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J. C. HARDY, Editor and Proprietor.

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ATTORNEY AT LAW,  
Scotland Neck, N. C.  
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**DR. R. L. SAVAGE**  
OF ROCKY MOUNT, N. C.  
Will be in Scotland Neck, N. C., on the third Wednesday of each month at the hotel to treat the diseases of the Eye, Ear, Nose, Throat, and fit glasses.

**DR. A. C. LIVERMON,**  
DENTIST.  
Office up stairs in White-head Building.  
Office hours from 9 to 1 o'clock and 2 to 5 o'clock.

### Winter Cover Crops.

Every farmer owes it to himself, to his family and to posterity, to take the best care of his land that he possibly can; to maintain its fertility and to keep it from washing away.

Investigators, whether scientists or practical farmers, have found that winter cover crops of any kind prevent land, in a large measure, from washing, and when turned under the following spring make it more productive than if no crop had grown on it.

An experiment covering a number of years, in one of the North West-ern states, showed that more plant food was lost from the land during the months when no crops were grown on it than was taken off in the regular summer crops. If this was true in that state where they have long and cold winters when leaching is impossible for weeks at a time, how much more would it be true in North Carolina with her open winters when plant food can be leached from our soils almost any week during our winter months.

A ton of green rye contains, according to good authorities, about 6.6 pounds nitrogen, 3 pounds phosphoric acid, and 14.6 pounds potash. A ton of green wheat contains 10.8 pounds nitrogen, 3 pounds phosphoric acid, and 14 pounds potash. Green oats contain just a little less plant food than does green wheat. A ton of crimson clover contains 8.6 pounds nitrogen, 2.6 phosphoric acid and 9.8 pounds potash. Red clover, Bur clover and the vetches contain more plant food in their green state than crimson clover does. The wheat and rye mentioned above was probably grown on fertile land which explains their high percentage of nitrogen, for it is an established fact that crops grown on rich land contain more nitrogen than when grown on poor land. For that reason grain grown on rich land has a higher feeding value than that grown on poor land. It may be well for us to remember this when growing grain for our own feeding purposes.

Rye, wheat and oats take nitrogen from the soil and store it in the plant, thus saving much of this costly element of plant food that would otherwise be leached from the land by our winter rains. The stools or bunches and their roots and leaves retard the flow of water and act as brakes which will prevent to a large degree the washing of our rolling lands. The covers save the land from washing in the same way and in addition to this are beneficial by being able to take nitrogen from the air through the agency of bacteria which adds to the fertility of the soil. But to grow these latter crops successfully the soil must contain the bacteria peculiar to the particular crop grown.

It has been the experience of many of our farmers that any crop grown after a winter-cover crop, when turned under at the proper time in the spring, and disked well before and after turning, will produce a great deal more, often as much as 50 per cent more, than if no winter-cover crop had been grown. The seed for a cover crop will cost from one to five dollars an acre according to kind and quantity of seed used. This should save to the soil and add to the next year's crop more than twice the cost of the cover crop.

Sow at the rate of 15 to 20 pounds crimson clover seed per acre and cover lightly with harrow or cultivator. These can be sowed in growing crops, on stubble land, or after peas. Sow from 20 to 30 pounds of vetch per acre if sown with small grain, and if sown alone put from 40 to 50 pounds per acre. Rye should be sown at the rate of one to one and a half bushels per acre.

An application of manure, or from 200 to 500 pounds acid phosphate, per acre and 25 to 50 pounds muriate of potash on sandy or gray land, will be helpful to the clovers and vetches. For rye or other small grain it may be better to add 2 per cent nitrogen to the above.

It is now time to commence putting these crops in. When put in cotton fields it is better to sow immediately after the pickers, as in

that way no cotton will be knocked out in covering the seed.

Put in the crop that will succeed best in your locality and experiment with other crops in a small way until you are assured they will make satisfactory growth on your land and under your conditions.

**T. B. PARKER,**  
Director Co-operative Experiments,  
N. C. State Department of Agriculture.

### Books That Will be Needed for Each Grade When School Begins.

**FIRST GRADE.**  
Will need no books at first.

**FIRST ADVANCED GRADE.**  
Hiawatha Primer—To be ordered by Superintendent.

**SECOND GRADE.**  
Ward Method, Second Reader—To be ordered by Superintendent.

Stepping Stones to Literature, Second Reader—To be ordered by Superintendent.

Foust & Griffin's Speller—To be bought at book stores.

**THIRD GRADE.**  
Graded Classics, Third Reader—To be bought at book stores.

Milne's Progressive Arithmetic, Book I—To be bought at book stores.

Foust & Griffin's Speller—To be bought at book stores.

Allen's North Carolina History Stories—To be bought at book stores.

The Old North State Copy Book, No. 1—To be bought at book stores.

**FOURTH GRADE.**  
Hyde's Two Book Course in English, Book I—To be bought at book stores.

Baker & Carpenter's Fourth Language Reader—To be bought at book stores.

Foust & Griffin's Speller—To be bought at book stores.

Hansell's Beginner's History of U. S.—To be ordered by Superintendent.

Dodge's Elementary Geography—To be bought at book stores.

Milne's Progressive Arithmetic, Book II—To be bought at book stores.

Smithdean Copy Book, No. 3—To be bought at book stores.

**FIFTH GRADE.**  
Baker & Carpenter's Fifth Language Reader—To be bought at book stores.

Foust & Griffin's Speller—To be bought at book stores.

Hill's Young People's History of N. C.—To be bought at book stores.

Dodge's Elementary Geography—To be bought at book stores.

Milne's Progressive Arithmetic, Book II—To be bought at book stores.

Smithdean Copy Book, No. 4—To be bought at book stores.

Milne's Mental Arithmetic—To be ordered by Superintendent.

Graded Lessons in English, by Reed & Kellogg—To be ordered by Superintendent.

**SIXTH GRADE.**  
Hansell's Higher History of U. S.—To be bought at book stores.

Dodge's Comparative Geography—To be bought at book stores.

Milne's Progressive Arithmetic, Book III—To be bought at book stores.

Smithdean Copy Book, No. 5—To be bought at book stores.

Graded Lessons in English, by Reed & Kellogg—To be ordered by Superintendent.

Story of the Romans, Gueber—To be ordered by Superintendent.

Webster's Spelling Book—To be bought at book stores.

Ritchie-Caldwell Primer of Hygiene—To be bought at book stores.

**SEVENTH GRADE.**  
Hansell's Higher History of U. S.—To be bought at book stores.

Milne's Progressive Arithmetic, Book III—To be bought at book stores.

Dodge's Comparative Geography—To be bought at book stores.

Reed & Kellogg's Higher Lessons in English—To be ordered by Superintendent.

Evangeline, by Longfellow—To be ordered by Superintendent.

Gunnison & Harley's First Year in Latin—To be ordered by Superintendent.

All books for Eighth, Ninth and Tenth Grades will be ordered by the Superintendent.

**EIGHTH GRADE.**  
Rhetoric and Composition, by Lockwood & Emerson.

ICyils of the King, by Tennyson.

Colaw & Elwood's Advanced Arithmetic.

Gunnison & Harley's First Year in Latin.

History, The Ancient World, by West.

Science, not yet decided upon.

**NINTH GRADE.**  
Hill's Beginnings of Rhetoric and Composition.

Vision of Sir Launfal, by Lowell.  
Well's New Higher Algebra.  
Bennett's Caesar, 4 Books.  
Bennett's Latin Grammar.  
History, The British Nation, by Waring.

**TENTH GRADE.**  
Hill's Beginnings of Rhetoric and Composition.

Washington's Farewell Address and Webster's Bunker Hill Orations, Bound in one volume.

Well's New Higher Algebra.  
Bennett's Cicero, Four Orations.  
Bennett's Latin Grammar.  
Essentials in American History, by Hart.

Every pupil will need all the books printed in the list for his grade and parents should see that pupils are supplied with books the first day.

We have no objection to pupils using second-hand books where they have them. All new books that can be gotten from the book stores should be in hand a few days before school starts. The others will be ready for the pupils the first day of school if orders are placed with the Superintendent immediately.

**About Praying Juries.**  
A Newton lawyer says, with reference to the Beatty jury, that when a jury goes to praying in a murder case you might as well send for the undertaker and have the measurement taken.—Newton Enterprise.

"I have a world of confidence in Chamberlain's Cough Remedy for I have used it with perfect success," writes Mrs. M. I. Basford, Poolsville, Md. For sale by all dealers.

He courted her in ardent mood,  
But when he wooed she wouldn't  
He married her, and later rued,  
And when she cooed she couldn't.

"I have been somewhat costive, but Doan's Regulets gave just the results desired. They act mildly and regulate the bowels perfectly."  
—George B. Krause, 306 Walnut Ave., Altoona, Pa.

Mike (in bed, to alarm clock as it goes off) I fooled yez that time. I was not asleep at all.—Punch.

Any skin itching is a temper-temper. The more you scratch the worse it itches. Doan's Ointment cures piles, eczema—any skin itching. At all drug stores.



### STOP

and think how important it is to have your glasses fit correctly. Investigate the reputation of your optician, for much depends upon your eyes.

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Eyes examined FREE. Broken lenses matched and frames repaired. All glasses strictly cash.

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We do all kinds of lathe and machine work, repair engines and boilers and run a general repair shop. Horse-shoeing a specialty.

**PARKER'S HAIR BALSAM**  
Thins and restores the hair, promotes a luxuriant growth, stops itching humors, cures itching scalp, restores color, cures dandruff, itching, itching, itching.

## A Medley Advertisement Concerning Hardware!

Our store is "chuck full" of Hardware and Machinery. We have had twenty-five years experience in Machinery and Hardware and in that time have tried to learn a few important things, among them "what kind to buy," "how much to buy," and "what price to pay," so as to be able to sell our customers the best in Hardware and Machinery for the least amount of money. How well we have learned our lesson we leave to our friends to be the judges. When you are in need of anything in the Hardware and Machinery line, whether it is mentioned in this space or not, we extend to you a most cordial invitation to visit our store and investigate for yourself. We have the goods and will always be pleased to serve you and give you the benefit of our long hardware experience.

### Ignition Batteries Made by The National Carbon Company for Sparking Automobiles and other Gasoline Engines

The National Carbon Company is the largest manufacturers of Carbon and Carbon products in the world, hence they are in a position to sell us the BEST BATTERY FOR THE PRICE of any other makers of batteries. It is risky to buy batteries from jobbers or small manufacturers, as you are likely to get "stale" batteries. Our National batteries register more than 30 amperes and have the patented snap connections, yet we sell them at the low price of 25 cents each, and we always have them FRESH as we sell a great many of them, having to order a barrel almost every week.

**COTTON GINS.** The LUMMUS is the one that does better ginning, and does it faster than others, and lasts longer than others. See the LUMMUS before buying, if you need a gin this fall.

**FARM WAGONS.** The THORNHILL is the wagon for you because there is none better made, and yet the price is low, and, too, it is made of materials that have the lasting qualities.

**PEANUT THRESHERS.**  
The CHAMPION is the machine that does good work and lasts twice to three times as long as others.

**RANGES.**  
The MAJESTIC is the one with a reputation. It lasts a life time, but does not cost much more than the cheap ranges.

**COOK STOVES.**  
The old reliable EXCELSIOR, made in Baltimore, has been on the market and in use too long for us to comment on it.

**GASOLINE ENGINES.**  
The FOOS is the quiet, easy running, easy starting, and strong pulling engine, it is made right and gives no trouble.

**Buggies!** The WASHINGTON is the buggy to buy. We have been selling them four years and find them all right, in fact they are about as good as other buggies that sell for \$15.00 to \$25.00 more. Buy a Washington if you want a buggy for real service, and one that will stay with you. Built of good material with a view to quality.

**Hay Presses!** The ROYAL is the strongest and easiest to operate, will pack a heavier bale with less draught on horse than others, and will not break. Be sure to see this Hay Press before buying one, or you will certainly regret it. The ROYAL HAY PRESS is a standard of quality and just what its name indicates.

**HARNESS!** Well, just see the immense stock that we carry and make your selection. They are all right as to price, style and finish.

**Automobile Accessories.**  
We carry a big assortment, and can fit your machine up with Michelin Tires and Tubes, with Cements, Patches, Prest-o-Lite Tanks, etc., at the right prices.

**GASOLINE.**  
Well, we have had our experience with several kinds, but we find that THE TEXACO MOTOR GASOLINE will give you more power and more mileage than any other that we have tried. We keep this Gasoline in a BOWSER DOWN-TO-DATE-CRANK-ACTION-SELF-MEASURING PUMP. NO WATER IN OUR TEXACO MOTOR GASOLINE.

**Overland Automobiles.**  
Don't fail to see the Overland 30 h. p. Touring Car that sells for \$1,000, equipped and delivered. This car cannot be duplicated for less to \$1,250 to \$1,500 by other automobile makers.

The Pioneer Hardware Dealers. **JOSEY HARDWARE COMPANY.** Scotland Neck, North Carolina.