# Farm Department

Agricultural Education.

Some time ago we promised show the real facts as to the influence of agricultural education. The point at issue was whether agricul-

of any agricultural school.

ceived from men and women who after farmers by these instituions.

the total aggregate of farmers.

There are two correct replies

professional schools. The general; tion many leaders of agricultural oragriculture, presidents of state agri-try.-Richmond Times-Dispatch. cultural societies, masters of State granges, Farmers' Union officers whose personal history prove this contention.

graduates. The average period of of farmers thus trained could much produces great crops and the weak exceed 100,000, out of some 15,000,000 places average up with the bottoms.

number of graduates is a matter of would not sell it to-day for \$60,000. statistics are available.

Increase.

men practically all are engaged in regard to its component parts. were intended to fit them.

tified with them, the colleges are automobile."-Charity and Children. hogs, sheep, cows, horses and fowls. responsible for nearly all that science has done for modern agriculture.

Every farmer who treats his grain for smut, who attempts to protect his shallow cultivation for the conserva-

It adds wonderfully to the credit over the soil.-Indiana Farmer.

large part of these great benefits to the farmer have been made possible by the work of men trained in these very institutions. These men may not be classed as practical farmers, but thousands of practical farmers owe ing of farmers .- Southern Ruralist,

Cabbage and Beans.

Cabbage and Beans.

More than one hundred varieties of cabbage are cultivated in the United States. It is much used as an article partment of Agriculture advises far as inexpensive a sort of roughness as all could be desired. The encyclopedia for could be desired. The encyclopedia describes it as "a plant in general describes it as "a plant in the souch as table was part of the dull have to take the dull have to take the dull have to take tural education had a definite ten- States, It is much used as an article partment of Agriculture advises far- I knew a farm boy who was very dency to turn its possessor away from of food, supplying as it does about mers in the tick region to take strong. He was a good student and of automobiles hitch their gasoline en- way Not a single farmer has ventured could be desired. The encyclopedia far as practicable. to go on record with an expressed describes it as "a plant in general belief that agricultural education in cultivation for culinary purposes and removed for a sufficient time become he became devoted to agriculture. jured any farmer. Not a single wri- for feeding cattle." It can be eaten free of ticks by a process of starva. When school was out he was given lially for all these purposes—engines ter has cited a known case of any by humans cooked in various ways, tion, as the ticks can not live to a position in my district in charge of small capacity, engines of large boy having been turned away from raw as a salad, and salted and cured maturity if they are unable to get of demonstration work. Last season capacity, the farm, toward which he original- as kraut. Cows eat it freely when upon animals. The time required for the farmers who made crops under With the growing difficulty of sely inclined, by the direct influence it is bolled with corn meal or wheat all ticks to die after the stock has this student made an average of sixre- of Brunswick stew.

as kraut. Cows eat it freely when as some as some as some and it is boiled with corn meal or wheat branch and it is boiled with corn meal or wheat branch and it is served to them as a sort of Brunswick stew.

It is not unlawful to eat cabbage. It is not unlawful to eat cabbage at the conditions. Experience the head of this plant has been sefected for the purpose of unfriendily to comparison in sundry cases; but the cabbage crop is a very large one sand profitable withal. Three years and profitable withal in the barn and at the house and in the field.

So the cabbage grow is a very large one has the conditions. Experience the head of this plant has been settled from September 1 to July 1 is sufficient, and this appears to be good, prosperous farmers have been should be promised to first bushes above the attention of the value of the gasoline on the spot when needed, farmers with made an average of six turdent made an average o firm that they were either attracted although we do not see why any one ther conditions. Experience has average crop was made. to the farm or have been made bet should care to, and, besides, since shown, however, that the period I could relate dozens of instances in the field. phase of the question. One point, ly comparison in sundry cases; but most convenient time. to plants for sale to cabbage growers, other season, and it will be benefited sacrifice than otherwise. this contention. First, the college We do not know the nutritive value by the rest and will have a better bred farmer seldom claims superiority of the cabbage; but we are sure growth of grass the following sum. old, get experience, go to school, talk gasoline engine to begin with. It is because of his college training. He that it is far below that of the mer. In some sections where pas to others of your standing, learn all cheaper than horse power and far rests his whole claim to recognition bean, which grows in the Souhtern tures are utilized throughout the you can from observation, receive in- cheaper than hand power .-- Home on his success as a farmer. Except States in great perfection. String winter, to vacate would probably ne. struction from these agricultural pro- and Farm. among his intimate associates the bears, or snaps as they are called, cessitate feeding the stock, unless fessors. The best farmer is the school from which he came receives contain per cent: water, 89.2; pro- the farmer is situated so that he one that has the most experience. little recognition or credit for his tein, 2.3; fat, 0.3; carbohydrates, 7.4; can keep his stock on one pasture All around me and everywhere I go The facts are identical with other is placed at 195 calories the pound. But it is also true that beginning experienced men to run our farms?"

public seldom knows anything of the the wonder is that the bean is not abundant supply of rough feed about those of experience." training of the successful lawyer, phy- more generally eaten because of its a farm which can be utilized. Ausician or farmer. We could men-nutritive value, as well as its cheap-gust is a most favorable month for that good experience be given quickness and the ease with which it can making a start toward freeing prem- ly. If we farmers did not demand agganizations, state commissioners of be grown in this part of the coun- ises of ticks by the method , sug- ricultural colleges the government

#### The Plutocratic Farmers.

"The best way to discover the ad-Second. The possible number of vancing value of farm lands and the to be put a mere insignificant numer- is to revisit the scenes of your child-There are something like fifty agri- ter well remembers a plantation in more practicable to dip them. cultural schools and colleges with the neighborhood where he was reared that was noted for its poverthem have educated 100 farmers per were few and far between. It was real possibilities-the total number and its frail and feeble corn. It now Twenty-five years ago that place Now let us turn to the actual recor would have been considered dear at of achievement. The total number \$7,500; it sold last spring for \$37,000, of farmers coming within the sphere and the buyer is chuckling over his of influence of agricultural colleges bargain. Another plantation in that through short courses, extension neighborhood more valuable than the work, institutes, and similar effort one mentioned, was worth a quarter can only be surmissed. The actual of a century ago \$12,000. The owner

record, and therefore fairly accurate "The small farmer in the old days with a hundred acres of land and the Ruralist and a half score of oth-Of the total number of graduates hardly able to make buckle and er agricultural papers. The reason of these colleges over 60 per cent tengue meet, finds himself now worth I go over to my neighbor farmer and are actually engaged in some kind of \$10,000. This is the way things are talk over his ideas it to get his exagricultural pursuit. In some instigoing in that section and although perience. tutions the average is over 95 per properly values have bounded forcent, and the average percentage of ward more rapidly there than in most cided to send me to some college. farmer graduates is steadily on the sections of the State, the progress in This they did I believe as a sort of the value of farm lands everywhere duty, as my friends were all being The question is a national one, as has been steady and strong. Further- sent to various schools away from these colleges are national in origin more, the methods of farming have home. I went and thought I would and largely so in support and manage- more than kept pace with the increasment. We therefore cite the definite ing value of property. The use of farming, as I had never seen anyfacts relating to a few of the better fertilizers is much more intelligent thing easy or inducing upon my faknown, as illustrating the general than formerly. Even the negroes ther's farm. Nothing but a great have at their tongue's end the pro- deal of hard work. The per cent of graduates engaged per proportion of constituent elein agricultural occupations is as fol-ments in commercial fertilizers that and decided to prepare myself for a lows: Minnesota, 90; Wisconsin, 75; are suited to certain soils and crops. school teacher. Occasionally I would Cornell, 91; Michigan, 75; Massachu- This is not as it used to be, for go out upon the college farm with setts, 65; Mississippi, 65. Of the guano was guano then, and the main my student mates who were taking thousands of short and partial course thing was to get hold of it with no the agricultural course. I could see

the work for which these courses "The danger before our farmers is subjects of the farm. They would the same thing that confronts our tell me how to prepare the soil, se-These facts should suffice to satis- people everywhere, namely, automo- lect seed, cultivate and harvest fy any one that these colleges are biles. If they do not get into the crops to the best advantage. I could more for cotton than it will pay when really and effectively fulfiling their habit of spending all their profits for see work that was being done with mission of making trained farmers speed, they are on the high road to intelligent labor and good tools. We and a more intelligent agriculture. wealth. We were glad to observe would return to our rooms and the There is, however, another very im- among our old neighbor, a disposi- next chance I would go out by myportant element in agricultural pro- tion to harness up the mules and go self. I would visit the live stock gress for which they are entitled to to church in the good old way and department, see the best breeds of credit. Directly and also through the we hope they will continue to do this, stock of our country, talk to the experiment stations, so closely iden- and ride only in the other fellow's keepers of the various breeds of

#### The Barnyard Manure.

crops from the chinch bug, who treats says that manure can be hauled and peas from the vines. I was especialhis seed potatoes for scab, who scattered over some portion of the ly carried away with this last masprays his trees for any pest, who farm every month of the year to chine, as picking peas upon my fauses the Babcock test, who practices good advantage. It is much better to ther's farm had been a great drudgleave it on the land than in the ery. tion of soil water, who vaccinates barn yard or in piles near the farm | Finally I became restless trying to tion of soil water, who vaccinates barn yard or in piles near the farm against black leg, or sprays his fields buildings. The Station has found become a school teacher, gave up that course and selected the agri-

September 1 to July 1.

The month of August lends itself back the money I spent. their success to the training of in- well to the eradication of cattle fe-

mineral matter, 0.8; and its fuel value while another pasture is kept vacant, is the cry, "Where can we get This is interesting, in a way, and with September there will be a more gested.

free of ticks when they are again tries to make his paper what turned on the pasture in July. Where readers mostly desire. the owner has a small number of catcollege-bred farmers is so small as prosperous condition of the farmer Beaumont crude petroleum is a good would you think of a man who had way to rid them of ticks. When the never seen a mowing machine try ical fraction of the total number of hood and compare the situation as it number of cattle is large or when a ing to invent one, when he could was then and as it is now. The wri- dipping vat is convenient it may be with but little money or credit buy

rid of the ticks, including directions own experience when others are wiltheir activity has scarcely exceeded ty, Its sand spots were white and for the preparation of dips and ling to give you instruction from twenty-five years. Should each of glistening and the bottom patches sprays, may be obtained free upon theirs .- J. B. Jones, in Southern Ruapplication to the Bureau of Ani- ralist. year-a number far in excess of their notorious for its 'bumble bee' cotton mal industry, Department of Agriculture, Washington, D. C.

> If your liver is sluggish and out of tone, and you feel dull, bilious, night before retiring and you will feel all right in the morning. Sold by Hood Bros.

#### Education is Accumulated Experience.

Progress upon the farm depends upon experience. This is why I read

Several years ago my parents de-

I entered the agricultural college that they were enthused over the

mill, corn husker and shredder, and The Minnesota Expermient Station a pea thresher that would thresh

They would talk hours and hours up- Bros.

seen themselves. I took a broader A Pasture May be Freed of Ticks by conception of farm life, kept aloof

There can be no argument on this lected for the purpose of unfriend- cient, and this appears to be the I have never seen a case where enough to know all about this simple however, demands brief consideration. the cabbage crop is a very large one The advantage of vacating a past spoiled by agricultural education. the young to master machinery of It is claimed by some well maning and profitable withal. Three years ture for the period named is two. Such education teaches the love of this character because they are simcritics that the total number of col- ago one cabbage planter in the fold. Not only is the pasture freed farming, it gets you interested in ple, effective and inexpensive. Let lege and school made farmers have South cleared \$50,000 on his cab- from ticks, but its disuse during that the work. With love and interest a him take up the study, write to admade little numerical impression on bage crop alone, and another man time will probably cause less incon- person will go through a great many vertisers, get all the information ob-

Many advertisements are only

This Southern country is demanding would not be building them by the The animals should of course be hundreds. The editor of a paper

Agricultural colleges make accum tle, greasing or spraying them with ulated experience accessible. What a machine? It is bad economy Full information as to how to get try to learn everything through your

Using Your Resources Well.

Readers of Home and Farm have constipated, take a dose of Chamber- seen much in the newspapers and lain's Stomach and Liver Tablets to- magazines about the "conversation policy.' It originated in connection with western forests. The movement is an effort to prevent the destruction of these forests, first by fire, and second by the unwise cutting timber.

> "conserved" besides western forests. We waste our soil. We waste our seed and our labor. We waste our and turned work. Heavy Turning money. We waste our lives. A broad conversation policy calls

for the adoption of rules for the conduct of life which will make our labor more effective, which will enrich our soils through cultivation; which will develop our seed and live-stock through wise selection; which will secure labor-saving devices for the conservation of health and strength.

The farming community of the South has reached another season of harvest. Slowly the cotton is ripening for the hand of the picker. It is work that has to be done not by mechanical devices but by manual labor. Some day the inventor will come on and show how it can be done by machinery and how to harvest wheat.

But it is a dream and this inventor is manifestly a long way off. In the cotton picker is at work in the fields.

The purpose of this article is to talk awhile to the Southern farmer about the uses to which he will put his income this year. We are assuming that after the harvest, after he has paid his hands and his I would visit the farm machinery, see thing left for investment. We are store account, there will be someurging upon him to invest this surplus, whether it is big or little, in farm implements, in household utensils, in those things that lighten labor and make labor more productive. -Home and Farm,

In buying a cough medicine, don't practical value of the agricultural col-lege. help to lightening the work of unload-cultural. I met instructors whose ex-ially recommended for coughs, colds and whooping cough. Sold by Hood

due these institutions that a very EXTERMINATING CATTLE TICKS, on facts, things they had done and The Gasoline Engine On the Farm.

We have had something to say to Keeping All Stock Off of it from from society, read and studied all our readers about that labor-saving most night and day, because my device, the gasoline engine. It will time was limited and I was to pay in time work a revolution not only in the cities but in the country. I remained three years in college. The modern automobile has as its stitutions which placed the making ver ticks where a pasture rotation then came home, drained my old motive power the gasoline engine. of useful men above the mere mak- plan is used. By vacating a pasture home field, broke my land in the The new boats along our rivers and during this month and keeping it fall, planted legume crops, cron crops, the yachts along the seashore are

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#### Four Oaks Lumber Co. ley.

## Free Liver Remedy

It is well to stop a physical ail-ment at the first signs of its approach and that is especially true of liver trouble, which can eventually give rise to so many serious complications. Many have liver trouble and imagine

wrong remedy.

When the liver does not store up sufficient gastric juices it becomes sluggish, and in this way disturbs the stomach and bowels, with which it is supposed to work harmony. Then comes the sallow the pimply face, the duite the pimply face, the duite that the pimply face is the pimply face.

# Do You Iron?

ily that does, and you would like to eliminate the drudgery of this perpetual task? If so write me a card to-day and I will be pleased to mail you circulars, and write you a letter concerning a method, and a practical little instrument that will help you al that is caimed of it besides being the cheapest of all ways to smooth a wrinkle. Write to-day,

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model applied power only. All horsepower machines will have 1908 shoe or shaker, and we will build

machines if desired with 1910 general construction and 1908 shoe or shaker. Standard Peanut Co. buyers say: "It is a standing rule with our buyers to

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