

Modern Farm Methods As Applied in the South.

Notes of Interest to Planter, Fruit Grower and Stockman

Cheat is Not Poisonous.

Some correspondents are asking about cheat. One wants to know if it is a distinct species or a hybrid; another asks if it is poisonous and adds that sometimes oats sowed in the fall turn to cheat.

The plant commonly known as cheat in the South is *Bromus secalinus*. It is certainly not poisonous, but makes very fair hay when cut young. There is in some sections another grass that is called cheat; it is a species of rye grass, *Lolium temulentum*, or *Darnel*. This has long had the reputation for being poisonous. But it is easily distinguished from the common cheat, as it has a stiff, erect and prickly head, while the common cheat has a branching, nodding head like oats.

People get cheat in their oats from sowing foul seed, for the seed of the cheat is very much like a small grain of oat, and people not acquainted with the different plants would take it for oats. Get your land free from cheat and then sow clean oats and you will never have any cheat. You had as well try to grow a pine tree from an acorn as to grow cheat from clean oat seed, though there are people who imagine that the cheat is the result of the oats turning to a different plant. I have known college graduates to have this superstition, because they had never been taught the life of plants. You say: "You know that sometimes oats sown in the fall turn to cheat." I do not know anything of the sort, but do know that if you sow cheat seed with your oats you will have cheat, even if the winter kills the oats; for the cheat is hardy and one knowing nothing about plant life, and seeing green leaves there, imagines he has oats till they head all cheat, and he then imagines that the oats have turned to cheat when they were cheat all the while from the time the seed sprouted.

If you had sent samples of the Virginia oats you sowed last fall to the experiment station they could have told you that there were cheat seed in them. In Maryland a week ago I saw a field of winter oats that were half cheat, but the farmer who had them was an intelligent student of his profession. He did not imagine that the oats had turned to cheat, but he knew that the seedman in Baltimore had sold him foul seed. "Whatever a man sows that shall be also reap." If there are no cheat seed in your soil, and you sow none with your oats, you will never see a cheat seed in the crop.—W. F. Massey.

Alsike For Moist Lands.

I want to grow some hay. My land, or the most of it, is low and inclined to be buckshot. Will alfalfa or red clover grow on such land? Bermuda grows fine on my place. There is no hay grown in this neighborhood, and I would like to start in the hay business.—W. H. Harris.

Answer: At the best, only temporary success could be had with alfalfa or red clover on poorly drained land. Since Bermuda is thriving on this farm it had better be relied on for one of the main hay plants. Of course it is wise to use a clover or alfalfa instead of a grass for hay when conditions are favorable to good returns from the clover or alfalfa, since it will help to improve the soil. There is a clover that can be used on wet soil for hay or pasture—alsike clover. It will even stand submergence for a time, while it will also grow on uplands. Till tests in the vicinity show that alsike will thrive, however, it is advisable to plant only limited areas till results point to the future policy. It will not make as large a yield as red clover where red clover is a success, but the alsike is more likely to thrive. Its habit is more recumbent, and before cutting it will not seem that there is as much hay on the ground as there really is. Alsike may be grown alone, but a mixture of hay plants will give a larger yield.

On the moist land as described the following mixture can be tried with strong hopes of success: Four pounds of alsike clover, five pounds of tall fescue (called also tall meadow fescue, English blue grass, Randall grass and by other names), four pounds of red top and five pounds of orchard grass seed. This mixture will give good grazing as early as February, in addition to the hay it will yield. By having grass growing with the alsike clover, the clover will not make eruptions on the skins of horses and mules that graze it, which would sometimes happen if grass was not eaten with the clover. Hay buyers in a community may have a decided preference for the hay of some particular plant, and in seeding a meadow it is best to plant whatever will satisfy this preference, however unreasonable it may

Proverbs and Phrases.
Flee pleasures, and pleasures will follow thee.—French.
Fools must be taught by experience.—Livy.
God never sendeth mouth but He sendeth meat.—German.
There is no use in regretting the past. At the same time it is wise to say that sometimes it shows desirable qualities of mind and heart to do so.

Humor and Philosophy.
Never encourage scandal. It has a way of getting on without encouragement, and so you will win a reputation for reticence that will naturally cause you to be intrusted with the choicest bits.
The trouble about being good friends with a doctor is you never can tell when he is looking you over with a professional eye and appraising your pocketbook.

Good Roads.

Important as Schools.

One of the most important movements which has been started in Georgia in a long time is that in the interest of good roads and it is earnestly hoped that the efforts which are now being made to that end will bear abundant fruit.

The chamber of commerce will endeavor to secure a good road congress, and asks the co-operation of the Governor and the city and county authorities.

It is no exaggeration to say that good roads are as important in many respects as a public school system. They contribute in a practical way to the upbuilding of the whole State. They knit the State into neighborhoods and bring every farm house into closer proximity to the markets. They stimulate and encourage social and business inter-communication. Many times over they pay the cost of their construction by increasing the taxable value of the lands through which they run and hence the tax revenue of the various counties.

Mr. Walter G. Cooper, secretary of the chamber of commerce, has made a statement of the economic value of good roads which is little less than startling to those who are not familiar with the facts. He shows that a system of good roads in Georgia would mean a saving of ten millions of dollars a year to the people of the State. The cost of hauling by rail in the United States is about three-fourths of a cent per ton mile; hauling on the average country road costs about twenty-five cents, while hauling on sandy roads in dry weather costs about sixty cents per ton mile.

It requires no very elaborate mathematical calculation to see how great a burden it is upon the people who have to pay this heavy cost of road transportation, when it would be an easy matter to reduce that cost to one-third or one-fourth the present expense.

The cost on the average country roads of Europe and the best roads in this country, like the road from here to Roswell, for instance, is only about eight cents per ton mile, as compared, we have seen, with twenty-five cents on the average road.

It now costs about fifteen million dollars a year to do the hauling on the country roads of the State, and twenty-five millions to pay the freight bills of the railways of Georgia, although the wagons haul only five million tons, as against twenty million tons hauled by the railroads.

It is evident at a glance that three-fourths of the burdens which the people of Georgia now have to bear for transportation could be abolished by a system of good roads, and when that saving was effected the benefits would have only begun. The good results would be felt in every channel of our social and business life.

This road building can be accomplished at a comparatively small cost. While it is true that a macadam road, thirty feet wide, would cost five thousand dollars a mile, a sand-clay road, such as may be built throughout the greater part of Georgia, could be constructed for about one hundred and fifty dollars a mile, and would stand well in all weather with the average traffic. This is a condition which applies to at least half the area of the State of Georgia.

Let the people of Georgia pause and consider what it would mean to be able to save ten million dollars a year on transportation charges. The number of things we could do with that money fairly kindles the imagination. And yet, as we have said, this saving in transportation is but one of the many benefits to be derived from a good roads system.—Atlanta Journal.

Autos Damage Roads.

A large road building firm in St. Joseph County complains of the damage done to the country roads, in this fashion:

"The invasion of heavy, high-speed automobiles in ever-increasing numbers has played havoc with the highways. The old gravel roads built up by the township trustee with the aid of farmers of the district will not last a season. The material best suited, according to experiments, is a crushed stone with a binder, but so far all binders are too expensive to be practical. The crushed stone is irregular in shape and does not roll but interlocks. Even brick will not withstand the attacks of the automobile."

We do not see any better way out of the difficulty than the one we suggested not long ago, to require the auto people to build their own roads and keep them in repair, by a special tax on the machines. Let them have a space of, say twelve feet on one side or both of the roadway, to improve with whatever material may be found best suited to the purpose, and leave the remainder for the exclusive use of teams.—Indiana Farmer.

Hauling Crops.

Inquiries conducted in over 1000 counties of the United States by the Department of Agriculture indicate that the average length of haul of crops over country roads is 12.1 miles, the average weight of the load 2002 pounds and the average cost per mile 25.2 cents, or about \$3 per load, the figures being based on cost of labor, feed, wear, etc.

No Smoking For Children.

The Board of Education has ordered the prohibition of smoking by young persons under seventeen years of age.—The Shanghai Mercury.

Words of Wisdom.

Envy sets the stronger seal on desert.—Ben Jonson.

All men were born free of incumbrances and equal to any amount of foolishness.

The man who makes a great deal of his failures doesn't make much of a success.

Each mother thinks she has the dearest baby in the world, and, as a matter of fact, none is cheap.

Odds and Ends.

Women don't have to swear to show how mad they are. There are other ways.

Some girls are so anxious to make names for themselves they misspell the front and then change the rear one.

Often the man who has the price of a good coat in his pocket doesn't care how shabby the pocket may be nor the coat it belongs to.

If the Standard Oil octopus were conversationally inclined it would be interesting to hear it discourse upon "Some Statesmen I Have Met."

The boy born with a silver spoon in its mouth doesn't cut its wisdom teeth any earlier than the kids who come without any baggage.

Some people are so proud of their humility that they are constantly committing indiscretions in order that they may gracefully apologize for them.

Beware of Ointments For Catarrh That Contain Mercury.

Mercury will surely destroy the sense of smell and completely derange the whole system when entering it through the mucous surfaces. Such articles should never be used except on prescriptions from reputable physicians, as the damage they will do is tenfold to the good you can possibly derive from them. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, O., contains no mercury, and is taken internally, acting directly upon the blood and mucous surfaces of the system. In buying Hall's Catarrh Cure be sure you get the genuine. It is taken internally and made in Toledo, Ohio, by F. J. Cheney & Co., Testimonials free. Sold by Druggists, price, 75c per bottle. Take Hall's Family Pills for constipation.

Humor and Philosophy.

There probably is a wrong side to everything—except maybe the right woman.

A new broom sweeps clean, but, alas, it stays a new broom such a little while.

Some women are such slaves to dress they are willing to work for their clothes.

Perhaps you can't help feeling envious, but at least you can help showing it and so making yourself obnoxious.

It is no direct evidence that you are going to have uninvited company because you have only scraps for dinner. Still, you would better have your weather eye out.

You can't always tell how much money a woman spends by merely knowing how much salary her husband draws, but taking it by and large it's a pretty safe guess.

Mrs. Winslow's Soothing Syrup for Children teething, softens the gums, reduces inflammation, allays pain, cures wind colic, 25c a bottle.

A diseased imagination can give a mortal anything.

Itched cured in 30 minutes by Woolford's Sanitary Lotion. Never fails. At druggists.

Every man must cut his own wisdom teeth.

Eczema Cured.

J. R. Maxwell, Atlanta, Ga., says: "I suffered agony with a severe case of eczema. Tried six different remedies and was in despair, when a neighbor told me to try Shuprine's Tetterine. After using \$3 worth of your Tetterine and soap I am completely cured. I cannot say too much in its praise." Tetterine at druggists or by mail 50c. Soap 25c. J. T. Shuprine, Dept. A, Savannah, Ga.

There may be women who are lame in imagination, but who ever heard of one that was crippled in the tongue.

Mix For Rheumatism.

The following is a never failing remedy for rheumatism, and if followed up it will effect a complete cure of the very worst cases: "Mix half pint of good whiskey with one ounce of Toris Compound and add one ounce syrup of Sarsaparilla Compound. Take in tablespoonful doses before each meal and at bedtime." The ingredients can be procured at any drug store and easily mixed at home.

The Atlantic Gulf and West Indies Steamship Lines has been incorporated in Boston, with a capital of \$40,000,000, to save the Morse wreck remnant.

Piles Cured in 6 to 14 Days.

Pain Ointment is guaranteed to cure any case of Itching, Bleeding or Protruding Piles in 6 to 14 days or money refunded, 50c.

When our distant relatives get rich they seem to grow still further removed.

Snap Shots.

Experiences purchased by suffering teaches wisdom.—Latin.

A soft answer permits you to fall an easy victim to the shrewd agent.

A handful of might is better than a sackful of right.—German.

When will is right, law is banished.—Danish.

Industry is the parent to success, and the success belongs to the man who wins the industry.

INVALID'S SAD PLIGHT.

After Inflammatory Rheumatism, Hair Came Out, Skin Peeled, and Bed Sores Developed—Only Cuticura Proved Successful.

"About four years ago I had a very severe attack of inflammatory rheumatism. My skin peeled, and the high fever played havoc with my hair, which came out in bunches. I also had three large bed sores on my back. I did not gain very rapidly, and my appetite was very poor. I tried many 'sure cures' but they were of little help, and until I tried Cuticura Resolvent I had had no real relief. Then my complexion cleared and soon I felt better. The bed sores went very soon after a few applications of Cuticura Ointment, and when I used Cuticura Soap and Ointment for my hair, it began to regain its former glossy appearance. Mrs. Lavina J. Henderson, 189 Broad St., Stamford, Conn., March 6 and 12, 1907." Our leading physician recommends Cuticura for eczema. Mrs. Alice Cockburn, Shiloh, O., June 11, 1907.

Bright Sayings.

A sharper is a keen man with a dull conscience.

If everybody knew when he was well off, this would be a better educated world.

HAD ECZEMA 15 YEARS.

Mrs. Thomas Thompson, of Clarksville, Ga., writes, under date of April 23, 1907: "I suffered 15 years with tormenting eczema; had the best doctors to prescribe, but nothing did me any good until I got Tetterine. It cured me. I am so thankful." Thousands of others can testify to similar cures. Tetterine is sold by druggists or sent by mail for 50c. by J. T. Shuprine, Dept. A, Savannah, Ga.

By going gains the will, and not by standing still.—Spanish.

Only One "Bromo Quinine"

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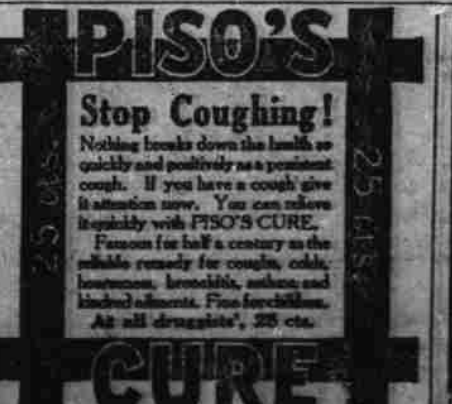
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