

Why those Pains?

Here is a testimonial unsolicited

"If I had my will it would be advertised on every street corner. The man or woman that has rheumatism and fails to keep and use Sloan's Liniment is like a drowning man refusing a rope."
—A. J. Van Dyke, Lakewood, N. J.



Sloan's Liniment

for
**RHEUMATISM
SPRAINS
SORE MUSCLES**



Uses and Abuses of Fertilizers

By Prof. R. J. H. DeLoach, Director of Georgia Experiment Station.

3. ROTHAMSTED EXPERIMENT STATION AND FERTILIZERS

The Third of a Series of Six Articles

The Rothamsted Experiment Station is in England, and is noted for the great work it has done along all lines of agricultural work. It has gone into the laws of soil fertility, has been the first to discover many of these laws, and has in all its history been especially interested in writing out a plan of farm management by which soil fertility could be maintained at a minimum cost to the farmer.

The Rothamsted experiments began in the year 1857, when Sir John Bennet Lawes began his private estate. He was a man who loved the soil and to experiment with it. Strange to say, he was a fertilizer manufacturer in a certain sense, as he early discovered a process for transforming bone into superphosphate by the use of sulphuric acid, and he patented this in 1842, and built an extensive business which he managed for about thirty years. In 1848 he associated with him J. H. Gilbert, and these two men for more than fifty years conducted extensive agricultural investigations in regard to soils and fertilizers, and feeds and feeding of domestic animals. In 1889 Sir John turned over his large estate, which had now grown so important, and had become so well known in all parts of the civilized world, to a board of directors, and endowed it with half a million dollars.

Twenty Years Experiments on Same Plots.

Among many other things that were done, experiments were conducted with fertilizers, mineral salts, and many forms of ammoniacs, also with animal manures, to determine just what soils needed to grow the most crops. For this work plots of ground were set aside, marked off, and carefully measured, and then planted to the crop with which the investigator wished to work. Small plots would be used for the different kinds of mineral and animal manures, and in each series one plot would be left unfertilized throughout the entire experiment, while the others would have applied the different combinations of fertilizers, etc. Careful reports were taken from each end of these plots, and with interesting results. The same experiments were continued for twenty years and more.

Many experiments were conducted with hay, and some of these with the following results: The plots that had no manure of any kind averaged in twenty years, 2,384 pounds of hay, the plots which had mineral manure alone, 3,598 pounds, the plots with mineral manure and superphosphate, 5,711 pounds of hay, those with mineral manure and soda phosphate, 6,726 pounds of hay, the plots which received the mineral manure and nitrate of soda, 6,407 pounds of hay. Considering the very low cost of the fertilizers in comparison to the increased yields brought about by their use, one could not fail to see the value of the manure salts.

Larger Yields Were Always Obtained.

The Rothamsted station was interested in the permanent improvement of land and the part played in this by the use of fertilizing materials. From the many experiments carried out there was never a doubt of the wisdom of applying plant food to the soil. Larger yields were always obtained, other things being equal, and the fertilization of the soils throughout England and her possessions recommended. It was decided to ascertain the effects of fertilizers on corn. Seven plots were treated as follows:

Plot 1. Unmanured.

Plot 2. Mixed mineral manure, 200 pounds sulphate of potash, 200 pounds sulphate of soda, 100 pounds sulphate of ammonia, 150 pounds superphosphate lime.

Plot 3. Ammonia salts, comprising 200 pounds sulphate ammonia and 200 pounds muriate of ammonia.

Plot 4. Ammonia salts and mixed mineral manures, as Plot 2.

Plot 5. Five hundred and forty pounds Peruvian guano.

Plot 6. Two thousand pounds rape cake.

Plot 7. Fifteen tons farmyard manure.

The results of six years of experiments follow: The greatest increase in yields was obtained with fertilizers richest in ammonia. The ammonia salts, the guano and rape cake gave the largest increase, which was about four or five bushels increase of dressed corn. In Plot 2, where only the mineral manures were used, the increase was least, while in Plots 3 and 4 it was greater, and in greatest it seems that the mineral manures effected the effect of the ammonia salts in order to help them become available. There was in every case a substantial increase where fertilizers were used over the plots that remained unmanured.

The great object in giving the above information is to bring to the attention of farmers and business men the question of fertilizers for the various farm crops is a subject as old as any farm of agricultural education, and Rothamsted did much fundamental work on it. In no case was it found that ammonia salts and other mineral manures, when applied together, were not valuable. Farmyard manure was somewhat valuable by itself, but far more so when ammonia salts were applied with it.

FOR THE MAN ON THE JOB

Rules Posted in Factories For Safety Purposes Should Never Be Overlooked.

Enforcement of factory rules is an other important matter in connection with safety work, and it must not be overlooked. The posting of rules and allowing them to be disregarded shows very poor management. When a rule is posted, every employee should obey it, or be called to the superintendent's office and asked if he thoroughly understood the order; if not, be instructed and given a copy to keep and read; no excuse to be accepted afterward. A disregard of rules should be considered a great offense against the management, and should be dealt with seriously in order to have the desired effect upon all interested. The posting of attractive signs at points of danger and in conspicuous places has given excellent results. These signs remind men that they are in a dangerous place and have caused employees to stop and think, because the eye had caught the warning sign, although the mind was in line thought and thus prevented an accident. I believe that bulletin orders and signs should be changed from time to time in order to get the best results from these sources. One becomes used, in time, to conditions encountered daily and passes them by, but something new in color or design at once excites man's natural curiosity, causing the employee to think. Once a man stops to think he becomes a safer and a better man in all his undertakings. Think first, and safety follows.—Safety Engineering.

SPONTANEOUS COMBUSTION

Every Day Fires Are Started and Serious Damage Done by Careless Disposing of Oily Rags.

Demonstrations of spontaneous combustion were made recently by the safety department of the National Cash Register Company, Dayton, Ohio, for the education of employees, partly as a result of a fire on the night of August 27 in the finishing department. The fire started in a bin where oily rags had been carelessly thrown. On one rag, it is believed, there was a little linseed oil. Drying of the oil, under certain conditions, will start a fire.

In order to impress upon the minds of the employees the danger of allowing waste paper of any kind to accumulate, it was decided to demonstrate just how fire may be started without the application of a match of any kind.

A large tin box from which one side had been removed was placed in the hall window of the safety office. In this each morning are placed three rags saturated with linseed oil and loosely confined in a dry tin to hold the heat. In a few hours later the rags become a smoldering mass, ready to burst into flames. The explanation is that linseed oil is a fast drying oil. When finely divided on a fast-drying cloth, a large surface of the oil is exposed to the air. Large quantities of oxygen are absorbed and heat is produced. The outside cloth becomes this heat. Finally, the temperature becomes so high that the cloth burns. Hundreds of fires in various parts of the country start from such causes.

Soft, thin paper, cotton or woolen rags, when soaked with relatively small amounts of oil and exposed to heated air, will burn. Members of the National Cash Register health and safety committee recently investigated a fire discovered in a factory. The cause was found to be oily rags soaked in linseed oil and exposed to heat. The fire was caused by a fat-rag fire. Spontaneous combustion resulted.—Safety Engineer.

The Farmers' Favorite Combined Corn and Cotton Drills

are par-excellence the best implements of their kind. Very strong, made entirely of steel. Can be set to drill or plant in hills any number of grains desired.

We can furnish this machine with or without fertilizer attachment and with disk or runner opener. Price very reasonable. Write for prices and special circular.

Catalog of Farm Implements, Gasoline Engines and all requisite Farm Supplies mailed upon request.

The Implement Co.,

1302 Main St., - Richmond, Va.

Flowers Flowers

FOR ALL OCCASIONS—Roses, Violets, Orchids, Tulips and Carnations especially. All the latest and best varieties. Floral offerings, all arranged in the latest art.

Write us for price list of your needs in Cut Flowers and Pot Plants of all kinds.

Our Business Is Growing.

Local Agent, WELDON FURNITURE COMPANY.

Mail, telegraph or telephone orders promptly executed by

J. L. O'QUINN & COMPANY,

FLORISTS,

RALEIGH, North Carolina.

Phones, Store 183 Greenhouses 149

Old Folks Saved From Suffering

Mrs. Mary A. Dear, Taunton, Mass., in her 87th year, says: "I thought I was beyond the reach of medicine, but Foley's Kidney Pills have proven most beneficial in my case."

Mr. Sam A. Hoover, High Point, N. C., writes: "My kidney trouble was worse at night and I had to get up from five to seven times. Now I do not have to get up at night, and consider myself in a truly normal condition, which I attribute to Foley's Kidney Pills, as I have taken nothing else."

Mrs. M. A. Bridges, Taunton, Mass., writes: "I have taken your kidney pills for two years. I commenced taking Foley's Kidney Pills ten months ago, and though I am 67 years of age, I feel like a 18-year-old girl."

Write for a free trial of this medicine, strengthening and up-building, and restores normal action to the kidney and to a staid and painful bladder. Get it quickly and contain no dangerous drugs or chemicals.

Sold by E. CLARK.

Proper Treatment for Biliousness

For a long time Miss Lulu Skelt, Churchville, N. Y., was bilious and had sick headache and dizzy spells. Chan's Pink Pills were the only thing that gave her permanent relief.

Chan's Pink Pills

WELDON, N. C.

HUSBAND RESCUED DESPAIRING WIFE

After Four Years of Discouraging Conditions, Dr. Bullock Gave Up in Despair. Husband Came to Rescue.

Dr. Bullock writes: "I suffered for four years, with womanly troubles, and during this time, I could not sit up for a little while, and could not walk anywhere at all. At times, I would have severe pains in my left side.

The doctor was called in, and his treatment relieved me to a while, but I was soon confined to my bed again. After that, nothing seemed to do me any good.

I had gotten so weak I could not stand, and I gave up in despair.

At last, my husband got me a bottle of Cardui, the woman's tonic, and I commenced taking it. From the very first dose, I could tell it was helping me. I can now walk two miles without tiring me, and am doing all my work."

If you are all run down from womanly troubles, don't give up in despair. Try Cardui, the woman's tonic. It has helped more than a million women, in its 50 years of continuous success, and should surely help you, too. Your druggist has sold Cardui for years. He knows what it will do. Ask him. He will recommend it. Begin taking Cardui today.

Write for Chattanooga Medicine Co. Letter! Address: Chattanooga, Tenn. For Special Advice on your case and full-page book, "Hints for Women," sent in plain wrapper.

"Dudson's Liver Tone" Is Harmless To Clean Your Sluggish Liver and Bowels.

"Dudson's Liver Tone" is a harmless, natural, mercury or quinine-free, purest essence of the bones, which, when it comes into contact with your liver, cleanses it, breaking up its stagnation, and making it healthy and vigorous. It is a natural, harmless, and safe medicine, and it is the only one of its kind that will clean your liver and bowels, and give you a healthy, vigorous, and happy life. It is a natural, harmless, and safe medicine, and it is the only one of its kind that will clean your liver and bowels, and give you a healthy, vigorous, and happy life.

CALOMEL WHEN BILIOUS? NO! STOP! MAKES YOU SICK AND SALIVATES

Calomel makes you sick. It's a dangerous and poisonous medicine. It's a natural, harmless, and safe medicine, and it is the only one of its kind that will clean your liver and bowels, and give you a healthy, vigorous, and happy life. It is a natural, harmless, and safe medicine, and it is the only one of its kind that will clean your liver and bowels, and give you a healthy, vigorous, and happy life.

Announcement!

We have bought out the Dray Business and Good Will of Mrs. J. W. Vaughn and this is to announce that we will continue the business in Weldon, guaranteeing prompt service and careful handling of baggage and freight by experienced drivers. For dray service call Ben Rodwell, Phone No. 323.

SMITH & RODWELL,

WELDON, N. C.

Spring Goods!

Fresh and new, just beginning to arrive, and within a short time will be displayed in all their magnificence.

AND THE LADIES

will find some of the very latest and smartest decrees of Dame Fashion in styles and fabrics that appeal to the purse as strongly as they do to the eye.

The ladies are cordially invited to call and inspect my stock.

A. L. STAINBACK,

The Busy Store, WELDON, N. C.

Dixon & Poole Manufacturing Company

MANUFACTURERS OF

Building Material for Modern Homes, Sash, Doors, Blinds, Mantels, Door and Window Screens

MADE TO ORDER AND REGULAR STOCK SIZES.

Good Materials, High Grade Workmanship Our Slogan.

Weldon, N. C.

SEA BOARD AIR LINE

THE PROGRESSIVE RAILWAY OF THE SOUTH.

Trains leave Weldon, Effective JAN 2, 1916.

C. E. CARTER, Ticket Agent.

NO. 16	SEABOARD EXPRESS, for Portsmouth-Norfolk. Vestibule Coaches, Sleeping Cars.	8:30 A. M.
NO. 12	SEABOARD MAIL, Vestibule Coaches, Parlor Car, for Portsmouth-Norfolk, connecting with Steamship Lines for Washington, Baltimore, New York, Boston and Providence.	3:35 P. M.
NO. 11	SEABOARD MAIL for Raleigh, Charlotte, Atlanta, Birmingham and the Southwest, connects at Norfolk, Raleigh or Hampton with "Florida Fast Mail" No. 3, for Jacksonville and Florida points; Dining Car, Sleeping Cars through sleepers to Hampton and Atlanta.	11:56 A. M.
NO. 15	SEABOARD EXPRESS, for Raleigh, Atlanta, Birmingham and the Southwest. Connects at Hampton with No. 14 for local and Florida points; Sleeping Car Portsmouth to Charlotte; Vestibule Coaches, Sleeping and Dining Cars to all points South and Southwest.	NO. 19 for Raleigh leaves 4:40 a. m. NO. 20 from Raleigh arrive 8:40 p. m.

Write to the undersigned for rates and time tables.

C. B. RYAN, JOHN T. WEST,

General Passenger Agt., - Division Passenger Agt

Norfolk, Va. Raleigh, N. C.

Are You a Woman?

Take Cardui

The Woman's Tonic

FOR SALE AT ALL DRUGGISTS

RUB-MY-TISM

Will cure Rheumatism, Neuralgia, Headaches, Cramps, Colic, Sprains, Bruises, Cuts, Burns, Old Sores, Tetter, Ring-Worm, Eczema, etc. Antiseptic Anodyne, used internally or externally. 25c

H. W. HARRISON'S

Go to HARRISON'S

MACHINE SHOP

For Automobile Repairs and Supplies. All kinds of Machine work—Stationary, Gasoline, Marine and Steam Engines, Arms and Pistols, auto-tuning guaranteed.

AUTOMOBILES

Tires and Supplies on hand for sale

GARAGE

WOMAN'S WORLD

Antiseptic Powder

FOR PERSONAL HYGIENE. Dissolved in water for douches, sprays, etc., for sore throat, sore eyes, etc. Recommended by Lydia E. Pinkham Med. Co. for ten years. A healing wonder for nasal catarrh, sore throat and sore eyes. Economical. An extraordinary cleansing and germicidal agent. Sample Free. 50c all druggists, or by mail. The Pinkham Toilet Company, Boston, Mass.

WE FURNISH

A full stock of every one of the best flour groceries at our store. All the reasonable delicacies are found in our store the year round.

CONFECTIONERIES

FRUITS CROCKERY AND TIN WARE

Wooden and Willowware, Etc. Goods delivered promptly any where in town. Polite terms. Phone No. 80.

R. M. PURNELL

WELDON, N. C.

THE NAME OF CHAS.

M. STIEFF ON YOUR

PIANO

It is important to know that the piano you buy has lived long enough to prove the merit of the principles on which it is built and that its tone and quality of action have been appraised by people qualified to judge.

Stieff

Pianos

have been before the public since 1842, and are now in the seventy-third year of their popularity. Having been the selection of Norfolk's most accomplished musicians. The purchase of a

Stieff

Piano

is an investment containing no element of speculation—and they are of moderate price and terms.

Chas. M. Stieff,

LEON C. STEELE, Mgr.

No. 231 Granby St., Norfolk, Va.

Phone 1109.

Roses,

Carnations, Violets

and other flowers always on hand. Shower Wedding Bouquets, Handsome Floral Designs, Palms and Ferns for home culture.

H. STEINMETZ,

Florist,

Raleigh, North Carolina

5-23-1y

Wood's Productive Seed Corns.

Our Virginia-grown Seed Corns have an established reputation for superiority in productiveness and germinating qualities.

Wood's Descriptive Catalog tells about the best prize-winning and profit-making varieties in both White and Yellow Corns.

Cotton Seed.

We offer the best and most improved varieties, grown in sections absolutely free from boll weevil. Our Catalog gives prices and information, and tells about the best of Southern Seeds.

100-DAY VELVET BEANS, Soja Beans, SUDAN GRASS, Dalila Grass and all Sorghums and Millets.

Catalog mailed free on request.

T. W. WOOD & SONS,

SEEDSMEN, - Richmond, Va.

SPEIERS BROS.

WELDON, N. C.

Gasoline Engines

Peanut

Threshers

Belting

Just received Car Load Shingles, National Wire Fencing, Hackney's Wagons. We Sell School Books.

HALIFAX HARDWARE Co.,

Halifax, N. C.

G. E. LEWIS, Manager.

3 18 3m

WAKE UP!

SEND YOUR ORDERS FOR ALL KINDS OF PRINTING TO

E. L. HAYWARD,

Weldon, N. C.

WOMEN

Love This Magazine

McCALL'S is the Fashion Guide and Household Helper of more women than any other magazine in the world. All the latest styles every month, also delightful stories that will hold you in their thrall. Home dressmaking, fancy work, etc. that lighten household and save money. Price only 30c a year, with one celebrated McCall's Dress Pattern FREE.

SEND A POSTAL CARD NOW FOR

1. A FREE Sample Copy of McCALL'S MAGAZINE.

2. A FREE Copy of McCALL'S Book on Sewing, "REVELATIONS IN CATALOGUE".

3. McCALL'S BUREAU of Fashion Offer to Every CHURCH.

THE McCALL CO., 236 to 246 N. 2nd St., New York, N. Y.

FREE

FREE

Dr. King's

New Discovery

Kill If You Let Them. Instead kill your Cough with DR. KING'S NEW DISCOVERY. It heats irritated Throat and Lungs. Thousands in last 40 years benefited by

Money Back if It Fails

All Druggists 50c, and \$1.00

Florida Cuba Panama

Mardi Gras

Personally conducted Tours during January, February and March.

Attractive winter trips Tours of 12, 15, 20, 30 and 35 days. All expenses included \$130 and up.

GATTIS TOURS

Tourist Agents Seaboard Air Line

RALEIGH, N. C.

WALTER E. DANIEL,

Attorney-at-Law,

WELDON, N. C.

Practices in the courts of Halifax and Southampton and in the Supreme and Federal courts. Collections made in all parts of North Carolina. Inland office at Halifax open every Monday.

GEORGE C. GREEN,

ATTORNEY-AT-LAW,

WELDON, N. C.

(National Bank Building)

Wm. L. KNIGHT,

Attorney and Counselor-at-Law,

WELDON, N. C.

Office in the Daniel Building. Business promptly and faithfully attended to.

W. J. WARD,

DENTIST,

OFFICE IN DANIEL BUILDING

WELDON, N. C.

sept 12 1y

E. T. CLARK

ATTORNEY AT LAW,

WELDON, N. C.

Practices in the courts of Halifax and adjoining counties and in the Supreme court of the State. Special attention given to collections and prompt returns.

D. E. STAINBACK,

NOTARY PUBLIC

And Fire Insurance.

Roanoke News Office - - Weldon, N. C.

THE NAME OF CHAS.

M. STIEFF ON YOUR

PIANO

It is important to know that the piano you buy has lived long enough to prove the merit of the principles on which it is built and that its tone and quality of action have been appraised by people qualified to judge.

Stieff

Pianos

have been before the public since 1842, and are now in the seventy-third year of their popularity. Having been the selection of Norfolk's most accomplished musicians. The purchase of a

Stieff

Piano

is an investment containing no element of speculation—and they are of moderate price and terms.

Chas. M. Stieff,

LEON C. STEELE, Mgr.

No. 231 Granby St., Norfolk, Va.

Phone 1109.

PATENTS

Trade Marks and Copyrights. Patent and Trademark Law. Free Search and Report on Patentability. Patent Drafting and Prosecution. Patent Attorneys, D. SWIFT & CO., 303 Seventh St., Washington, D. C.

Grand Display

OF—

UP-TO-THE-MINUTE MILLINERY.

FANCY GOODS and NOVELTIES.

Butterick's Patterns

R & G Corsets.

Misses at 75c. Ladies 75c. to \$1

Prices will be made to suit the times. Hats and Bonnets made and trimmed to order.

ALL MAIL ORDERS PROMPTLY FILLED.

MRS. P. A. LEWIS,

Weldon, N. C.

Coughs

Kill If You Let Them.

Instead kill your Cough with DR. KING'S NEW DISCOVERY. It heats irritated Throat and Lungs. Thousands in last 40 years benefited by

Money Back if It Fails

All Druggists 50c, and \$1.00