

## U.S. DEPARTMENT OF AGRICULTURE STUDYING SWEET POTATO CULTURE

Letter To Prominent Currituck Farmer Tells How Disease Prevalent in County May Be Avoided.

At the instance of Mr. Wallace O'Neal of Aydlett, Currituck county, the U. S. Department of Agriculture has been conducting an investigation regarding the disease which has been attacking the sweet potatoes in some sections of Currituck. Mr. O'Neal several months ago forwarded to the Department sample of the diseased potatoes and vines and soil. The investigation has been completed and Mr. L. L. Harter, Pathologist, has prepared a communication to Mr. O'Neal. On this subject is a matter of extreme importance to so many growers of potatoes in Currituck county. Congressman Small sends copy of this letter to the ADVANCE with the suggestion that it be published.

The letter was as follows:  
Feb. 3, 1913.  
Mr. Wallace O'Neal,  
Aydlett, N. C.,  
Dear Sir:

Your two letters, one of Sept. 2nd, and one of November 18, to Prof. L. C. Corbitt, accompanied with diseased sweet potatoes and soil, have been referred to me for attention. I have delayed answering your inquiry until I could make a study of the disease, hoping as a result to be able to give you more specific directions for its control.

Three things are necessary to obtain a clean crop of sweet potatoes: (1) clean seed; (2) a clean hot-bed; and (3) crop rotation or planting the slips on disease-free soil.

Most of the diseases of the sweet potato attack both the vines and the roots or potatoes. In view of that fact the diseases are often introduced into the hot-bed in the seed and from there carried to the field with the slips. It is, therefore, very important to use disease-free seed. Clean seed can be secured only by selecting the potatoes and this can be done most successfully in the fall at digging time. The vines and potatoes both should be very carefully examined. The seed should be taken only from the hills that seem apparently free from disease. The "stem rot" is easily detected upon pinching open the stem, by the blackened interior portion. The organism enters the roots also.

With clean seed potatoes it is essential that the hot-bed should be free of the parasitic organisms. Great care should be exercised in the preparation of the hot-bed. Before the soil is put in the bed the cement, boards, or whatever is used in the construction, should be thoroughly sprayed with a Bordeaux solution or white wash. New soil should be obtained from the woods or preferably should be sterilized by steaming or disinfected by soaking with a solution of formaldehyde.

If steam is used the soil should be sterilized for about forty minutes after the temperature reach 212 degrees F. If it is found impracticable to sterilize by

### WEEDING BELLS AT MANTEO

Manteo, N. C., Feb. 17th.—On Sunday afternoon, February 16th at four o'clock at the home of Rev. O. N. Marshall, Mr. Horace Dough and Miss Martha Meekins were quietly united in the bonds of holy matrimony, Rev. O. N. Marshall officiating.

Immediately after the ceremony and congratulations from their special friends who were permitted to witness the marriage the bride and groom left for their home at North End. Mr. Dough is a worthy and highly esteemed young man of North End and is engaged in the construction of the light house at Poplar Branch. Miss Meekins, for some time, has been the popular and efficient book keeper for the firm of T. S. Meekins and Company of Manteo.

Their many friends wish them a long and happy life.

### AGED SOUTH MILLS CITIZEN DEAD

Mr. Edmund Sawyer, aged 86 years, died Sunday night at his home in South Mills. He was buried Sunday afternoon at the Methodist church.

Mr. Sawyer was the father of Mrs. M. N. Sawyer of this city. Remarkable well preserved for his years, he had however, been in feeble health all winter; gradually growing weaker until death resulted.

Old in years, and for the past few months feeble in body, Mr. Sawyer remained young in spirit to the last. He was one of the few who carry into manhood and age the heart of a boy. A lover of fun, he is said to have been himself a story teller of note, delighting his hearers with his ready wit.

### MASQUERADE PARTY

The Royal Ambassadors of Blackwell Memorial church will have a masquerade party at the home of Miss Annie Bell Edwards corner Broad and First streets tonight. Admission, 5c. for children, 10c. for adults. Refreshments will be served. Come and encourage the children.

Messrs. A. C. Hathaway and F. P. Whorton of Washington, N. C., are in the city.

Mr. J. B. Bowden has bought the Pepsi Cola Bottling works of D. W. Davis and will move the plant to Matthews street, occupying the building next to the Elizabeth City Buggy Company.

FOUND on Dyer St. in front of Mrs. Frank Winslow's, a silver mesh bag. Owner can have same by identifying it.

steam, formaldehyde (1 part formaldehyde to 200 parts water) can be used. The soil should be thoroughly soaked about two weeks before using. Formaldehyde can be purchased cheaply at any drug store.

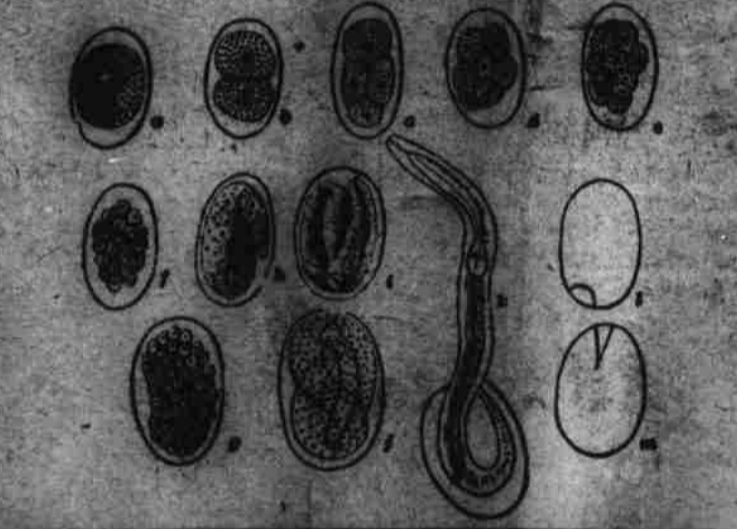
Crop rotation should be practiced. Plant the slips on ground where sweets have not been grown for several years.

Yours very truly,  
L. L. HARTER,  
Pathologist.

### Hookworm In Lungs



### Hookworm Eggs



## PASQUOTANK HOOKWORM CAMPAIGN

Hookworm Disease Very Prevalent in Pasquotank County, North Carolina and no Reason Why Pasquotank Children Should Not be Infected. All Should be Examined

The commissioners of Pasquotank county at their last session voted an appropriation to pay the expense of a Hookworm campaign in the county. The campaign will begin on February 24 and will continue for five weeks thereafter. The work will be in charge of Dr. W. P. Jacobs of the State Board of Health assisted by a trained microscopist.

Hookworm disease is prevalent in all sections of North Carolina no county being exempt from infection. It is decidedly severe in the eastern section of the state especially in the country districts its ravages showing marks chiefly in the children. This being true it is desirable that the children—all of them, be examined and it is the duty of every parent to see that this opportunity is not neglected.

A schedule of the campaign is published below. Find out which point is nearest your home and then see to it that you visit the dispensary on the first day.

There will be shown at the dispensary intestinal worms of many kinds, interesting pictures and there will be given each day a talk on hookworms, hookworm disease and sanitation, illustrated by pictures and drawings.

Examination, treatment and everything is absolutely free. Literature on Hookworm disease, Malaria, Typhoid Fever and the Sanitary Privy will be distributed free.

The schedule follows:  
Weeksville, Tuesdays February, 25th March 4, 11, 18, 25.  
Pasquotank, Wednesdays, February, 26, March 5, 12, 19, 26.  
D. S. Davis' Store, Thursdays, February, 27, March 6, 13, 20, 27.

### BEN VANN TO GET NO NEW TRIAL

News reached here from Raleigh yesterday that B. F. Vann, convicted here of the murder of Oliver Layden, has lost his appeal to the Supreme Court and must serve his sentence of twenty years.

This is no surprise to the people of this section who knew the facts in the case as they were brought out on trial. Vann had hardly a chance in a thousand to get a lighter sentence than that imposed upon him.

### OYSTER SUPPER FOR MR. HERMON

There will be an oyster supper at the home of Mr. H. G. White near Oklake, at the old John B. Perry residence, on Wednesday night of next week, February 26. The supper is given for the benefit of Mr. Hermon church, repairs about the church and parsonage being contemplated and funds being needed to liquidate debts already standing.

The general public is cordially invited to attend.

March 26th and 27.  
J. N. Williams Store, Fridays, February, 28, March 7, 14, 21, and 28th.  
Elizabeth City, (Court House) Saturdays, March 1, 8, 15, 22, and 29th.

## BIG EXPERIMENT FARM ESTABLISHED FOR NORTH EASTERN NORTH CAR.

Black Reclaimed Lands of Belhaven Section to be Studied. Two Hundred Acre Farm at Wenona

The North Carolina Department of Agriculture has arranged to establish a 200-acre State Experiment Farm on the black lands, north from Belhaven. The exact location is on the Norfolk Southern Railroad, directly at Wenona station, and near the county line, between Washington and Beaufort counties.

The type of soil at this farm located represents a black sandy loam formation, and the state experiment operations at this farm will be for the purpose of ascertaining the best crops and cropping methods applicable to this type of soil.

The active operations are already under way at the new farm and a large amount of money will be expended this spring in the way of erecting buildings and bringing a good acreage area of this black soil land under cultivation. All the land included in this state farm is in an undeveloped, raw condition, and additional experiment value will be added to the farm operations from the fact that the State Department will have evidence and operation experience to record from the beginning.

The securing of this State farm for eastern North Carolina is the real result of energetic efforts put forth by the Land and Industrial Department of the Norfolk Southern Railroad and as a

### NORFOLK SOUTHERN ISSUES FOLDER

Norfolk, Va., Feb. 16, 1913.—With a tendency to metropolitan ways the passenger department of the Norfolk Southern Railroad has recently issued a new folder and reference guide. This folder is being placed in the hands of the traveling public, with the view of giving them useful information in a condensed form. It is a combination of train time tables and a compendium of general information with reference to stations, cities and towns along the several lines of road operated by the Norfolk Southern.

A new and valuable feature of this travel guide is a table, showing the population of the different cities and towns, an up-to-date idea, and of special interest to the traveler unacquainted with the territory.

Of late there has been a rapidly increasing interest in Norfolk Southern territory, and every day new people, both business and prospectors, are traveling through the coastal plain country, seeking information as to the resources and advantages of this southeast land.

### NEW STORE OPENS

Mr. C. H. Sanderlin, who has been in the ready-to-wear garment business for some time and is well known in this city is opening up an attractive line of goods at 159 Poindexter street.

### DEACONS ORDAINED

Messrs. S. S. Davis, Milton Sample and George Harrell were ordained as deacons of Corinth Baptist Church last Sunday afternoon. The ordination was conducted by the pastor, T. L. Reid, assisted by Rev. E. F. Sawyer.

### MR. PEELE AT CORINTH

Mr. Peele will speak at Corinth church Sunday afternoon at the regular preaching service hour. The pastor, Rev. L. T. Reid, will be prevented from filling his regular appointment on account of his part in the Willard Memorial service of the W. C. T. U. which is to be held at the First Methodist Church.

### LITTLE GIRL DEAD

Mary, the twelve year old daughter of Mr. and Mrs. Frank Carier, died Tuesday of Pellagra. She was buried Wednesday, the funeral services being conducted by the Rev. L. T. Reid pastor of the First Baptist Church.

This is the third death from pellagra that has occurred here in the past twelve or fifteen months.

Mrs. C. C. Meads and Miss Goldie Lister, after a visit to Mrs. J. W. Menden, have returned to their home in Weeksville.

resources and advantages. It is the plan of the railroad people to hereafter give out varied and changing lines of information and data regarding the territory along the Norfolk Southern, and to combine these news items along with their regular and frequent issues of timetables and folders.

Another very noticeable feature of the present folder and guide is that the Norfolk Southern has adopted a new color scheme, the old time but careworn green having now given way to a tasteful and cheerful but mild mannered maroon.

### DANTE'S INFERNO AT THE ALKRAMA

Dante's Inferno, in five reels, was presented at the Alkrama in moving pictures Thursday night; and this number will be also repeated to-night.

A large crowd was present at the Alkrama last night, and the attendance will probably be even larger to-night. The great Italian's masterpiece has held the interest of the world for centuries, and it will be most effectively presented in the pictures that the Alkrama has secured. The interest of those who have not read Dante's Inferno will be stimulated; and those who have studied it will be able to read it with full appreciation.

### FIRST M. E. CHURCH

Sunday Service  
REV. J. C. WOOTEN, Pastor.  
9:30 A. M. Sunday School, T. G. Markham Superintendent  
11:00 A. M. Sermon on Patriotism  
3:00 P. M. Francis Willard anniversary, under auspices of the W. C. T. U., Address by Rev. Mr. Reid.  
7:30 P. M. Sermon on Forsaking Christ.