

Work of Congress Continued.

(Continued from First Page)

Baltimore and Bradley to become a United States Judge. Representative Oates, of Alabama, who was a Cleveland goldbug candidate for Governor.

THE CONCLUSION OF THE WHEELMATTER.

Congress met in extra session over a year ago. They have passed in their lap of the people's taxes in their support of the shape of extra-mileage and at the rate of \$100 a day. They have adjourned and gone home and what have the people got to show for it all per diem? Congress has not passed a single law to put more money into circulation, they have not passed a single law to revive business, to make debts easier to pay, to strike down limit of the people's money and they set by silly and saw-cleveland increase the public debt \$50,000,000 by an issue of gold interests bearing bonds; they went into reparations with the French and monopolies and passed a tariff bill that is clogging with corruption and fraud, and which is a disgrace to every man who voted for it. It is a bill that nobody will father, and that even the manhood goldbug Cleveland will not give the empty compliment of his signature.

The House came in fairly howling for reduced expenditures, and yet the result shows that aside from the cut in pension appropriations, expenditures have been increased over those any year since the war, and with the cut of \$20,000,000 in the pension roll, the total appropriations, including the pensions, exceed either year of the fifty first Congress, except in short the action and inaction of Congress has given the lie to Democratic promises and pledges and has flagrantly betrayed the people and American industry. The record is sickening. Let the curtain fall.

THE \$25.00 PREMIUM

WHICH THE CAUCASIAN OFFERS IS BEING COMPLETED FOR.

One More Letter—The Caucasian has Struck the Key Note.

No. 48.

Littletown, N. C., Aug. 27, '94.

EDITOR THE CAUCASIAN:

I have a plan to secure a fair election in North Carolina under their present election laws, viz:

First—That each township be thoroughly organized into People's party clubs, and to keep a strict roll of all members with their full name rightly recorded; and a few days before the registration book is closed let the secretary or some competent member of each club take his roll and compare it with the registrar's book and should he find any member of his roll not correctly registered, or not registered at all, to see such member and have him register correctly.

Second—That at the last club meetings of the township, after having gone through with the general business of the club let there be a final roll call and a new roll made of the members, who are voters, and who will pledge themselves to support with their ballots the Populist nominees.

The enemy always fear a thoroughly and well equipped organized body; but a disorganized body, matters not how great it may be in numbers, is routed at the first flash of the musket. Organize! ORGANIZE! Yours truly,

D. S. Moss.

Maj. Wm. A. Guthrie's Appointments.

Maj. Wm. A. Guthrie will speak in the interest of the People's party at the following times and places:

Fayetteville, Monday, Sept. 3rd	Dunn, Wednesday, 5th
Smithfield, Thursday, 6th	Harboro, Friday, 7th
Williamston, Saturday, 8th	Hertford, Monday, 10th
Elizabeth City, Tuesday, 11th	Gatesville, Wednesday, 12th
L Halifax, Thursday, 13th	Winton, Friday, 14th
Northampton Co., Saturday, 15th	

Speaking each day at 12 o'clock except at Harboro where it will begin at 2 o'clock.

MARION BUTLER, Chrm.

THE EXPERIMENT STATION



At Raleigh, N. C., efforts to Help the Farmers of North Carolina

The Experiment Station Bulletin. The standing order is made to send the Bulletin of the Station gratis to the farmer who really desires to receive them. Thousands of farmers have already taken advantage of this offer. This is your really want to be benefited, then, please do not apply for them. If you desire to read our Bulletin, write on postal card to Dr. H. B. Battie, Director, Raleigh, N. C.

Adulterated North Carolina Feed

Many people in North Carolina who feed stock purchase wheat bran. In the State where the wheat is raised, this bran is purchased by the ton or car load from western millers whose dealers who have taken it from producers. Some of the bran gets to the consumers badly adulterated. Recently out of some bran purchased from a certain place and offered for sale at Raleigh was found the following: 1. Ground kernels of wheat, oats, corn, or chest and several other varieties of seed mixed to the amount of 100 per cent of the whole on the supposition that all was like the sample presented. Some of the bran, a few kernels on examination were filled with a dark powder which was probably burnt or stinking smut. (Pneumonia) and one of the worst pests of wheat growing localities.

The cattle feed (Lynch's) given to the cows in the State was found to contain 55.4 pounds of cattle feed per ton of bran. Chaff or chink. (Horned) contained 140 per cent of the mixture called bran which had 20.2 pounds of chaff per ton.

On the Experiment Farm where the stable manure has been weighed it was found that four mature horses with one colt, fourteen cows, two bulls, one old steer and three ewes produced fifteen tons of stable manure per year. At a moderate estimate for bran 2 1/2 tons should be consumed by the stable manure would be stocked with seed enough to insure a fair stand of weeds. Those who feed this kind of bran should invest in weed killing implements, for they are sure to be needed, not only this year but continually for some time.

There ought to be a penalty for adulteration, especially where the foreign manure may do as much harm as weed seeds are capable of doing. This practice should warn purchasers to be particularly by sample and to accept nothing but good seed. The farmer should buy and grind them so you will not be burdened by future weed crops. — E. E. Emery, Agriculturist, N. C. Experiment Station.

A Good Substitute for Tobacco.

Acid phosphate, cotton seed meal, nitrate soda, and sulphate of potash can be mixed to make a high grade fertilizer suitable for yellow tobacco, as follows:

Acid phosphate 10 percent	100 lbs
Cotton seed meal	200
Nitrate of soda	40
Sulphate of Potash	120
Total	560

This mixture will analyze approximately 10 percent available phosphoric acid, 34 percent ammonia, and 3.6 percent of potash. These ingredients should not cost more than \$2.50 for the ton, and can be obtained in any quantity at a nominal cost at home. Its value in a great degree depends on the careful mixing. The material should be made fine by mashing and mixed a short while before use. The ammonia from two sources were never before mixed and the mixture of nitrate and nitrate of soda, and the latter of special value for a quick growing plant as tobacco. The potash in its best form for yellow tobacco is that obtained by long usage. The advantage of home mixing is that you can alter the proportions to suit your individual soil. H. B. Battie, Director, N. C. Experiment Station.

Advanced Monthly Summary of Meteorological Reports for North Carolina, March, 1894.

The North Carolina State Weather Service has issued the following advanced summary of the weather for March, 1894, as compared with the corresponding months of the preceding years. The past winter has been a mild one in North Carolina. The month of January was three degrees above the normal temperature for that month, and half a degree below. The rainfall was deficient in January and March, and abundant in February. The conditions were generally favorable for farm work. The weather during March was very unfavorable for agricultural interests. From the 1st to the 20th the temperature averaged twelve degrees per day above the normal, and the humidity reached a maximum of 91 degrees at Southern Pines, and 89 at many other places; temperatures so high were never before recorded in North Carolina during March. Vegetation was pushed from two to three weeks in advance of season. The severe freeze of March 20th and 21st, consequently did enormous damage everywhere. Undoubtedly the peach crop will be seriously injured by a small yield of other fruits, especially apples. Grapes also were badly damaged. The severe frost again, pushing something like half a crop. A good many strawberry beds were saved by covering, as were also some potatoes in the

QUESTIONS AND REPLIES.

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Right of Tomato and Potato.

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Prevention of Southern Blight.

The best way to prevent Southern Blight is to use a mixture of water and a weak solution of formalin. This mixture should be applied to the plants at intervals of ten days, starting from the time they are first planted. It will kill the bacteria and prevent them from spreading to other plants.

Use of a Fertilizer.

The question is often asked, "What are the other ingredients of a fertilizer?" The answer is, "The other ingredients are the elements of nutrition which are essential for the growth of the plant. These are nitrogen, phosphorus, and potassium. They are usually found in the soil, but in some cases they are deficient, and a fertilizer is needed to supply them."

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The above represents an Ammonia Fertilizer. The most important ingredients are listed in the table below. The fertilizer should be applied to the soil in the following manner: 1. Scatter it evenly over the surface of the soil. 2. Work it into the soil to a depth of 2 or 3 inches. 3. Water the plants thoroughly after the fertilizer has been applied.

North Carolina Weekly Weather Crop Bulletin.

The first crop bulletin of the State Weather Service of the N. C. Agricultural Experiment Station, prepared with the U. S. Weather Bureau, was issued from the central office in Raleigh April 15th. It contains reports from all the counties of the State, covering the previous week, to all newspapers of the State in time to reach the farmers before the crops are planted. It is a valuable source of information for the farmer, and is published weekly during the growing season, ending about October 15th.

Spreading Orchards and Vineyards.

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Many fruit growers will be discouraged and think it not worth while to plant again this year. This is a mistake. It is very unwise even where there is a prospect of fruit for the present year. If these pests are allowed to multiply they will do much more harm next year. They may get such a firm foothold in an orchard or vineyard that it may take years to get rid of them. It is better to spray the trees with a good insecticide as usual and keep it going as long as any signs of noxious insects or fungi appear. State directions for spraying fruit trees and vines are given in Bulletin 92 of the North Carolina Experiment Station which is sent free to residents of the State and to non-residents who send 10 cents in stamps. — Gerald McCarthy Botanist, N. C. Experiment Station.

Injury to Acid Phosphate by Marl.

Please inform me by return mail whether Marl will injure acid phosphate or not. If mixed together will phosphate act in the soil as usual in the phosphate and lime phosphate with acid or not? — J. C. Mason, N. C. Experiment Station.

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The answer is, "No, it will not injure acid phosphate. In fact, it will have a tendency to increase its value. The phosphate will act in the soil as usual, and the marl will supply the calcium which is essential for the growth of the plant. The two together will be a very valuable fertilizer for many crops."

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STATE PLATFORM OF THE PEOPLE'S PARTY.

Resolved 1st. That the People's party of North Carolina in convention assembled do hereby endorse the platform of the National and State and National, and especially the following: 1. The free and unobstructed exchange of silver and gold at the free market rate of exchange. 2. The free and unobstructed exchange of silver and gold at the free market rate of exchange. 3. The free and unobstructed exchange of silver and gold at the free market rate of exchange.

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