prevailed. Stockmen in the and gives a good account of himself. succeed in more localities than made to produce more to make till- North and in Europe found that in But he receives the very best care Dr. Paul Fitzgerald any other legume. In fact, it has ing the soil prolitable. The acreage the meal made by the oil mills they of care. come to be our main dependence, both of productive land in comparison with had the greatest and cheapest source Too often this is not the case. There is one point, however, which ishing. A father who has had a hard mills, of course, were glad to add the gins to grow old, say from twelve to we do not seem to realize, and that time in making a living for his family sale of meal to their source of reve- fifteen years, he is neglected and is, that it pays just as well, if not from a farm can hardly expect the nue. Cotton seed meal contains over is no longer accorded the good treat- Selma, : : N. C. better, to fertilize a cow pea crop growing members to obtain a living 7 per cent nitrogen, nearly 2 per cent ment that young horses get. He is as any other crop. A friend of the from the same farm by the same of potash and over 3 per cent phoseno longer groomed as regularly and

June and spread it thinly broadcast and some of our homeseekers are go- 60 pounds of phosphoric acid.

tion to produce more wheat than agricultural stations of the states many alone, when the wheat crop was fertilized have spent vast sums of money in Then the Northern States took im- an old horse are not so good as they their experiments, and agricultural mense amounts, too. Is it any won-were at one time. He is no longer This illustrates the fact that it's hoo's that has meant more for the der, then, that the Southern soils able to masticate his food especially pays better to fertilize a renovating welfare, not only of agriculture but have become poor?

This bacteria is that form of life seed is planted they are fed until a the Southern soils annually. which attaches itself to the roots of greater yield is produced than would This means that 183,750,000 pounds ter, in their latter years as they re-

or nodules, and enables the plant to | Modern farm machinery is adapted tual potash and 78,750,000 pounds of must not be neglected at any time, obtain its nitrogen from the air. When to better caring for the crops. Much phosphoric acid would be sent abroad whether working or idle. This plan these nodules form on the roots, the of the modern agriculture progress is from the soils of the South in even of treating the old horses will prove land is already innoculated, and this due to the efficient care that it is a 10,000,000-bale crop. But admitting good business policy as well as show is usually the case where cow peas possible to give crops with the im that the nitrogen and the other in a humane disposition.—Indiana Farhave been grown for a number of proved farm machinery. This is not gredients were sold at the prices mer. years on the same land. Where they only true, but a vast amount of la- named, what are the Southern far-

A Frightful Wreck.

pile cure. 25c at Hood Bros.

acid and 10 per cent potash for san- Winston-Salem is planning to build are becoming exhausted of phos- Of all the dried fruits none per-

All over the red hills of the Sou. thing? these conditions are not present, and thern up ands there formerly existed place, more cattle and more feeding where no culture is used, it will be a vast forest of oaks. Through long of the cotton seed products at home. through their fallen leaves, You can make the fertilizer by the branches and decaying trees. There liberal use of potash, and phosphoric following formula: For a 10-10 ferti- was not so great an accumulation of acid, they can get all the nitrogen lizer, use 1,600 pounds (14 per cent) this humus as in the more Northern needed and far more than they pay acid phosphate, and 400 pounds of forests, since the forests were more so high a price for now, through the child cannot readily swallow a pill muriate of potash to make a ton. For open and the leaves blew into the growing and feeding of the leaves or a tablet, and that to "break them muriate of potash to make a ton. For open and the leaves blew into the growing and feeding of the legume a 10-4 fertilizer, use 1,300 pounds (16 hol'ows and bottoms and made them crops, free of cost. per cent) acid phosphate, and 700 rich at the expense of the hills, while Four pounds of potash per acre will If in the North the heavy snowfalls never bring forty pounds that have you wish to add 2 per cent of nitro- packed the forest debris down to de- been taken and sold from it, and gen to either one of these fertilizers, cay in place. Here and there in the four pounds of nitrogen restored to ic acid and potash somewhat, but ing it not for economic uses, but crops, when by encouraging the your fertilizer will be all right for killed the trees so that crops could growth of cow peas an application of the cow pea crop. Use 300 pounds be raised on the land occupied by 100 pounds of muriate of potash and

If possible, the land should be turn- South demanded extensive areas and nitrogen as they would get from breaking will bury the weed and er paid in crops, it was turned out peas fed would forever do away with grass see so that your pea crop will as "old fields" and left for the pine any need for the purchase of nitronot be troubled, even though it is tree, to live on the scanty mineral gen. The cotton crop following such sown broadcast. Then sow your pea matter left, while the same process a fertilized pea crop would be vastly seed, using at least a bushel per was repeated on new areas, till fin-better than it is now with the direct acre, and work them in with disc or ally where once oak forests flourish-application of the little dribble

This will leave a nice, smooth sur-annually sent to the North and to can be gotten back in larger amounts the grass and weeds will come up heaviest draft on the soil, was kept from the soil must be replaced artiwith th epeas, and sometimes you at home, and used in making com-ficially, that has most reduced the will have more grass than you do posts for the land, the deterioration soils of the South, and it is through with its destruction came in and be restored.-Southern Ruralist. If you plant in the drill, prepare the Southern people were left penniyour land as above, lay off your rows less. But they still had command of with small bull-tongue, two feet apart, the cotton supply of the world and drill in your ferti'izer and plant your came to the conclusion that cotton A combined seed and fertili- was the only crop worth their atten- and treatment, is able to stand zer distributor will be found to be tion, the on'y crop through which much hard work as the young animal a great labor-saver on work of this they could recoup their fallen for and, with horses at present high kind. When planting peas in the tunes, and that with cotton they prices, is worth just as much to the drill, one-half bushel of seed per could buy everything else needed bet- average farmer for general work

After peas are well up, work them Under the old system the lands had animal. Of course, if offered for sale this cultivation will greatly increase cotton, a crop that demands the clean- cause most of his life lies in the past. the Then, added to the one crop system, five or thirty years. growing population is rapidly dimin- of protein for stock feeding, and the With many, as soon as a horse be For a time there was good land meal that leaves the South there have not being used he is left in the pasof manure, stated that it paid him in the Western States which was been carried off 140 pounds of nitro-ture fie'd during all kinds of incle

on land to be planted in cow peas, ing to western Canada and into Mex- During twenty months in 1907-8 the winter to the protection of Germany alone bought 304,376 tons straw stack. Consequently he soon wheat, than to use the manure direct. Scientific methods of farming have of our cotton seed meal. That is, she contracts rheumatism, and the next ly to fertilize the wheat in the been worked out, and are now em-bought 12,262,560 pounds of phosphor- season he is not considered as being fall. He stated that this parctice re- ployed by the most progressive class ic acid, all of which came from our worth much which may be true sulted in an enormous growth of of farmers. This has solved the Southern soils. The amount sold to enough, considering the treatment he cow pea vines, which he cut for hay, problem, and larger production on Germany was but a small part of has been receiving. The old horse and that the pea stubble, and the ni- the same area is the strong trend of what went to all Europe. Yet an does not always receive the proper enormous drain was made on South attention in regard to feed, either. Real Estate Bought and Sold

final result is what we are after, and Under the direction of the experi- seed meal was sold to Germany, the animal. So, unless some ground grain when we know a thing to be true it ment stations, and the instruction nitrogen in it brought about 15 cents is provided for him and he is given from the agricultural colleges farmers per pound. The farmer who sold it sufficient time to eat his meals when While there are comparatively few learn intensive methods of culture and did not get that much. The potash being worked, he will fail to get the of us who have manure with which grow more or less acreage. The land and phosphoric acid brought about full benefit of his food and in a to fertilize our peas, we can all se which they tend must be cared for 5 cents. A crop of only 10,000,000 short time will begin to lose flesh cure the cheaper forms of chemical in the best possible manner. They bales would make about 1,750,000 tons and will no longer present the fertilizer, such as acid phosphate and select and test their seed before it of cotton seed meal. From the best sleek appearance of former days, potash, and if your land is well inno is planted. They make sure that if statistics available, three-fourths of It is obvious, therefore, that if the culated with the necessary bacteria, it will not grow well they will not this amount is exported, or 1,312,500 horses are to be serviceable until a waste their land on it. After the tons of cotton seed meal sent from good old age, they must receive as

of nitrogen, 52,500,000 pounds of acceived when they were young. They do not appear, it is best to innocu- bor can be saved .- Indiana Farmer. mers doing to repair this waste? There are 10 men with life insur-

Thousands of them are buying the ance policies for every woman insured low grade-8-2-2-fertilizers, in which now be secured very cheaply in a of train, automobile or buggy may they pay 20 cents per pound for ni- When the storach fails to perform commercial form. If you are uncer- cause cuts, bruises, abrasions, sprains trogen, after they have sold the its functions, the bowels become detain as to whether or not your land or wounds that demand Bucklen's Ar. same article for less than 15 cents ranged, the liver and the kidneys concontains the necessary bacteria, it is nica Salve—earth's greatest healer, per pound, and are using of this about gested causing numerous diseases best to innoculate your seed, any Quick re'ief and prompt cure results, 200 pounds per acre. That is, they The stomach and liver must be reway, and if cow peas have not been For burns, boils, sores of all kinds, are putting back about four pounds stored to a healthy condition grown on the land for a number of eczema, chapped hands and lips, sore per acre of nitrogen and four pounds Chamberlain's Stomach and Liver years, you may be pretty sure that eyes or corns, its supreme. Surest per acre of potash, after taking ten Tablets can be depended upon to do times as much from the soil and sell- it. Easy to take and most effective. ing it at lower figures. Is it any Sold by Hood Bros,

dy land, and 10 per cent phosphoric a \$40,000 house of worship at an phoric acid; potash and nitrogen? Is haps equals the raisin in food value it any wonder that the land owners and ease of digestion.

land. This for land that is already How the Southern Hills Became Poor, get poor while se'ling their products for less than they pay for the same

soil In the second place, the adoption of

Then the labor system of the old per acre, would give them as much low-grade mixed fertilizer.

fertilizer and harrow in with smooth- Cotton became king in the South. The selling of nitrogen in cotton ing harrow and drag or roll level, and all that the soil produced was seed meal would matter little, for that Europe. The cotton fibre made small by a good rotation. It is the waste If you sow your peas and plow demand on the soil, and so long as of the mineral elements, potash and them in broadcast with sma'l plows, the seed of the crop, which made the phosphoric acid, which once gong peas, and sometimes the rag-weeds was not so rapid. But the Civil War their rep'acement that nitrogen will

Caring For Old Horses.

around the farm as a much younger est of cultivation, they still further some horses that have always redepleted the humus in the soil, con-ceivel the best of care never seem stantly depending on commercial fer- to grow o'd, but are able to perform

phoric acid, and in every ton of the thoroughly as he formerly was; when better to haul out his manure in obtainable. Such land is scarce now, gen, 40 pounds of pure potash and ment weather and, if stable room is a little short, he is turned out for The Department of Agriculture and ern lands in even what went to Ger- Many do not stop to take into consideration the fact that the teeth of corn, thoroughly, nor can he eat his At the price at which the cotton ration in as short a time as a young ARCHITECT and BUILDER

good care and treatment, if not bet-

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HOOD BROS.

ing the part for any recitation." "How the best Swing Saw Machine in the do you mean?" "Why, when she world for the price. OLD MACHINread the story about the sailors de- ERY MADE GOOD AS NEW. High serted on the lonely island she wore a costume of maroon, and at her lec. grade work guaranteed. Agents for ture on Celtic wit her dress was the leading makes of Machinery, care trimmed with Irish point."-Baltimore Good stock of machine supplies al-

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