THE COTTON WORM.

EXPERIMENT STATION.

the cotton fields of the State a worm form. The Paris Green is mixed which rapidly destroys the leaves of with water and applied at the rate of the cotton plant. The dangers from one pound to the acre. As the poison the ravages of these worms are very does not disselve, the powder must great, and on account of this fact a be constantly stirred in the water to special bulletin of the Experiment keep it thoroughly mixed. In this Station is herewith issued in order to way it can cheaply be applied from a prevent, if possible, much loss due common watering pot by a man on a to these worms. Strict precautionary horse or mule. A hand force-pump measures must be taken at once and with a spray nozzle is very efficacious C used to destroy the worms before for this application. The addition they can have destroyed many leaves of five to ten pounds of flour to the and thereby endangered the develop- quantity of the water which is mixed ment of the boll.

known since 1793, when, it was so ture. destructive in this country. In 1804 worm, the former being an insect easily used are suggested. especially destructive to the cotton boll, the latter (army worm) being grasses especially.

describe, is also known as the cotton ordinary care be taken. used in these States with great ben- reliable. efit for their prevention. Fortunately we have been very free from them, gested herewith, or others, will please owing to our favorable northern lo- report results to the undersigned. cation in the cotton belt.

A few words as to its growth and habits may not be out of place. The eggs, which develop into the cotton worm or caterpillar, are laid by a tip to wing tip. It has four wings, the two forward ones being of a slight reddish brown color and tipped cured. I shall be glad to send two surface of the larger leaves on the upper portion of the cotton plant. They are deposited singly, but seldom more than four or five on a single leaf. They are, when first laid, of a beautiful green color, changing later on possibly almost a week. When hatched they are, of course, and about one-tenth of an inch in black dots on the body, its head being yellow. It has sixteen legs, and by a peculiar motion of the body arches itself similar to the common

REMEDIES. the ravages of this caterpillar have harmless and contains no Opium or heen advised. The plan of encour been advised. The plan of encouraging the natural enemies of the worm, and it has a great many, is Denote an impure state of the blood spoken of, but the efficacy of this is somewhat doubtful. It is suggested remove all impurities and leave the also that the eggs be destroyed, but this, however, may tend to kill the tender leaf. Collecting the worm by hand is also spoken of, but the labor involved is too great. The best plan undoubtedly that has yet been devised is the destruction of the Confirm our statement when we say caterpillar by poison. A variety of these poisons have been recommended, among which are London Purple, Gray Arsenic, Paris Green, &c., either applied in the wet or dried way. For ordinary purposes in this State the dry method is sufficiently and course statement when we say that Acker's English Remedy is nevery way superior to any and all other preparations for the Throat and Lungs. In Whooping Cough and Croup it is magic and relieves a once. We offer you a sample bottle free. Remember, this Remedy is sold on a positive guarantee at Fetzer's Drug Store. in this State the dry method is sufficient. Though rather slower than the method with water, the poison can be applied easily and successfully. Of most of the ordinary cient. Though rather slower than

mended on account of its simplicity and good effects:

(1.) Mr. Upchurch uses one pound of Paris Green with 100 pounds of either land plaster gypsum or lime those hate. These are thoroughly \$15.00 weekly indemnity for wholly (1.) Mr. Upchurch uses one pound mixed and applied by sprinkling on the leaves in the early morning before the dew is off. In this way a man ought to sprinkle 100 pounds of this mixture on an acre in a short time. At this time of day the powder adheres closely to the leaves; the caterpillar later on eating it, takes also a portion of the poison and soon drops to the ground. Of course it is desired to have the poison adhere For sale at FETZER'S DRUG STORE, and D D. JOHNSON'S DRUG STORE;

an addition of five or ten pounds of flour to the mixture would improve - September 6, 1889. the sticking qualities. The great The Farm. is the liability of their being washed off by a sudden shower. A larger addition of flour will prevent this. Measures to Prevent Its It may be that if the growth is very rank a larger quantity than 100 SPECIAL BULLETIN OF THE N. C. pounds would be required of the above mixture per acre.

(2). The least expensive method There is now appearing in some of to apply the poison is in the wet with the poison will increase the THE COTTON WORM has been adhesive quality as in the dry mix-

Special implements have been deand many successive years much vised and are now used, many imdamage was done by them. The provements have been suggested, but cotton worm must not confounded all of these have been omitted here with the boll worm or the army and only the commonest and most

Paris Green is a deadly poison, and generally found in the States north should be kept away from children of us, where it is extremely destruc- and from anything and anybody who tive to green crops, wheat and the would likely swallaw any of it intentionally or accidentally. There The cotton worm, such as we will is no danger in handling it provided

caterpillar, and this name is distinc- Paris Green may be purchased at tive enough for ordinary use. . It is Latta & Wyatt's, Raleigh, N. C., at found all through the cotton belt, twenty-five cents per pound, which though in the more southerly States is about the usual price, or at any its ravages are much more extensive than with us; so much so that in some sections it is always considered one of the cultivations of the cotton have found Thomas Woodason, 451 crop. Implements are made and E. Cambria street, Philadelphia, Pa.,

Any one using the remedies sug-H. B. BATTLE,

Director.

Consumption Surely Cured

To THE EDITOR-Please inform small moth about 11 inch from wing your readers that I have a positive with a wine color. This moth lays bottles of my remedy free to any of her eggs, varying from 400 to 600, which are deposited on the under with a wine color. This moth lays bottles of my remedy free to any of sons holding claims against the estate of your readers who have consumption if they will send me their express detected to said deceased to come forward debted to said deceased to come forward debte

Respectfully, T. A. SLOCUM, M. C., 181 Pearl st., New York.

A CHILD KILLED.

Another child killed by the use of to a dirty white before hatching, and are of a diameter of about onefortieth of an inch. The eggs hatch according to the seasons—on warm days two days after being laid, and Sold by P. B. Fetzer.

WE CAN AND DO very small, growing quickly to their Gurantee Ackers Blood Elixire for full length. At this time they are it has been fully demnostrated to the people of this country that it is about one and a-half inches in length superior to all other preparations for blood diseases. It is a positive and about one-tenth of an inch in cure for syphiltic poisoning, Ulcers, diameter. The worm is green with Eruptions ond Pimples. It purifies two stripes of black on the back and the whole system thoroughly builds up the constitution.

CAUTION TO MOTHERS. Every mother is cautioned against giving her child laudanum or pare goric; it creats an unnatural craving for stimulants which kills the mind of the child. Acker's Baby Soother Various remedies for preventing children and cure their pains. It is

PIMPLES ON THE FACE complexion smooth and clear. There is nothing that will so thoroughly build up the constitution, purify and strengthen the whole system. Sold and guaranteed by P. B. Fetzer.

PEOPLE EVERYWERE

poisons Paris Green is the best and most easily procured.

The farm of Mr. W. G. Upchurch, near Raleigh, was visited and the remedy adopted by him is recommended on account of its simplicity

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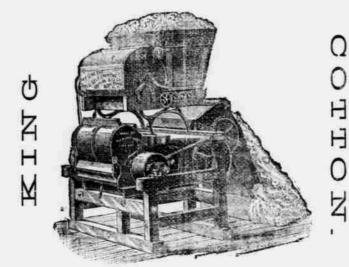
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Do Your Own Dyeing, at Home.
They will dye everything. They are sold everywhere. Price 10c. a package. They have no equal for Strength, Brightness, Amount in Packages or for Fastness of Color, or non-fading Qualities.
They do not crock or smut; 40 colors. For sale by

to the leaves, and for this purpose HERE WE ARE, NOW I

trouble with the use of dry poisons VAN WINKLE, PRATT AND HALL

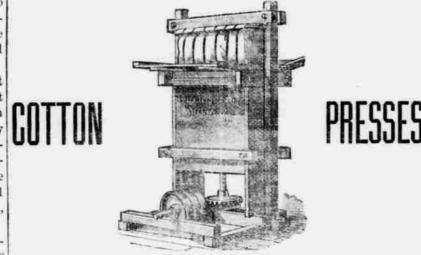


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Engines, Boilers, &c. Best Makes,

AT CLOSE MARGINS.

YORKE & WADSWORTH.

ju5-tloc

NOTICE Having qualified as executor of Joseph Isenhour, dec'd, I hereby notify all per

and settle. nd settle.

July 5th, 1889,

W. S. ISENHOUR, Executor of Joseph Isenhour, dec'd.



If you desire to purchase a sewing machine, ask our agent at your place for terms and prices. If you cannot find our agent, write direct to nearest address to you below named. NEW HOME SEWING MACHINE GURANCE MASS.

GHIGAGO - 28 UNION SQUARE, NX - DALLAS.

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PHYSICIAN AND SURGEON. My professional services are offered to the citizens of Concord and vicinity. Calls, day or night, are promptly attend- dress, Office next door to the old post-

A PHYSICIAN'S

afflict all classes of humanity, nothing in all ages has ever approached comparison to the ravages of BLOOD POISON that slow, insa of flesh and life. Alas! How often just such an affliction loves to affect a noble life with its poisonous taint. It strikes with destructive aim the most notable, sparing neither SCROFULA king nor statesmen.

Even unto the third generation are the sins of the father made manifest What a fearful heritage to bequeath an innocent child! Ah! the horrible ravages of this affliction To its activity is due sore throat SORES sore liver, sore kidneys, sore lungs,

sore skin, great ulcers, internal, ex ternal and eternal unless proper treatment is applied The best remedy is a prescription used extensively in private practice by an old Atlanta physician. It is now prepared a thousand gallons at a time, and is sold in large bottles as PIMPLES only one dollar per bottle It is called B. B. B. or Bo

anic Blood Balm. Under its peculiar influence the od poison first becomes passive, then divided and lastly is exuded through the liver, through the kidneys, and through the pores of the skin. It is clearly the duty of every one who suspect the least trace of syphilitic or scrofulous polson in their blood, whether recently from contagion or from

inheritance, to get it out of their system thoroughly PAIN by the use of this great remedy se that pimples, sores, aches, pains, weak kidneys and other symptoms will not be transmit ted to innocent posterity. Demand it of your druggist and take no substi ute. Testimonials from those who have used i

may be found in the illustrated "Book of Wonders' sent free to any address by the Blood Balm Co.

### Non-Resident Notice.

NORTH CAROLINA, CARARRUS COUNTY. SUPERIOR COURT Jane Wilkes, trading under name firm of Mecklenburg Iron Works, Plaintiff,

W. C. Culp and M. Oglesby, trading under firm name of Culp and Oglesby, Defendants.

Culp and Oglesby, Defendants. It appearing to the satisfaction of the court from the return of William Propst, sheriff of Cabarrus county, N. C., and from the affidavit of Paul B Means, filed in the above-entitled action, that W. C. CULP is a non-resident of this State, and after due diligence cannot be found within the State of North Carolina, and is a necessary and proper party to the above-entitled action, and whereas the plaintiff above named has begun an action in said court for the collection of two promisory notes of \$87.50 each of date 29th Septem-ber, 1886, with 8 per cent. interest from date, and one oven account for \$75.95

date, and one open account for \$76.25:

Now therefore the said W. C. Culp is hereby notified that unless he be and appear before the Judge of our Superior Court, at a court to be held for the county of Cabarrus at the court-house in Con-cord, on the 8th Monday after the 1st in September, 1889, and plead answer or demur to the complaint of the plaintiff, which will be deposited in the office of the clerk Superior Court of said county within the first three days of said term, that the plaintiff will apply to the court for the relief demanded in the complaint

and for costs of action.

This 19th day of August, 1889.

JAS. C. GIBSON,

au 23-6t

Clerk Superior Court.

### NORTH CAROLINA COLLEGE.

Next session begins, the first Monday of September. Location healthy Terms moderate. For catalougue or particulars, ad-

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to our stock. EVERY-THING, besides being new. was bought at the lowest BOSS, CENTENNIAL AND OTHER cash prices, and we guarantee to sell you as cheap, and many things cheaper,

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been very successful, and we thank our friends and custo mers for kind words of encouragement and liberal orders. Our stock is larger than ever, and our

Prices Lower.

Save time and trouble ordering your goods when you can do as well in Concord.

WE OFFER:

1 Car Load Kerosene Oil, " White Rose Flour 50 Barrels of Sugar, 25 Sacks of Coffee, 25 Cases of Potash, 100 " Canned Goods. 50 Boxes of Tobacco. 50 Thousand Cigaretts. 250 Kegs of Powder. 150 Bags of Shot.

50 Cases of Matches. 100,000 Paper Sacks, &c.

We have the Agency for the

and keep all grades of Oil in

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Our warehouse is filled with Carriages, Buggies, Wagons, Reapers, Mow ars, Hay Rakes, of the best make on the market, which must and will be sold Our wholesale business has at the lowest figures. Be sure to come to see us, whether you buy or not.

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Do you want a Sewing; Machine? 17.50 to 30.

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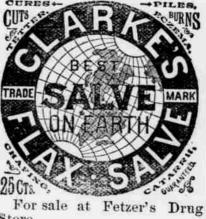
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COLD HEAD. Try the Cure

Ely's Cream Balm Cleanses the Nasal Passages. Allays Inflammation. Heals the Sores. Restores the Senses of Taste, Smell and Hearing.

A particle is applied into sack nostril and is agreeable. Price 50c. at Druggists or by mail. ELY BROTHERS,56 Warren St., New York.

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Condensed schedule in effect June

2d, 1889. Trains run by 75° SOUTHBOUND. Leave \*12 15 am \*4 30 pm 7 20 am 6 57 jun 9 45 am 12 24 am 11 00 pm 3 40 pm 3 (0 am 5 07 am

I\*hiladelphia Washington Charlottesville Lynchburg 5 40 pm Ar. Danville \*3 00 pm Ly. Richmond Burkeville 4 59 pm 4 30 am Keysville  $5.40~\mathrm{pm}$ Danville 8 40 pm Ar. Greensboro 10 25 pm \*2 00 pm | †4 00 pm Lv. Goldsbero 4 50 p m \*4 07 pm \*12 m'd't Lv. Raleigh 5 52 pm Durham 2 02 am 8 30 pm Ar. Greeusboro  $7~40~\mathrm{am}$ Lv Salem 6 15 pm 6 30 am Greensboro

9 50 am 10 37pm We have added a full FUNERALS AND FOR ALL AND EVERY OCCASION, OUR Ar Salisbury 12 26 am 11 18 am 1 51 am \*12 12 pm Statesville Asheville 7 40 am 4 44 pm 9 20 am 6 10 pm \*12 32 am 11 23 pm 2 05 am 12 40 pm Spartanburg 4 50 am 3 37 pm 5 50 am 4 48 pm 11 00 am \*2 20 am

Greenville Atlanta 9 40 pm Lv. Charlotte \*1 00 pm and Ar. Columbia 6 30 am 5 10 pm Ar. Augusta 10 30 am 9 05 pm Daily. No. 51. \*6 15 pm Ly. Augusta Lv. Columbia 10 40 pm Ar. Charlotte Lv. Atlanta 3 15 am \*6 00 pm Arrive Greenville  $12\;45\;\mathrm{am}$ 

\*7 10 am 1 49 am 4 40 am Spartanburg Charlotte Lv. Hot Springs \*8 05 pm 9 46 pm 3 30 am Statesville Ar. Salisbury Lv. Salisbury \*6 22 am Greensboro 8 00 am •11 40 am Ly Greensboro •9 45 am 12 01 pm Ar Raleigh Ly Raleigh 1 02 pm \*1 02 pm 3 10 pm Ar Goldsboro Lv. Greensboro \*8 05 am \*8 50 pm 9 47 am 10 20 pm 12 38 pm 1 49 am

Lynchburg \*12 40 pm 3 00 am 6 53 am 7 13 pm †8 20 am 3 00 am 10 47 pm

†Daily, except Sunday. Train for Raleigh via Clarksville leave Richmond daily 3 00 pm; Keys ville 6 05 pm; arrives Clarksville 7 25 pin; Oxford 8 80 pm; Henderson 9 30 pm; Durham 10 50 pm; Raleigh 11 45 pm. Returning leaves Raleigh 700 am daily; Durham 830 am: Heu-derson 830 am; Oxford 1020 am; Clarksville 11 18 am; Keysville 1238

except Sunday 530 pm; arives Keysville 1 35 am; returning leaves Keysville 9 00 am; arriving Durham 5 30 pm. Passenger coach

attached.

Nos. 51 and 53 connect at Richmond daily except Sunday for West
Point and Baltimore via York River

with No. 50 for the South-Nos. 50 and 51 connect at Golds-boro with trains to and from Morehead City and Wilmington.

Nos. 50 and 51 make close connection at University Station with trains to and from Chapel Hill except Sun-

sleeper between Atlanta and New York, Greensboro and Augusta, and Greensboro, Asheville, and Morristown, Tenn. On trains 52 and 53 Pullman Buffet Sleeper between Washington and New Orleans via Montgomery, and between Washington and Birming-

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For rates, local and through time tables, apply to any agent of the

Company, or to Sol Hass, Traffic Man'r. W. A TURK, Div. Pass. Ag't, Jas. L. Taylon, Raleigh, N. C. Gen. Pass. Ag't.

When I say CURE I do not mean merely to stop them for a time, and then have them re-turn again. I MEAN A RADICAL CURE. I have made the disease of

AND HYPOPHOSPHITES Almost as Palatable as Milk.

Bemarkable as a flesh producer. Persons gain rapidly while taking it. SCOTT'S EMULSION is acknowledged by "hysicians to be the Finest and Best propa-ation in the world for the relief and cure of

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1 23 pm 2 41 am 5 15 am

6 20 am 1 20 pm

pm, arrives Richmond 3 30 pm Local mixed train leaves Durham

No. 50 from West Point connects daily except Sunday at Richmond

Selma for Fayetteville. No 53 connects at Selma for Wil-

SLEEPING CAR SERVICE. On trains 50 and 51 Pullman Buffet

ham, Richmond and Greensboro, and Ralaigh and Greensboro, and Pullman parlor cars between Salisbury and Knoxville. Through tickets on sale at pricipal

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So disguised that it can be taken, ligested, and assimilated by the most sensitive atomach, when the plata oil sannot be tolerated; and by the combination of the oil with the hypophosphites is much more efficacious.

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