Modern Farm Methods As Applied in the South.

Notes of Interest to Planter, Fruit Grower and Stockman

Growing Good Crops of Wheat.

The present good price for wheat, and the apparent prospect for its continuance, is exciting interest in wheat raising in the South, and I am getting letters from many farmers, who have not been growing wheat, asking for the best methods for its cultivation. While wheat can be grown in the coastal plain of the South Atlantic region, it is hardly probable that uniformly good crops will be made there, because as a rule the soils are rather too light and the climate too humid for the best results in wheat, though in certain unusually favorable seasons good crops may sometimes be made.

The best wheat soils are the medium heavy clay loams, and a limestone soil is highly esteemed for wheat. Good drainage is, of course, essential to a crop that must pass through the winter, and only well drained solls can be expected to make good wheat crops.

Formerly, it was thought that the ideal preparation for wheat was a clover sod broken early in the summer and harrowed and tramped till well settled. And there is no doubt that a well prepared fallow is still excellent for the wheat crop. But cultivators have long since learned that this sort of preparation for the wheat crop is too expensive, as it takes the labor of the farm through most of the summer without any crop on the land, and the exposure to the sun is also a bad thing for the soil. In my boyhood I can well remember that a farmer would apologize for the appearance of a certain field by saying that it was "corn land" wheat, and could not be expected to be equal to fallow wheat.

But these same farmers who formerly thought that they were doing well to get fifteen bushels of wheat per acre, have long since found out that fifteen bushels is a very small crop, and that there is no better preparation for wheat than a corn field deeply broken in the spring and cultivated shallowly all summer, so as to bring about the same ideal conditions that an early-broken fallow gives. They have found, too, that after the hoed crop, whether wheat or tobacco, there is no need for replowing the land. In fact, there is good reason for not doing so, for the shallow and level culture of the corn has brought about the very best conditions for wheat, a well compacted soil and a fine surface.

Therefore, after a crop of corn or tobacco is off the land, a light disking kept up both ways till the surface soil is made very fine, will be all that is needed. If peas have been sown among the corn or tobacco, they should be mown off, for the turning under of such a growth would prevent the compacting of the soil that wheat demands, and more wheat will be made with the peas cut off than if they were turned under. But one thing is certain, and that is, that the surface soil can not be made too fine. The best wheat soils in Virginia and North Carolina are the red uplands of the Piedmont section. Lands like the farm of Mr. Lambeth, in Randolph County, near Thomasville, in Davidson, where a crop of over thirty bushels is reported this season, should be made to average that much, or more, every season. The farm of the late Governor Holt, in Davidson, has made over forty-five bushels per acre. and these crops show that these red lands are ideal wheat soils, and will farming than the famous spring wheat lands of the Dakotas. But good farming demands that crops shall be grown economically, and it has been found, as I have said, that the fallowing system is not an economical way to raise where Our clover sod, while it will make fine wheat, can be more economically used for the corn crop. The farm manure spread on this clover sod as made during the winter, and plowed under in the spring, makes the best of all preparation for the wheat crop if the corn is cultivated shallow and level during the summer, thus producing the same conditions that would be made on a summer fallow, while making a valuable crop.

The same may be said of the tebacco crop as a preparation for wheat. The leading idea is to make the breaking early, and then devote the whole season to the preparation of the surface soil to get it fine, and the lower soil compacted to the state the should study the growth of the roots, wheat prefers.

Then as to sowing. Too early sowing must be avoided on account of the Hessian fly. There is less danger of the fly after we have had one good white frost, and I would always defer the sowing to this time. This will usually make the sowing in all the warmer parts of the State of North first of November, and somewhat ear ity and increase the yield of butter.

ther in the upper sections. Mr. Dauthridge, in Edgecombe County, made some years ago a fine crop of wheat sown in December, but in any of the upper parts of the State that would be entirely too late to give the wheat a fair chance, while it might do in lower Georgia and Alabama,

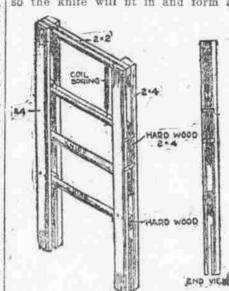
As to the amount of seed to be used, I would sow more on thin land than on strong land, for it will tiller less. On the best wheat soil five to six pecks per acre, and on thin soil seven pecks or even two bushels per acre will be none too much. Get seed wheat, if practicable, south of you rather than north, for south wheat is sown later and ripens earlier, and hence earliness is promoted by going south for seed. In the days of the old Blue Stem White wheat it was common for Maryland farmers to get seed from North Carolina, and they found this to be an advantage in earliness.

Where one has a manured clover sod turned for orn, the only fertilizer that will be to bled on red clay soil will be about 100 pounds of acid phosphate per acre, and on sandy or grey soil an addition of twenty-five pounds of muriate of potash will be an advantage. Always drill the seed with a wheat drill, and never follow the old practice of sowing broadcast and harrowing in. See that the seed is clean, plump and heavy, for a great deal depends on the vigor of the plants, and you cannot expect strong plants from shrivelled seed.

You will have no cheat unless you sow the seed with the wheat or have land already infested with cheat seed. Cheat is more common among oats in the South than among wheat, for the cheat seed is very much like a small oat, and farmers sow, them with the oats without suspecting their presence. Then the winter may be hard and the oats get killed, but the hardy cheat grows, and the farmer, seeing green, leaves, imagines that it is oats till it heads out, and then he thinks his oats have turned to cheat. No man ever had any cheat but what came from cheat seed which was in the ground or was sown with the grain.-Progressive Farmer.

Kafir-Corn Cutter.

L. A., of Grenola, Kan., writes that a good kafir-corn header can be made at a little expense out of two old stalk cutter knives and a few pieces of lumber. This is used for heading kafi-corn out of the shock. The lower knife should be bolted in the pieces of the frame, which should be notched so the knife will fit in and form a



smooth edge. The trame should be set on the side of the wagon. One make more wheat to-day under good man should stand on the ground and put the bunches or bundles on the knife, while the other man stands in the wagon and pushes the knife down against the bunch, the knife cutting the heads off, which fall into the wagon.

Cultivating Cantaloupes.

A thorough preparation of the soil before it is planted to cantaloupes will very much lessen the necessity for so much cultivating afterwards, but a great deal depends upon frequent and thorough cultivation during the early stages in the growth of cantaloupes; at first it should be deep and thorough, but not close enough to disturb the plants; the cultivations should be more shallow and further from the hills as the plants develop. The grower who cultivates deep and close to the hill because the vines do not prevent him, is cutting off one source of early cantaloupes. He for they form the counterpart of the vines on the surface, only they ramify the soil more thoroughly and to a greater distance than the length of the vines.

The Separator's Value.

A separator will reduce the number of churnings, the length of time it Carolina about the last of October or takes to churn, and improve the qual-

SHOULD WAGE WARFARE AGAINST FLY IN WINTER

warfare against it, therefore, does ectady Gazette.

The point was recently made by a not become any less. Scientists and contemporary that the danger of the hygienists declare that disease is ofhousefly does not decrease with the ten transmitted by this insect, and coming of cooler weather, but on the the claim is one that is supported by contrary, rather becomes greater. The facts. Such being the case, the insect is driven within doors, seeking sooner we get to work in earnest, all the warmth from the fires, and be- over the country, to eliminate it, the comes at the same time both a greater better. The next few years will witannovance and a greater threat to ness a great advance in sanitary health. The advisibility of waging measures to prevent disease.—Schen-

WHAT HE MIGSED.

He caught a few fish very neatly;
He also caught cold now and then,
By mosquitoes surrounded completely
He seemed most sought after of men.

He bore all his like a martyr, And said with a resolute glee, "Howe'er it may burt as a starter, I want all that's coming to me."

The jelly fish cheerly stung him,

The hornet and wasp did the same.

And sunburn with agony wrong him,

But he vowed it was part of the grane.

But he sighed as he stood in the station Whence the engine derisively hissed; In all this confounded vacation, The train is the one thing I've missed."

Great grafts from little duties grow.

"Did Jones lose control of his auto?" "Completely; the cook uses it all the time."-Puck.

"Why, Johnny, what are you crying so about?" "Got a lickin'!" "Well, don't you mind." "G'wan! That's wot I wuz licked fer!"-Cleveland Leader. Tenderfoot-It's my intention to be a cowboy. Cowpuncher-Come out ter be a cowboy, hey? Well, I reckon you'd make a better milk maid .-Judge.

"He's starting out in the literary field very confidently." "Yes; he expects to make 'em elongate that fivefoot shelf by at least 18 inches."-Louisville Courier-Journal.

"Great doings at the ball game today. Every ambulance in town was on duty." "Did the crowd mob the umpire?" "No, the umpire mobbed the crowd."-Cleveland Plain Dealer.

"Why is it nobody likes Smith?" 'Oh, he's one of these 'I told you so' fellows." "How about Jones?" "He's worse yet. He's one of the 'I could have told you if I'd wanted to' variety."-Puck.

"Your hair wants cutting badly, sir," said a barber insinuatingly to a customer. "No, it doesn't," replied the man in the chain. "It wasts cutting nicely. You cut it badly last time!" -Philadelphia Inquire.

"When you started on your political career you made numerous excellent resolutions." "Yes," answered Senator Sorghum, pensively; "but I have tacked on a great many amendments since then."-Washington Star.

"Old Moneybags Is afraid that prince he bought for his daughter is a bogus one," "Why so?" "When it came to settling up, he asked for the prince's debts, and the fellow told him he hadn't any."-Baltimore Amer-

The Bride-Oh, darling, our honeymoon was just the loveliest ever. The Groom-It certainly was, dearest. The Bride-And I have only one regret-I may never have the pleasure of going through another-Chicago Daily News.

Author-I'll bet you looked at the last page of my story to see how came out. Reader-I did not. I read it through and then looked for the name of the publisher. And even then I couldn't figure how it came out,-Cleveland Leader.

"Did you find yourself embarrassed while in Europe by your lack of acquaintance with the French language?" "No," answerd Mr. Cumrox. "I think I suffered less embarrassment than the other folks. I couldn't tell half the time what they were blushing thout."-Washington Star.

COLLEGE REFORM.

Corporation Formed for the Betterment of Higher Education.

A number of gentlemen interested in the betterment of education in our colleges have just formed an organization to be called the Higher Education Association, whose purpose, as set forth in its articles of incorporation, is "to improve higher education throughout the United States, and in particular the internal and external conditions of the American college, by furnishing an agency and funds whereby a careful study can be made and improvement can be brought about in the institutions of higher learning."

The capital stock of this new association is \$300,000, and among its incorporators are Edwin E. Slosson, editor of the Independent; ex-Secretary of the Treasury George B. Cortelyou Virgil Prettyman, principal of the Horace Mann school; Charles E. Sprague, Arthur H. Pogson and Clarence F. Birdseye, at whose initiative this movement was begun and whose recent writings regarding conditions in our colleges have recently been noticed at some length in our columns. A magazine will be founded, to be called The American College, which will record the results of these investigations and otherwise promote the aims of the association. The standing and experience of the men associated in this new movement are a guarantee of the seriousness and high character of their aims and efforts, and since not only questions of administration, but of the social influences ,the moral life and the highest all-around development of the student in our institutions of higher education are to be considered by it, its investigations and recommendations will be noted with interest and, we trust, with great profit to all the college world.-Christian Intelli-

Children of the public schools in the province of Ontaria, Canada, are to have much cheaper school books, to be supplied by the provincial government under a five year contract beginning Aug. 1, 1909.

MUST BELIEVE IT.

Every Reader Will Concede the Truth of This Statement.

One who suffers with backache or any form of kidney trouble wants a cure, not merely temporary benefit. Rev. Maxwell S. Rowland, of Tom's

River, N. J., makes a statement in this connection that is worth attention. Says he: "I was suddenly taken with an attack of kidney trouble, had severe pains in my back and loins and was generally run down. Doctors were not helping me, so I began using Doan's Kidney Pills. They brought me prompt relief, and as I continued taking them the pains in my back disappeared and

the kidneys were restored to normal condition.' Remember the name-Doan's. Sold

by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

Soon gained, soon squandered. Rough on Rats, unbeatable exterminator. Rough on Hen Lice, Nest Powder, 25c. Rough on Bedbugs, Powder or Lig'd, 25c. Rough on Fleas, Powder or Liquid, 25c. Rough on Roaches, Pow'd, 15c., Liq'd, 25c. Rough on Moth and Ants, Powder, 25c. Rough on Skeeters, agreeable in use, 25c. E. S. Wells, Chemist, Jersey City, N. J.

The son-in-law's sock is never full. Mrs. Winslow's Soothing Syrup for Children teething, softens the guns, reduces inflamma-tion, allays pain, cures wind colic, 25c. a bottle.

Sweet are the slumbers of the virtuous man.-Addison.

COVERED WITH HIVES.

Child a Mass of Dreadful Sore, Itching, Irritating Humor for 2 Months -In Terrible Plight-Disease Cured by Cuticura.

"My six year old daughter had the dreadful disease called hives for two months, She became afflicted by playing with children who had it. By scratching she caused large sores which were irritating. Her body was a complete sore but it was worse on her arms and back. We employed a physician who left medicine but it did not help her and I tried several remedies but without avail. Seeing the Cuticura Remedies advertised, I thought I would try them. I gave her a hot bath daily with Cuticura Soap and anointed her body with Cuticura Ointment. The first treatment relieved the itching and in a short time the disease disappeared. Mrs. G. L. Fridhoff, Warren, Mich., June 30 and July 13, '08." Potter Drug & Chem. Corp., Sole Props, of Cuticura Remedies. Boston, Mass.

The talker sows, the listener reaps, When the lining of the bowels is irritated we have pains or diarrhoea. Whatever the cause take Painkiller (P-rry Davis').

Him that is in possession God helps,-Italian.

FOR HEADACHE-Hicks' CAPUDINE Whether from Colds. Heat, Stomach or Nervous Troubles, Capudine will relieve you. It's liquid-pleasant to take-acts immediuid-pleasant to take-acts immedi-Try It, 10c., 25c. and 50c. at drug

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when you went to ask him for her hand ?''

"Not very. He asked me to put the proposal in writing so I couldn't back out, as all the others did."-Baltimore American. So. 39.-'09.

No Let Up.

"There's the devil to pay at my

"Beter go to church then." "Well, there's the preacher to pay."-Atlanta Conctitution.



You can't have a beautiful complexion if your blood is impure or if you suffer with indigestion or any stomach or liver ailment. Munyon's Paw-Paw Pills regulate the bowels, correct indigestion, constipation, biliousness, torpid livers, jaundice, sallow and dull complexions. They purify the

blood and clear the skin of pimples, sores and most eruptions. One pill is a gentle laxative; two pills a thorough physic. They do not gripe, they do not weaken. Price 25 cents. MUNYON'S REMEDY CO.,

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or died, when I read about Lydia E. Pinkham's Vegetable Compound; so I began to take it, and am well again and relieved of all my suffering. GEORGE JORDY, Box 40, Mariton, N.J. Lydia E. Pinkham's Vegetable Com-

pound, made from native roots and nerbs, contains no narcotics or harmful drugs, and to-day holds the record for the largest number of actual cures of female diseases we know of, and thousands of voluntary testimonials are on file in the Pinkham laboratory at Lynn, Mass., from women who have been cured from almost every form of female complaints, inflammation, ulceration, displacements, fibroid tumors, irregularities, periodic pains, backache, indigestion and nervous prostration. Every suffering woman owes it to herself to give Lydia E. Pinkham's Vege-

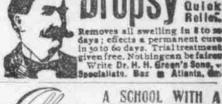
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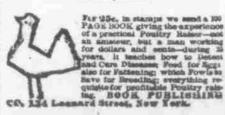


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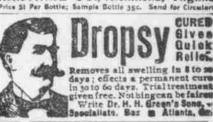
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