

SOUTHERN FARM NOTES.

TOPICS OF INTEREST TO THE PLANTER, STOCKMAN AND TRUCK GROWER.

Growing Strawberries.

I first plow my land in the spring or fall. Sow to cow peas about two years, mowing off the hay. Then in October or November I prepare my land well by plowing. I apply all the stable manure I can to the land, at the rate of twenty or thirty loads to the acre. I also apply 200 pounds acid phosphate, 100 pounds cotton seed meal, fifty pounds muriate potash to the acre, in the drill or broadcast. I do not give much commercial fertilizer in the late fall, as it will waste through the winter months if we have much rain. I put from 200 to 300 pounds acid phosphate, 150 pounds nitrate of soda, 150 pounds sulphate of potash unless the land is very rich. I first break land well, then throw up high beds from two and a half to three feet apart; then take a board and run over the beds, making them level on top, and not too high. I cultivate but little until early spring. As soon as the grounds get dry, I then work and put on spring fertilizers. When the blooms begin to come I stop cultivation. If possible I cultivate three or four times. I then get pine leaves which cost from six to eight dollars per acre, and mulch. I only mulch the top of the bed, and not the middle, as I find the mulch a good place for the May beetle to deposit her eggs, which makes the white grub. The only way I can get rid of them is to dig them out and kill them. I have to depend on children to a large extent to do my picking and I superintend the work myself. I use checks to keep the number of quarts each hand picks and we have no trouble to settle after we are done gathering. We cash these checks every morning.

I have shipped ten miles and had my berries on the market by 9 o'clock. After the gathering season is over I cultivate by working the mulch in the soil. By so doing I can keep a vegetable matter in the soil, and it does not burn by the fertilizer. I do not fertilize at once. If dry I wait until August to fertilize my vines. They will do but little until the weather gets cooler, and then they make up all lost time. I use for this fall manuring 200 pounds acid phosphate, 100 pounds nitrate of soda, seventy-five pounds sulphate of potash per acre. Keep well cultivated, and surplus runners cut out and am sure to get a crop if you can get moisture.—F. P. O'Shields, Jonesville, S. C.

Why Cotton Fails to Fruit.

Touching the experience of W. S. Wheeler, with deep breaking and broadcast manuring, I have to say that his failure was surely not due to the breaking and manuring. I have followed practically the same method several times with excellent results. The best cotton that I have this year grew on land that was deeply broken last fall with a disc plow and manured broadcast with 200 pounds cotton seed meal and 300 pounds acid phosphate per acre. About 150 pounds per acre of the same mixture was applied with the seed.

I suspect that Mr. Wheeler's failure is due to some insect or to some disease that destroyed the young squares. In 1895 a large part of the cotton on this farm and in this neighborhood failed to set squares. They would fall off when first formed, whether they were punctured by some insect or were affected by some disease, we could not tell. Next year they were again affected similarly. This year an eight-acre field has failed to fruit. The little squares could in some instances be found dead on the stalk or on the ground. A neighbor asked me to look at his cotton and tell him why it did not fruit. It looked very much like mine on the eight-acre field. I could not tell him because I did not know. This trouble happens on various types of land, and seems not to depend on how the land has been manured or prepared. I have examined many stalks to find out what insect, if any, was doing the mischief. Several small insects of different kinds were sometimes found on a stalk, but I could not determine whether any one of them were doing harm. Of late years I am always fearful that my cotton is not going to fruit.—A. C. Jackson, in Southern Cultivator.

Look to the Expense.

If there ever was a time when the farmer should own his own crop, free from mortgages and liens, it is now. If we own the next crop we can set the price and get it. But if we rush into debt to make a large crop, because the price is now high, we will be forced to market it at prices set by others. And that price may be below the cost of raising the cotton.

We are greatly interested in this point, because the future prosperity of the Southern farmer is at stake, and the temptation to plant largely of cotton is very strong.

To plant largely of cotton means, buy more mules, contract for more

labor, go in debt for more fertilizers and supplies. It means to cut down the crops of food. All of these and other incidental expenses will bring us under heavy obligations and to meet these we must sell these upon a glutted market, and that means a lower price.

There never was a time when it was so important to plant large crops of food plants and raise full supplies of farm animals. If the next crop is raised on a cash basis, and is ours when gathered, the result will make us better off than we have ever been. We will have more money and be in better shape to use it than we have ever been.

Look closely to your expenses this year. As far as possible have something to sell coming in all along, to pay your way. Plant vegetables and fruit, hay and grain, peas and potatoes. Raise hogs and chickens, eggs and butter, sell enough of these to buy what you must have. Do this, and the new year will be one of great prosperity to you. Don't think that you can afford to make yourself an exception.

Where Beef Feeding is New.

The beef feeding industry being a new one in the South, these matters have not been studied as closely as they will be in the future. On the Tennessee station farm the present year, the gains from silage, cotton-seed meal, and corn and cob meal approximated very closely those that can be made on a good blue grass pasture, and the carrying capacity of Bermuda grass has also been shown to be considerably in advance of the blue grass sod. As a cost of making a pound of gain, and the consumption of concentrates required therefore, have been very low, there is every reason to believe that beef cattle on the cheap lands of the South, with the abundance of food crops that may be utilized, can be produced for less than almost anywhere else in the country.

The Southern farmer has every reason to be encouraged in the production of pork. His natural advantages are such that he can produce pork very cheaply indeed through the medium of grazing crops which can be so grown as to produce a succession throughout the whole year. By putting down winter cereal crops in the early autumn, say about the first of September, he can secure a good deal of grazing through January and February, and certainly all that he needs through March, April and May. Spring sown rape, seeded about the first of March, will be available through June, and by that time such early varieties of the cowpeas as the New Era and Warren's Extra Early can be had for July and August pastures. Soy beans will then be available for September and October, and after that peanuts and artichokes.—Southern Cultivator

Peach Trees in Fence Corners.

All observers know how hardy the tree and how sound and good the peaches are when an isolated tree in a fence corner, here and there, is left to itself. The reasons are obvious. A fence row, particularly an old one, enriches the ground by shading and keeping down the growth of grass and weeds. Under the lower rails the ground lies fallow. It is black and rich, sweet smelling and friable. Trees in the fence corners naturally spread their roots under this mellow strata. They feed on it the year round. Then on each side of a fence the ground is generally trodden or walked over out some little distance from the tree's foothold, consequently aercule is destroyed. They have a poor chance to deposit their larvae in the soil, as it is trodden and hard. The trunk of the tree is protected from the burning sun of summer, and the intense cold of winter by the fence.

Peach trees in fence corners do better than the crops they may happen to shade. Their roots also rob the ground in a small degree, to the detriment of the crops. An overhanging peach tree loaded with Elbertas, Clings, Annie Wylies, or any of their equally leucous cogeners, is a temptation very few way-farers can withstand. No better fruit ever refreshed the plate.—Old Fogey, in the Southern Fruit Grower.

An Australian Aqueduct.

In order to supply the Coolgardie and Kalgoorlie gold fields in Western Australia with water, an aqueduct is under construction, leading from a reservoir on the Helena River, 328 miles distant, and 1,700 feet below the level of the district to be supplied. The water is to be carried in a thirty-inch pipe, and elevated from tableland to tableland by means of eight pumping stations. The cost of the work is estimated at \$15,000,000, and the annual expense for operating and interest at \$1,750,000; but those who have undertaken it believe that the gold fields, for the benefit of which they are working, are the richest in the world.

News of a General Nature.

Washington, Special.—Plans have been completed for the \$12,000 rifle range on the naval reservation at Pensacola, Fla. It is hoped by the authorities to have this 600-yard range sufficiently advanced in construction for the use in March of the naval vessels of the North and South Atlantic fleets, and the European squadron when those vessels are in Pensacola harbor for target practice.

Minor Mention.

Joplin, Mo., Special.—In an exchange of shots with two masked men who had rifled the depot safe of William H. Broadstreet, the station agent on the Frisco system at Granby, near here, was fatally wounded. The men escaped. Bloodhounds have been sent to the scene from Joplin.

It has been settled that Mrs. Russell will not be appointed to the Wilmington, N. C., postoffice.

A Moneyless Monarch.

The credit of Serbia in Europe stands at the present moment at the lowest ebb. Wherever King Peter turns to obtain money with which to establish the stability of his throne he is unable to obtain it.

Driven to desperation, a representative of the Servian Government called at the branch office in Vienna of the Gresham Life Insurance Company with a view to obtaining a loan on the security of the king's life. His efforts, however, were unsuccessful.

The unfortunate representative of the discredited monarch had made the rounds not only of all the banks in Vienna, but also the private millionaire money lenders, in a vain endeavor to obtain a loan, and the failure of his last effort to obtain \$400,000 on the frail pledge of the king's life was the last straw.

It will be remembered that King Peter sent Prince Arsene to Paris, hoping that his influence would obtain for him monetary aid; but the banks refused to accede to his request, and he was obliged to appeal without success, to some well-known millionaires.

THE GENDER OF ARKANSAS.

Small Boy Claimed It Was Female, and Proved It.

"The life of a school teacher would be sorely monotonous," said a teacher of a boy's school not a hundred miles from the City Hall, "if it were not for his sense of humor and the really funny things which happen every day in the school room. One day, for instance, I had up my smart class in grammar and set the boys parsing. I called to Moses, a colored boy, to parse Arkansas, and he said 'Arkansas,' with emphasis on the second syllable. I corrected his pronunciation, and he went on:

"Hark-en-saw is a noun, objective case, indicative mood, comparative degree, third person, passive, and nominative case to scissors."

"You haven't said what gender, Moses," I remarked.

"Feminine gender," quickly remarked my smart scholar.

"Why, sir?" I asked, somewhat puzzled.

"Becos it's got Missouri on the north, Louisiana Anna on the south, Mrs. Sippi on the east, and ever so many more shemales on the west."

"It was so well done I joined in and encouraged the laugh which followed the smart boy's humor."—New York Press.

Music Taught by 'Phone.

A pupil of a Utica cornet player, who lived many miles from that city, broke his leg and was unable to leave his home. The teacher determined that he would give his pupil in town his usual lessons and proceeded to transmit his musical instruction over the telephone. The experiment worked most satisfactorily, the notes of the cornets of both instructor and pupil were heard distinctly at the receiving end, and whatever verbal suggestions the professor had to make were sent, of course, just as readily over the wire.

Lobsters cannot be persuaded to grow up together peaceably. If a dozen newly hatched specimens are put into an aquarium within a few days there will be only one—a large, fat and promising youngster. He has eaten all the rest.

A WOMAN'S MISERY.

Mrs. John LaRue, of 115 Paterson Avenue, Paterson, N. J., says: "I was troubled for about nine years, and what I suffered no one will ever know. I used about every known remedy that is said to be good for kidney complaint, but without deriving permanent relief. Often when alone in the house the back ache has been so bad that it brought tears to my eyes. The pain at times was so intense that I was compelled to give up my household duties and lie down. There were headaches, dizziness and blood rushing to my head to cause bleeding at the nose. The first box of Doan's Kidney Pills benefited me so much that I continued the treatment. The stinging pain in the small of my back, the rushes of blood to the head and other symptoms disappeared."

Doan's Kidney Pills for sale by all dealers. 50 cents per box. Foster-Milburn Co., Buffalo, N. Y.

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For \$1.65 Money Order. The John A. Salzer Seed Co., La Crosse, Wis., mail postpaid 15 trees, consisting of Apples, Apricots, Cabbages, Cherries, Plums, Peaches and Pears, just the thing for a city or country garden, including the great Big-Red Apple, all hardy Wisconsin stock, are sent you free upon receipt of \$1.65.

AND FOR 10c AND THIS NOTICE you get sufficient seed of Celery, Carrot, Cabbage, Onion, Lettuce, Radish and Flower Seeds to furnish bushels of choice flowers and lots of vegetables for a big family, together with our great plant and seed catalogues. [A.C.L.]

The patience of those who sit down and wait for a dead man's shoes is not a virtue.

Engineering in Montana. Henry I. McDonald, ex-City Engineer of Atlanta, now in charge of Government engineering in Montana, says that he contracted a terrible cough which no physician could relieve, but was cured by Taylor's Cherokee Remedy of Sweet Gum and Mullein.

At druggists, 25c, 50c, and \$1.00 a bottle.

CAUGHT BY THE GRIP. RELEASED BY PE-RU-NA.



"The world of medicine recognizes Grip as epidemic catarrh."—Medical Talk.

LA GRIPPE is epidemic catarrh. It spares no class or nationality. The cultured and the ignorant, the aristocrat and the pauper, the masses and the classes are alike subject to the grippe. None are exempt—all are liable.

Have you the grip? Or, rather, has the grip got you? Grip is well named. The original French term, la grippe, has been shortened by the busy American to read "grip." Without intending to do so a new word has been coined that exactly describes the case. As if some hideous giant with awful Grip had clutched us in its fatal clasp. Men, women, children, whole towns and cities are caught in the baneful grip of a terrible monster.

The following letters speak for themselves as to the efficacy of Peruna in cases of la grippe or its after effects.

After Effects of La Grippe Eradicated by Pe-Ru-NA.

Mrs. Fred Weinberger, Westerlo, Albany County, N. Y., writes:

"Several years ago I had an attack of la

grippe which left my nerves in a prostrate condition. Then I had another attack of la grippe which left me worse. I had tried three good physicians, but all in vain. I gave Peruna a trial. In a short time I was feeling better, and now I am as well as any one."—Mrs. Fred Weinberger.

Hon. James R. Gull, of Omaha.

Hon. James R. Gull is one of the oldest and most esteemed men of Omaha, Neb. He has done much to make it what it is, serving on public boards a number of times. He endorses Peruna in the following words:

"I am 68 years old, am hale and hearty, and Peruna has helped me attain it. Two years ago I had la grippe—my life was spared. Peruna saved me."—J. R. Gull.

A Relative of Abraham Lincoln.

Mr. Silas S. Lincoln, who resides at 913 I Street, N. W., Washington, D. C., has the honor of being third cousin to Abraham Lincoln. He writes:

"I had la grippe five times before using your medicine. Four years ago I began the use of Peruna, since which time I have not been troubled with that disease, and can now do as much work as my desk or ever could in my life. I have gained more than ten pounds in weight."—S. S. Lincoln.

Pe-Ru-na Not Only Cured La Grippe But Benefitted the Whole System.

Miss Alice M. Dressler, 1313 N. Bryant Ave., Minneapolis, Minn., writes:

"Last spring I suffered from la grippe and was partially cured, but the bad after-effects remained through the summer, and somehow I did not get strong as I was before. One of my college friends who was visiting me asked me to try Peruna and I did so, and found it all and more than I had expected. It not only cured me of the catarrh, but restored me to perfect health, built up the entire system and brought a happy feeling of buoyancy which I had not known for years."—Alice M. Dressler.

An Actress' Testimonial.

Miss Jean Cowgill, Griswold Opera House, Troy, N. Y., is the leading lady with the Aubrey Stock Co. She writes the following:

"During the past winter of 1901 I suffered for several weeks from a severe attack of grippe, which left a serious catarrhal condition of the throat and head. Some one suggested Peruna. As a last resort, after wasting much time and money on physicians, I tried the remedy faithfully, and in a few weeks was as well as ever."—Jean Cowgill.

A Southern Judge Cured.

Judge Horatio J. Goss, Hartwell, Ga., writes:

"Some five or six years ago I had a very severe spell of grippe, which left me with systemic catarrh. A friend advised me to try your Peruna, which I did, and was immediately benefited and cured. The third bottle completed the cure."—H. J. Goss.

If you do not derive prompt and satisfactory results from the use of Peruna, write at once to Dr. Hartman, giving a full statement of your case, and he will be pleased to give you his valuable advice gratis.

Address Dr. Hartman, President of The Hartman Sanitarium, Columbus, Ohio.

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A Few Sworn to Yields. Salzer's Barlees Barley, 121 bu. per A. Salzer's Homestead Corn, 394 bu. per A. Salzer's Big Year Oats, 250 bu. per A. Salzer's New National Oats, 300 bu. per A. Salzer's Potatoes, 234 bu. per A. Salzer's Onions, 1,000 bu. per A.

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