

**DISEASES OF COTTON.**

The Many Kinds of Hils to which it is Subject and Some Remedies for Them.

**Black Rust.**—The United States Department of Agriculture is investigating this trouble. Mr. McCarthy of North Carolina, Raleigh, says: "Black-rust of cotton is becoming worse in the cotton field of North Carolina. The black-rust is a fungus disease. The fungus attacks the stem and leaves of the plant. The ammoniacal carbonate of copper is the best remedy to spray upon the infected plants. This is made by dissolving 6 ounces of the copper carbonate in 3 pints of ammonia and adding the solution to 50 gallons of water. This may be sprayed on the plants by use of the garden sprayers in use. Annual selection of healthy seed and rotation of crops is the best remedy for the black-rust."

**SORE-SHINS OR ROOT-ROT.** This is a disease which causes the young and tender plants to rot off at the surface of the soil, the plants either rot off partially or entirely. It is characterized by a reddish brown color which appears on one side of the stem in a dark ulcer, which deepens until the vascular system of the plant is endangered. From the writer's own personal observation of this disease the plant may, and does recover. This disease is called by the farmers "sore shins." It is caused by a cut with the hoe used in cultivation.

**COTTON-BOLL ROT.** This disease affects the tip crop in August and September. And as far as the crop of Gaston County, North Carolina, is concerned it does no damage whatever. The summarized statements contained in this article are intended for the general readers. This investigation of the disease those far attempted is the most extensive we have ever submitted to The Gazette.

**COTTON INSECTS.** The cotton caterpillar (Alita Argelacay) is familiar to all cotton growers as a green worm with red stripes down the sides and covered with spines or stings, for when the hand or arm comes in contact with the insect one is almost sure to be stung. The cotton boll worm (Heliothis Armiger) in addition to devastating the cotton plant, feeds upon tomatoes, tobacco, pumpkins, squash, beans, and peas. Remedies and insect history were published in this column last fall, and as we have adopted the rule not to publish the same article twice, we omit.

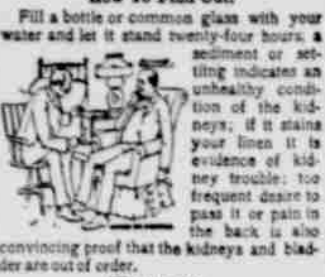
**COTTON BOLL WEAVIL (Athous grandis).** This is a small grayish weevil, the shape of our common corn, wheat, pea, and bean weevil, and measures a fraction less than a quarter of an inch in length. It has not reached North Carolina yet on its east bound migratory trip. It started on this trip in Mexico in 1902 and in 1903 had reached Louisiana. It penetrates the boll, injects the egg which develops into a small white worm. The bolls do not drop but all infested do not fruit, hence there is a loss of the fibre. No remedies will be suggested in these columns until the insect reaches the "Old North State" on its travels.

**Why Do Corn Leaves Curl in Dry Weather?** We should like to know how many of the younger generation of farmers could explain what causes blades of corn to curl or roll in times of great heat or drought? Of course, the old farmers either know or they are satisfied to say it's the "hot dry weather," or else they are anxious as the youngsters to learn the reason for such common every-day affairs. For those who are not satisfied to merely say "it is the dry weather," but belong to that inquisitive class of beings who go poking their noses into dark corners with that insatiable curiosity to "find out about" things, we will say that all plants breathe as well as perspire. All green plants these having chlorophyll cells breathe through little mouths on the under side of the leaf. These little mouths, which are also sweat pores, are called "stomata." The difference in plant and animal breath is that animals take oxygen out of the air and use it in purifying the blood and mixing it with the carbon which it gets in fatty or starchy food, and this mixture produces animal heat. This process is identical with that of a stack of wood burning in a stove. The wood is all carbon except the ashes, and when the stove draft is opened air rushes in and the oxygen part of the air unites with the carbon at a certain temperature and heat is the result. As the animal takes oxygen from the air it exhales or breathes out what is called carbon dioxide, or carbonic acid gas. This is fatal to animals, but plants live on it. Every green plant takes this carbon dioxide through the stomata of its leaves and appropriates the carbon from it. This carbon goes to make starch fibre and fat in the plant. Thus the circle is closed.

**Who Will be Next? Mayor of Monroe!**  
Read through this advertisement and then see if you can't spot him. A mayor is the representative of a town, just as our goods in quantity and in quality is the representative of best goods and lowest prices in this city. We will quote you the very lowest prices from now till the 10th day of May next. We will offer you especially good bargains on Flour, Meat, Sugar, Molasses, Coffee, Mill Stuff, Corn, etc. etc. There are letters in the above ad. that will spell the next mayor's name. Come to our store and we will explain. Yours,

**Hill & Bivens.**

**Thousands Have Kidney Trouble and Don't Know It.**



**How To Find Out.**  
Fill a bottle or common glass with your water and let it stand twenty-four hours. A sediment or settling indicates an unhealthy condition of the kidneys; if it stains your linen it is evidence of kidney trouble; too frequent desire to pass it or pain in the back is also convincing proof that the kidneys and bladder are out of order.

**What To Do.**  
There is comfort in the knowledge so often expressed, that Dr. Kilmer's Swamp-Root, the great kidney remedy, finds every man in curing rheumatism, pain in the back, kidney, liver, bladder and every part of the urinary passage. It corrects inactivity, holds water and keeps pain in passing it, or bad effects following use of liquor, wine or beer; and overcomes that unpleasant necessity of being compelled to go often during the day, and to get up many times during the night. The mild and extraordinary effect of Swamp-Root is soon realized. It stands the highest for its wonderful cures of the most distressing cases. If you need a medicine you should see to it. Sold by druggists in 50c. and \$1. sizes. You may have a sample bottle of this wonderful discovery and a book that tells more about it, both sent absolutely free by mail, address Dr. Kilmer & Co., One of Swamp-Root Co., Binghamton, N. Y. When writing mention reading this generous offer in this paper.

**Don't make any mistake,** but remember the name, Swamp-Root, Dr. Kilmer's Swamp-Root, and the address, Binghamton, N. Y., on every bottle.

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**Two Farmers Killed by a Train.**  
The east bound passenger train on the Southern road, No. 146, derailed at 3:15 o'clock, but running behind time this afternoon, ran into a wagon at the forty-seventh mile post, seven miles west of Durham, instantly killing W. A. Cooper and R. L. Bowland, two well known and well-to-do farmers living in Caswell county.

**Tax Notice.**  
I am instructed by the Board of City Aldermen to collect city taxes and if you are in arrears on the 1st day of April your property will be advertised to be sold on the 1st Monday in May. This applies to everybody, and there are to be no exceptions. The taxes must be collected. Settle now and save costs and humiliation as instructions to me are positive and there will be no deviation from this order.  
W. L. HOWIE,  
City Tax Collector

**THE FAISON-WINCHESTER CO. Paint and Repair shop.**  
We have the only first class paint and repair shop in Union county. We have an expert workman in each line of our business. Our painter is conceded to be one of the best in the South.  
We have a first-class blacksmith and horse shoer. We make, repair and paint everything in the buggy, wagon and furniture line. We do all kinds of iron and steel work. When it comes to Horse Shoeing, we are the people who do the work and do it right. Shop on Haynes street, near Sikes' Stables.  
All work guaranteed. Prices right.  
J. BEN FAISON, Mgr.

**Stock Horse!**  
The Stewart Horse, from Cleveland Bay sire and Speculator, will be at my stables (old Ogburn stables) in Monroe for this season. This is a splendid combination horse.  
J. C. WILLIAMS,  
Phone 94. Monroe, N. C.

**Farmers' Club.**

The Elizabeth City Economist contains a notice of the meeting of the "Pasquotank Farmers' Club." It says it will be a most interesting meeting and that farmers in large numbers are expected to attend. There will be a dinner served on the court-house square. The farmers of the county, we are told, are taking great interest in the meeting of this club. Why do not the farmers in every county in the State form such clubs? They would find both profit and pleasure in them. The discussion of matters pertaining to their calling and the exchange of views on methods of farming and the introduction of new ideas could not but be of advantage to them while the social side of the gatherings would be of vast interest and improvement. One great drawback to farming in this State is the isolation of the families of the farmer and the absence of social intercourse. This makes the lives of the wives and daughters of the farmers especially dreary and monotonous. This unfortunate and disagreeable phase of their lives could be greatly relieved were the men with their families to make a habit of meeting periodically in social intercourse. It would brighten the lives of these women and relieve them of a great deal of the monotony of farm life.

The statistics of the State show that the large percentage of our income from the farms are women, and it is accounted for by the monotonous lives many lead, nothing but drudgery, the same routine work day after day, with nothing to take the mind out of the one channel of the everlasting daily routine of work; nothing to divert the mind, to diversity till finally the power to take interest in any thing beyond household duties to enjoy any diversion is lost, and the next stage is melancholia and insanity. What a relief to these women would be gatherings when farmer's wife would meet farmer's wife for a day of mental as well as physical recreation, the cares of house work thrown aside for awhile. If the husbands and fathers would look at this in the right way they would form these clubs. Once begun, the custom would never be abandoned for the good result would soon be seen and appreciated.

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**CASTORIA**  
For Infants and Children.  
The Kind You Have Always Bought Bears the Signature of  
In Use For Over Thirty Years  
CASTORIA

**REAL ESTATE OWNERS**  
who have land to sell should list it with us and thereby have it advertised in the newspapers free of cost.  
Buying and selling land is our business and we can handle property which you may have been unsuccessful with yourself. We will also collect rents and buy mortgages and judgments on land. Several farms, temporary tracts and town lots on hand for sale on easy terms. Quit paying rents and buy a home with rent money. Will buy for ourselves any real estate in the county, if for sale at a bargain.

**Union Real Estate Co.**  
Office: Armfield & Williams. E. C. WILLIAMS, Manager.

**ASHCRAFT'S Eureka Liniment.**  
This Liniment will remove spavin, splint, ringbones, and all cartilaginous growths when applied in the earlier stages of the disease. One of the most common lamenesses, however, among horses and mules is sprain of the back tendon, caused by overloading and hard driving. Ashcraft's Eureka Liniment is a never-failing remedy. The Liniment is also extensively used for chronic rheumatism, and stiff joints of all kinds.  
For chronic scratches Ashcraft's Eureka Liniment is without an equal. Three or four applications will cure this disease in its worst form.  
Owing to the wonderful antiseptic qualities, the Eureka Liniment should be used in the treatment of all tumors and sores where pond flesh is present. It is both healing and cleansing, entirely destroying all parasites and putrefaction.  
Users of Ashcraft's Eureka Liniment must remember it should not be used on feverish parts as it acts as a counter-irritant and stimulant.  
Price 50c. bottle. Sold by

**The English Drug Company.**

**Notice of Administration.**

Having this day duly qualified before the Clerk of the Superior Court of Union county, N. C., as administrator of John E. Morgan, deceased, all persons holding claims against said estate are hereby notified to present the same to the undersigned administrator on or before the 15th day of March, 1904, or this notice will be pleaded in bar of their right of recovery.  
All persons indebted to said estate are notified to make prompt payment and save cost.  
This the 6th day of March, 1903.  
W. G. LONG, Adm.  
of John E. Morgan, deceased.  
Redwine & Stack, Attys.

**Get one of those handsome Belt Buckles for 25c., at W. J. Hodge Co.'s.**  
Will have some fine Russell Apples in today. John R. Simpson & Co.  
**Tobacco at Cost.**  
Big lot of ten-pound caddies of Tobacco from 27c. up, to close out cheaper than anybody. Liberty Bell, the best in town, buds Schnapps. J. R. Simpson & Co.  
A barrel of nice Cucumber pickles. S. S. Doster.  
A lot of Tennessee smoked hams and shoulders just arrived at J. R. Simpson & Co.'s.

**Your Residence**  
May not contain the latest style Furniture that you would like for both beauty and use, and, if not, it will pay you to examine our line of  
**China Closets, Side-boards, Extension Tables, Chairs, Suits and Single Pieces**  
of all kinds. We can make you prices on these goods that will interest you.  
**T. P. DILLON,**  
Furniture Dealer and Funeral Director.  
Store Phone 7; Residence Phone 84.

**Carolina Marble & Granite Co.,**  
INCORPORATED  
Special Designs in Marble and Granite Monuments, Tombstones, Monuments, Iron Fences, Etc.  
We have just received our first car of Marble, consisting of a real nice line of finished Monuments, Tablets, etc., and cordially invite anyone in need of work in our line to call around at our yard and we will take pleasure in quoting prices. It shall be our aim to do first-class work and at the very lowest prices.  
Remember we guarantee entire satisfaction and have come among you to stay, and all we ask is to be sure and see us before you buy.  
Respectfully,  
**J. E. EFIRD, Mgr., Monroe, N. C.**  
Yards at Statesville, Salisbury, North Wilkesboro, & Monroe, N. C.

**BATTLE AXE SHOES**  
AND OTHER LEADING BRANDS  
WET FEET  
make doctor bills; dry feet make happy, comfortable people and saves taking medicine. Lots of sick people around now because they have not bought our Hamilton-Brown,  
Battle Axe and Stone Crusher Shoes.  
This store is noted for good shoe values. Our shoes never fail to give good satisfaction. We have a lot of dry goods and notions that I will sell cheap. Men's Fine Sunday Shoes for 98c.  
No house in this town has a greater reputation for good shoe values than this store. We have a complete line of Dry Goods, etc.  
**J. Y. DOSTER,**  
AT WINCHESTER'S CORNER.

**Grove's Tasteless Chill Tonic**  
has stood the test 25 years. Average Annual Sales over One and a Half Million bottles. Does this record of merit appeal to you? No Cure, No Pay. 50c.  
Enclosed with every bottle is a Ten Cent package of Grove's Black Root Liver Pill.

**People's Bank**  
OF MONROE, N. C.  
Solicits your account and banking business. We guarantee ABSOLUTE SECURITY, promptness and all the accommodations that SOUND banking will admit of. Interest paid, according to agreement, on deposits left for our stated period. Always ready for loans on approved paper.  
O. F. HEATH, President.  
**M. L. FLOW,**  
Commissioner of Deeds for South Carolina, in North Carolina; also a Justice of the Peace for Union County, and Notary Public for North Carolina.

**S. A. STEVENS, M. D.**  
MONROE, N. C.  
Calls answered in day from English Drug Store; at night from room over English Drug Store, phone 98. Office over post office; phone 48.  
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Calls promptly answered in day from Houston's Drug Store; at night from residence on College Street. Office in Fitzgerald Building. Office hour 11 to 12 A. M. Phone 147.

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Prompt attention given to collections and general law practice.  
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