

# ROYAL BAKING POWDER

Absolutely Pure

The only Baking Powder made from Royal Grape Cream of Tartar

NO ALUM, NO LIME PHOSPHATE

## Necessity of Organic Matter in the Soil—Souring the Land.

On one occasion a good farmer came to me and said: "Last spring I plowed under a heavy crop of crimson clover, planted my corn and got nothing. My land was sour and my crop was killed." Another said he had plowed under a heavy crop of peas late in the summer, sowed wheat, and got no stand. The land soured and the wheat failed to germinate. Still another said he plowed under a heavy crop of vines and weeds which rendered the soil so acid he was unable to grow a crop for three or four years afterward. We could give a long list of names of men who by their own practical experience have proven to themselves conclusively that the use of green manure positively does sour the land and renders it infertile for a long time. Now, if one is out for a difficult job, just let him attempt to disabuse these men from the belief that their land has been soured by the use of green manure. They stick to the old idea as tenacious as to their right arms. They feel that their theory is based on practical experience (and what is better in the substantiation of any theory than practical experience? Nothing, to be sure).

Now, we have all had experiences. We know that certain effects follow certain causes. Moreover, we instinctively assign some cause for every effect. Frequently without taking the trouble to investigate the fact on which our conclusions are based. Admitting that all facts are covered by some theory, one should always check his theory by his facts and strive to bring his facts in line with the correct theory. We often sustain loss by assigning the wrong cause to an observed effect.

The farmers referred to above plowed the green manure under, planted the crop and received no return. There was some cause, to be sure, for the failure of the crop. Some one guessed the green stuff soured the soil and further investigation was generally thought useless. Some advised the use of lime to correct this acid condition. Few farmers, however, were disposed to buy enough lime to correct the large amount of acid they could imagine would be developed in the decay of so large an amount of green manure plowed under. The result was that they did not use the green manure, fearing the detrimental effects on the soil, and the land has remained poor for lack of humus to this day.

Now, what really happens when a heavy crop of green manure is turned into the land? In order to make the explanation clear we will have to bring to our aid a few terms of fundamental principles of physics, but these are simple and easily understood.

Fill a lamp full of oil, put the wick in it and note what happens. The oil begins to rise in the wick and finally reaches the top. The oil will continue to rise in the wick till every drop is taken out of the bowl of the lamp. The oil in the lamp bowl is called gravitation oil; that in the wick is called capillary oil. The rain falls on the land and gravitation pulls it down several feet below the surface. This is called gravitation water. When the sun shines this same water begins to climb up between the fine particles of soil just as the oil climbs the wick, and continues to climb until it reaches the surface where it is dried up by the sun just as the oil is burned away by the flame. This is called capillary water. This capillary water continues to rise to the surface of the soil until every drop is taken out of the soil and dispersed into the air as vapor.

No farmer would hope to grow a crop with the water in the first six inches of soil only. He expects the moisture to rise to the surface from depth ranging from three to five feet below.

Now, let us cut the lamp wick in two and let the two pieces come within 1-16 inch of each other. At the same time we will put a wide thin board six inches below the surface of the soil. Let the lamp burn and let the sun shine on the soil and see what happens. You have found that your oil did not rise above the cut place in the

wick and your lamp has gone out while there was an abundance of oil in the bowl. You have found also that the six inches of soil above the board is dry as dust while that is quite moist under the board. Why? Because the air space cut off the rise of oil in the wick and the solid board cut off the rise of moisture from the great reservoir below to the six inches of soil above it.

But what has this to do with the "souring of the land"? Nearly everything. The phenomenon called the "souring of the soil" is nearly always based on the principles outlined above. Instead of using the board let us plow under a six or eight ton crop of green clover or cowpeas, eight or ten inches deep. Let this mass of vegetation lie during the month of August, say, then examine it after a hot, dry period of ten days or two weeks and see what has occurred. You might use some blue litmus paper and test for acid. If there is an appreciable amount of acid present you will get a red color in the litmus paper but be sure to tear up the vines and examine the soil just below, also examine carefully the eight or ten inches of soil just above the mass of vines. Your litmus will not likely be colored at all because you are not likely to find any acid but you will find the soil just below the vines as wet as mud, perhaps, while the eight or ten inches on top of the vines will be dry as dust. Here you have the explanation of the "souring" effect of green manure on well drained lands.

J. L. BURGESS,  
N. C. Dept. of Agriculture.

James C. Dahlman, "Cowboy" Mayor of Omaha, "Throws the Lariat!"

Mayor Jas. C. Dahlman started his career as a cowboy, and it is at present Mayor of Omaha, and has the following record. Sheriff of Dawes Co., Neb., three terms; Mayor of Chadron, two terms; Democratic Nat'l Committeeman, eight years; Mayor of Omaha, six years, and in 1910 Candidate for Governor of Nebraska. Writing to Foley & Co., Chicago, he says: "I have taken Foley Kidney Pills and they have given me a great deal of relief so I cheerfully recommend them." For Sale by all Druggists.

On Tuesday of last week there was somewhat of a cyclone in the vicinity of Archdale, Randolph county. Considerable damage to timber and outbuildings. No dwellings damaged and no persons hurt.

—SCISSORS and Knives are easily ruined if not properly ground when being sharpened. If you want them sharpened right and made to cut as good as new give me a trial. Will sharpen anything from a broad ax to a pen-knife. Charge moderate. B. N. TURKIN, this office.

Fire in High Point Monday night of last week destroyed the plant of the Globe Furniture Company. Loss estimated at \$85,000. The barn of the Metallic Bed Company was destroyed by the same fire and other buildings were damaged.

A High Grade Blood Purifier.

Go to Alamanca Pharmacy and buy a bottle of B. B. B. (Botanic Blood Balm). It will purify and enrich your blood and build up your weakened, broken down system. B. B. B. is guaranteed to cure all blood diseases and skin humors, such as Rheumatism, Ulcers, Eating Sores, Catarrh, Eczema, Itching Humors, Risings and Bumps, Bone Pains, Pimples, Old Sores, Scrofula or Kerneis, Suppurating Sores, Bolls, Carbuncles. B. B. B. cures all these blood troubles by killing this poison humor and expelling from the system. B. B. B. is the only blood remedy that can do this—therefore it cures and heals all sores when all else fails. \$1 per large bottle, with directions for home cure. Sample free by writing Blood Balm Co., Atlanta, Ga.

The "Gilded ten" is a trip of a big bunch of automobiles from New York to Jacksonville, Fla., a distance of 1,450 miles. The tourists were at Winston-Salem Wednesday night and at Charlotte Thursday.

English Spavin Liniment removes all hard, soft or calloused lumps and blemishes from horses, blood spavins, curbs, splints, sweeney, ringbone, stifles, sprains all swollen throats, coughs, etc. Save \$50 by the use of one bottle. Warranted the most wonderful blemish-cure known. Sold by Graham Drug Co.

## Geyser of Round Knob Being Restored.

Washington, Oct. 20.—Referring today to recent publications relative to the restoration of the large fountain or geyser which for many years played at Round Knob, N. C., in sight of passing trains on the Southern Railway, President Finley said:

"There seems to be some misapprehension as to the restoration of this geyser. On a trip which he made through Western North Carolina several months ago, Mr. George F. Baker, of New York, noted that the geyser was no longer flowing. Inquiries having satisfied him that it would be practicable to restore it, he arranged to have the work done entirely at his expense as a testimonial of his high appreciation of the great service rendered by his friend, Colonel Alexander B. Andrews, of Raleigh, N. C., First Vice-President of the Southern Railway Company, in the development of Western North Carolina.

"The work of restoration is now under way and the new geyser will soon be in operation, throwing a column of water 250 feet in the air."

You Know What You Are Taking

When you take Grove's Tasteless Chill Tonic because the formula is plainly printed on every bottle showing that it is Iron and Quinine in a tasteless form. No cure, No Pay. 50c.

The National Association of Railway Commissioners, in session in Washington last week, adopted resolutions approving the recent action of the convention of Governors of various States at Spring Lake, N. J., in authorizing the presentation to the Supreme Court of the United States of a brief supporting the right of States to regulate freight rates within their borders.

Don't trifle with a cold is good advice for prudent men and women. It may be vital in case of a child. There is nothing better than Chamberlain's Cough Remedy for coughs and colds in children. It is safe and sure. For sale by all dealers.

Gov. Colquitt, of Texas, has called a conference of Governors of Southern States, to meet in New Orleans on the 23d, to discuss ways and means to prevent a further reduction in the price of cotton. The call requests the presence of the Governors and Commissioners of Agriculture of cotton-producing States and also representatives from the different farmers' organizations and the principal banking institutions and newspaper editors.

\$100—Dr. E. Detchum's Anti Diuretic may be worth to you more than \$100 if you have a child who soils bedding from incontinence of water during sleep. Cures old and young alike. It arrests the trouble at once. \$1. Sold by Graham Drug Co.

The Presbyterian Synod of North Carolina, which was to meet in Charlotte last Tuesday, has changed the date of meeting to Tuesday, November 7.

Foley's Kidney Remedy vs. a Hopeless Case.

Hon. Ark. J. E. Freeman says: "I had a severe case of kidney trouble and could not work and my case seemed hopeless. One large bottle of Foley's Kidney Remedy cured me and I have never been bothered since. I always recommend it." For Sale by all Druggists.

John Munden, a farmer of Perquimans county, shot and killed himself Wednesday of last week. In bad health and supposed to be mentally unbalanced.

Foley Kidney Pills

Supply just the ingredients needed to build up, strengthen and restore the natural action of the kidneys and bladder. Specially prepared for backache, headache, nervousness, rheumatism and all kidney, bladder and urinary irregularities. For sale by all Druggists.

The Rockingham railroad, which has just been completed and out-fitted at a cost of \$320,000, was formally opened for passengers and traffic Wednesday of last week. The road runs from Rockingham to Gibson, a distance of 24 miles.

A Medicine that gives Confidence

Is Foley's Honey and Tar Compound. Mrs. T. J. Adams, 523 No. Kansas Ave., Columbus, Kas., writes: "For a number of years my children have been subject to coughs and colds. I used Foley's Honey and Tar Compound and found that it cured their coughs and colds, so I keep it in the house all the time." Refuse substitutes. For Sale by all Druggists.

Judge Daniels later reduced to three years the sentence of five years first imposed on Julius Clary, convicted of manslaughter at the recent term of Davis Superior Court.

## DRINK the Best SOFT DRINKS

Graham Bottling Works, R. C. Hunter, Proprietors, use the purest extracts and flavorings and put up only one quality—

## THE BEST

Call for our goods and insist on getting them and you will get something PURE and Good.

R. C. HUNTER, GRAHAM, N. C.

## SALE OF LAND FOR TOWN TAXES.

Notice is hereby given that the undersigned Tax Collector of the town of Graham, N. C., will sell for cash, on

MONDAY, NOV. 13, 1911, at 12 o'clock noon, at the court house door in Graham, N. C. the following lots of lands for taxes:

The following is a list of the names of the owners of the lots to be sold and the amounts of taxes due by each:

A. C. Jenkins, 1 lot in Power House St. adjoining the lot of J. C. W. Walker and others for the year 1910, \$10.00.

A. L. Thompson, 1 lot in northwest part of Graham, near Hanks Mann's place, for the year 1910, \$10.00.

Gus Isley, 1 lot adjoining the lot of Ed Tate, in northwest part of town for the year 1910, \$10.00.

A. C. Jenkins, 1 lot known as the Fannie McLean lot in northwest part of town for the year 1910, \$10.00.

The above described property to be sold for taxes as therein stated, together with costs of sale, will be sold by order of Board of town commissioners in regular session, on T. WILSON, Town Tax Collector, Oct. 10, 1911.

## GREAT AUCTION SALE OF VALUABLE SUBURBAN PROPERTY

SATURDAY, NOV. 4th, 1911, At 2 o'clock p. m.

I will sell on the above date, under order of Court, more than fifty (50) acres of land, situated on the corporate limits of the City of Burlington, and known as the Henderson M. Mayo property. This land is a beautiful foundation, and is capable of infinite improvement. It is a fine suburban home, and has a nice truck farm at small cost. Upon this land is situated a five-room, two-story dwelling-house, and a barn, granary and well-house, and will be sold with the lot upon which they are situated.

The above property will be sold at 2 o'clock, Saturday, November 4, and purchase one or more lots at a bargain. This land is excellently situated, well drained, and has a fine view of the city and surrounding country. For further information as to the property, call and see W. W. BROWN, Commissioner.

## STATE OF NORTH CAROLINA—County of Alamance.

In the Superior Court of said County.

Special Proceedings.

Sam. T. Johnston, W. C. Johnston, Nosis C. Johnston, Pattie Johnston and Lemuel Johnston, Plaintiffs,

vs.

James Johnston, a minor, Mrs. Jno. Crockett and husband, Jno. Crockett, Albert Johnston and Henry Johnston, heirs at law of James Johnston, and Mrs. Kate N. Walker and husband, Knox Walker, Verna Johnston and Fannie Johnston, heirs at law of James Johnston, Defendants.

The defendants above named will take notice that an action entitled as above has been commenced before the Clerk of the Superior Court in and for Alamance County, North Carolina, for the purpose of selling for partition the lands lately owned by Isabella Johnston, late of Alamance County, N. C., defendants and plaintiffs being heirs-at-law thereto; and the said defendants will further take notice that they are required to be and appear before the Clerk of the Superior Court, at Graham, N. C., on or before the 20th day of October, 1911, and answer of demurrer to the petition filed with said Clerk in his office, or the plaintiffs will apply to said Court for the relief demanded in said petition.

This the 30th day of September, 1911.

J. D. KERNODLE, C. S. C.

J. S. Cook, Att'y.

The best plaster. A piece of flannel dampened with Chamberlain's Liniment and bound on over the affected parts is superior to a plaster and costs only one tenth as much. For sale by all dealers.

Seven persons were killed and 22 injured, four of them seriously, in a collision between a north-bound Missouri Pacific passenger train and a fast freight train at Fort Creek, Neb., Sunday.

ITS EQUAL DOES NOT EXIST.

No one has ever made a salve, ointment or balm to compare with Bucklen's Arnica Salve. It's the one perfect healer of Cuts, Bolls, Ulcers, Eczema, Corns, Sores, Burns, Bruises, Scalds, Salt Rheum, For Sore Eyes, Cold Sores, Chapped Hands or Sprains it's supreme. Unrivalled for Piles. Try it. Only 25c at Graham Drug Co.

Postmaster General Hitchcock has authorized the establishment of the longest railway mail route in the United States. It will extend, beginning November 1, over the Western Pacific lines between Salt Lake City and San Francisco, 993 miles. Much of the route covers a section of the country not heretofore provided with railway mail service.

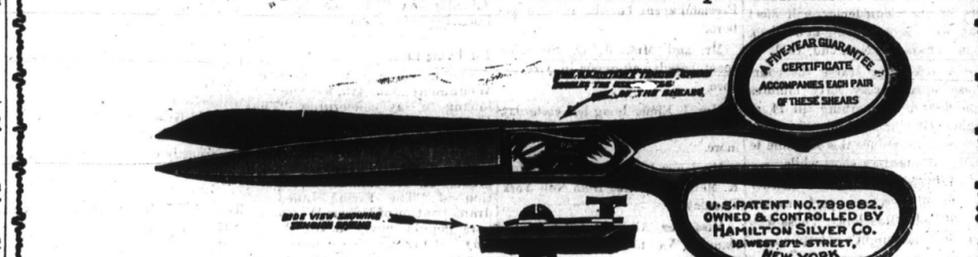
"I have a world of confidence in Chamberlain's Cough Remedy for I have used it with perfect success," writes Mrs. M. I. Bedford, Poolesville, Md. For sale by all dealers.

## 3 Household Necessities 3

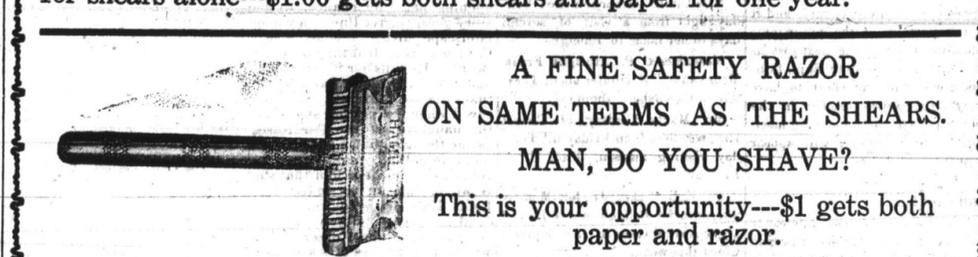
# F R E E

You Can Get Either by Paying \$1.00 in Advance and Taking The Gleaner For a Year.

If you owe anything on subscription, pay up and pay \$1.00 in advance and you get your choice of three valuable premiums.



Here's a fine pair of Shears, 8 in. long, worth the money asked you for shears alone—\$1.00 gets both shears and paper for one year.



A FINE SAFETY RAZOR ON SAME TERMS AS THE SHEARS. MAN, DO YOU SHAVE? This is your opportunity—\$1 gets both paper and razor.

Housewife, here is the best Egg-Beater in the world. It makes the work easy and light and does it quickly.

Send or bring the \$1.00 to THE ALAMANCA GLEANER, Graham, N. C.

## VALUABLE LAND FOR SALE!

By virtue of an order of the Superior Court of Alamance County made in a cause therein pending, entitled, *Thompson vs. Thompson*, the following lands are being sold, as Commissioners of said Court.

MONDAY NOVEMBER 6, 1911, at twelve o'clock noon, at the court house door in Graham, N. C. the following described real property, to-wit:

1. A tract of land in Alamance County, North Carolina, in Newlin Township, of One Creek, a joining the lands of David Burnett, other lands owned by the late Thomas P. McVey, and others, and containing 1.5 acres, more or less, bounded as follows: West by the lot of Solomon Allen and others, and known as the Solomon Allen place, and was conveyed to the said late Thomas P. McVey by E. E. Parker, Commissioner of Alamance County, in deed dated March 1, 1886, which deed is duly registered in the office of the Register of Deeds for Alamance County, North Carolina, in Deed Book No. 11, page 176 et seq.

2. A tract or parcel of land situate and being in Newlin Township, Alamance County, North Carolina, adjoining the lands of Nathan Stewart, John Stewart, Jonathan Thompson and others, and bounded as follows: BEGINNING at the foundry line; thence North 85 poles to a stone thence East 34 poles to a stone thence South 15 poles to a stake, Nathan Stewart's corner, thence West 27 poles to a stone, thence East 27 poles to a stone, thence West to the beginning, containing 16 acres, more or less.

This is the same property conveyed to the late Thomas P. McVey by E. E. Parker, Commissioner and wife, by deed dated January 25, 1891, and duly registered in the office of the Register of Deeds for Alamance County, North Carolina, in Deed Book No. 11, page 176 et seq.

3. A tract or parcel of land in Newlin Township, Alamance County, North Carolina, adjoining the lands of William Allen, Solomon Allen, John Allen and others, and being on the west side of One Creek, and bounded as follows: BEGINNING at a stone, William Allen's corner, in the Marshall line, running S. 4 deg. E. with said William Allen's line, 50 poles to a stone, thence East 15 poles to a stone, thence West with said Solomon Allen's line, thence North 15 poles to a stone, thence East 15 poles to a stone, thence South 15 poles to a stone, thence West to the beginning, containing 16 acres, more or less.

This is the same property conveyed to the late Thomas P. McVey by John N. Barber and wife, by deed dated December 14, 1886, which deed is duly registered in the office of the Register of Deeds for Alamance County, North Carolina, in Deed Book No. 11, page 176 et seq.

These four tracts of land situate and being on each other and were sold by the late Thomas P. McVey as one plantation, and constituted the home place of the said Thomas P. McVey up to the time of his death, and said lands really form but one tract or parcel of land, and will be sold as one tract or parcel of land.

Said lands will be sold upon the following terms, to-wit: One-third of the purchase price to be paid in money down, and the balance in three equal installments, the deferred payments to be evidenced by notes bearing interest at 6 per cent per annum, and to be paid in full upon the expiration of the term of years herein provided.

RENEAU HUGHES, J. E. FULFORD, JR., Commissioners.

This 2nd day of October, 1911.

## SOUTHERN RAILWAY

Direct Line To All Points NORTH, SOUTH, EAST, WEST.

Very Low Round Trip Rates to all Principal Resorts.

Through Pullman to Atlanta leaves Raleigh 4:05 p. m. arrives Atlanta 6:35 a. m., making close connection for an arriving Montgomery following day after leaving Raleigh, 11:00 a. m., Mobile 4:12 p. m., New Orleans 8:20 p. m., Birmingham 12:15 m., Memphis 8:05 p. m., Kansas City 11:20 a. m., second day, and connecting for all other points. This car also makes close connection at Salisbury for St. Louis and other Western Points.

Through Pullman to Washington leaves Raleigh 6:50 p. m. arrives Washington 8:53 a. m., Baltimore 10:02 a. m., Philadelphia 12:23 m., New York 2:31 p. m. This car makes close connection at Washington for Pittsburg, Chicago, and all points North and West and at Greensboro for Through Tourist Sleeper for California points, and for all Florida points.

Through Pullman to Asheville leaves Goldsboro at 6:45 a. m., Raleigh 8:35 a. m., arrives Asheville 7:40 p. m., making close connection with the Carolina Special and arriving Cincinnati 10:00 a. m. following day after leaving Raleigh, with close connection for all points North and North-West.

Pullman for Winston-Salem leaves Raleigh 2:30 a. m., arrives Greensboro 6:30 a. m., making close connection for all points North, South, East, and West. This car is handled on train 111 leaving Goldsboro at 10:45 p. m.

If you desire any information, please write or call. We are here to furnish information as well as to sell tickets.

H. F. CARY, General Passenger Agent, Washington, D. C.

W. H. PARNELL, T. P. A., 215 Fayetteville St., Raleigh, N. C.

## North Carolina's Foremost Newspaper

THE Charlotte Observer

Every Day in the Year

CALDWELL & TOMPKINS PUBLISHERS.

\$8 per Year

THE OBSERVER—

Receives the largest telegraphic news service delivered to any paper between Washington and Atlanta, and its special service is the greatest ever handled by a North Carolina paper.

THE SUNDAY OBSERVER—

Is largely made up of original matter and is up-to-date in all departments and contains many special features.

Send for sample copies.

Address

## Fire and Life Insurance

GOOD COMPANIES SAFE POLICIES CAREFULLY WRITTEN.

A part of your business will be appreciated.

All Kinds of Insurance.

CHAS. C. THOMPSON, - - Agent GRAHAM, - - - - N. C.

## THE Observer

CHARLOTTE, N. C.

KILL THE COUGH AND CURE THE LUNGS

WITH Dr. King's New Discovery

FOR COUGHS AND COLDS

GUARANTEED SATISFACTORY OR MONEY REFUNDED.

Cures Billousness, Sick Headache, Sour Stomach, Torpid Liver and Chronic Constipation. Pleasant to take

## DRINO

Laxative Fruit Syrup

GRAHAM DRUG CO.

Cleanses the system thoroughly and clears sallow complexions of pimples and blotches. It is guaranteed

The Old Standard

## 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 PILLS.