

At Raleigh, N. C. Desires to Assist the Farmers of North Carolina

The Experiment Station Bulletin. The standing offer is made to send the bulletins of the station to all in the State who really desire to receive them.

The following gives a short description of each of the bulletins issued lately. Each number will be sent free upon application from residents in North Carolina.

No. 90. Practical Stock Feeding, pages 22. This bulletin gives composition of various feeding stuffs, the nutritive ratios, the digestible portions, tables of feeding standards, the calculation of rations, the full values of fodder and the comparative values of feeds—a valuable bulletin for the practical feeder who desires to understand what he is about.

No. 91. Some Experiments in Wheat Culture, pages 20, cuts 3. Describes the effect of plowing under a crop of ripe cow peas vines for manuring for wheat during a succession of four years on the same ground. The average gain due to this manuring for a series of years per acre was:

No. 92. Culture of Orchard and Garden Fruits, pages 150; 151 cuts illustrate the text. Practical methods for the planting and after treatment of orchards and vineyards also description of the various insects and fungous pests affecting the growth of trees, vines and small fruits, and methods to destroy them.

No. 93. Feeding Experiments, 46 pages. Includes experiments in fattening stock for beef with cotton seed hulls and meal; feeding with corn silage and soya (soy) bean silage with cotton seed meal; also feeding an exclusive milking ration, and a discussion of what is a maintenance ration.

No. 94. Horticultural Tests and Results with Various Vegetable Fruits and Herb Culture, pages 20. Gives tests of cabbage, melons, garden corn, cucumbers, egg plants, lettuce, onions, Irish potatoes, tomatoes, strawberries, raspberries, blackberries, blueberries, tubers, lilies, gladioli, early hyacinths and roses.

No. 95. The Fertilizer Control during 1908; pages 33; includes official analysis of fertilizers and full description of ingredients in fertilizers and their analysis. This bulletin describes the materials of which fertilizers are made and the method for arriving at the valuation of the ingredients by the Experiment Station, and how to calculate the values per ton reckoned upon the percentages of the three valuable ingredients. Correct freight rates are given to 56 important points in North Carolina from Wilmington, Norfolk, Charleston and Richmond.

No. 96. Miscellaneous agricultural topics contained in the press service bulletins; pages 32; many practical points of value to the agriculturist are given in plain language. A feature of the bulletin is the collection of the questions and replies upon important farm subjects.

No. 97. Direction Experiments; pages 48; the results are detailed in plain language in a few pages in the beginning, so that a tired man can reach the conclusion at once. For the detailed scientific details and investigations, tables are given showing how the above results are reached. The digestion work covers feeding with soy soya bean hay, cat-tail millet, Johnson grass hay, sorghum and vetch hay, cowpea vetch hay, cotton seed meal, cotton seed hulls, crimson clover hay, corn meal, corn and meal and corn silage.

No. 98. North Carolina agricultural topics contained in the press service bulletins; pages 32; many practical points of value to the agriculturist are given in plain language. A feature of the bulletin is the collection of the questions and replies upon important farm subjects.

The North Carolina Experiment Station during 1908 had under competition ten varieties of the former and eight of the latter. The experiment has been completed and the results published in bulletin No. 98, which is now being mailed in time to benefit farmers who sow these crops spring. Here it may be said that the "unknown" pea has upon dry, medium and wet soils given by far the best results, out yielding all others, both in fruit and foliage. This pea is also the latest to mature. For second place the contest is between the black pea and the red ripper, both of which are excellent and medium early. The earliest of all is the speckled or whippoorwill pea. The "unknown" in Georgia, sometimes called in Louisiana and Woods "wonderful," are in all respects identical—they are one and the same variety.

DOCTORS often fail TO Cure.

Eminent specialists are consulted in vain, change of scene and climate have no effect. Your case seems hopeless. Do not despair. The ELECTROPOISE cures such cases. Read the testimony of North Carolina's best citizens.

Churn the mixture for ten minutes, until it becomes a thick cream. Then dilute with four quarts of cold water and use. Mixing with a stick will not be as easy as colling the oil will separate and rise to top. When well done the emulsion is ready to use. Do not dilute with water, but use pure.

The North Carolina state weather service issues the following advanced summary of the weather for February, 1909, compared with the corresponding years, and the comparative values of feeds—a valuable bulletin for the practical feeder who desires to understand what he is about.

No. 99. Seven varieties of wheat were also tested, together with the depth of planting. It was found that three inches was the best depth. Best varieties were the following: Winter Green, Tappan, and Kismet and Palestine.

No. 100. Grapes and Blackberries for Market. There is money in raising grapes for market. What a few varieties are best to plant in the North Carolina climate.

Questions and Replies. The Station will be glad to receive questions on agricultural topics from any one in North Carolina who may desire to ask for information.

How to Deal With the Potato Beetle and Cabbage Worms. What is the best remedy for potato beetles? What is the best remedy for cabbage worms?

Fire Blight of Apple Tree. I send you specimens of apple trees from my orchard which were killed by fire blight. The disease attacks both trunks and twigs.

When Baby was sick, we gave her Castoria. When she was Old, she cried for Castoria. When she became Child, she clung to Castoria. When she had Children, she gave them Castoria.

Many Persons are broken down from overwork or household cares. Brown's Iron Bitters rebuilds the system, aids digestion, removes excess bile and cures malaria. Get the genuine.

Probably the worst pest of the cabbage field is the so-called "cutworm" or "terrapin bug," murgantia histrionica. This pest is practically proof against known insecticides and must be hand picked.

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MOTHER'S FRIEND. Lessons Pain, Injuries Safety to Life of Mother and Child. My wife, after having used Mothers' Friend, passed through the ordeal with little pain, was STRONGER IN ONE HOUR than in a WEEK after the birth of her former child.

AN OBSCURE MORAL. An Obituary Journal Gets Something of the Making McKinley Journal of Ohio recently protested philanthropically against the enactment of the Wilson bill upon the ground that it would reduce the wages of workmen in Europe.

Gov. Waite Will Call Out Troops Again. DENVER, Col., March 31.—News leaked out here this morning which leaves no doubt Governor Waite is preparing to call out the troops against the riotous mob.

INFLUENZA. Or La Grippe, though occasionally epidemic, is always more or less prevalent. The best remedy for this complaint is Ayer's Cherry Pectoral.

ACME ROADSTER \$55. Guaranteed same as agents sell for \$75 to \$100. ACME ROAD RACER, 25 lbs. \$80. WOOD-RIMS.

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CONDENSED SCHEDULE. IN EFFECT AUGUST 13, 1898. Lv Richmond... Lv Salisbury... Lv Greensboro... Lv Durham... Lv Raleigh... Lv Winston-Salem... Lv Greensboro... Lv Salisbury... Lv Durham... Lv Raleigh... Lv Winston-Salem... Lv Greensboro... Lv Salisbury... Lv Durham... Lv Raleigh... Lv Winston-Salem...

NORTHBOUND Nos. DALLA. 36 & 10. No. 15. Lv Augusta... Lv Columbia... Lv Charleston... Lv Atlanta... Lv Savannah... Lv Jacksonville... Lv Montgomery... Lv Birmingham... Lv Mobile... Lv Pensacola... Lv Tampa... Lv Orlando... Lv Miami... Lv Key West...

BETWEEN WEST POINT AND RICHMOND. Leave West Point 5:00 A.M. daily, and 8:50 A.M. daily except Sunday and Monday; arrive Richmond 8:00 A.M. daily. Returning leave Richmond 8:10 A.M. daily except Sunday; arrive West Point 8:00 and 6:00 P.M.

BET RICHMOND AND RALEIGH VIA KEYSVILLE. Leave Richmond 12:40 P.M. daily; leave Keysville 4:30 P.M.; arrive Oxford 5:45 P.M.; Henderson 7:10 P.M.; Durham 7:15 P.M.; Raleigh 6:50 A.M. Returning Raleigh 1 A.M. daily, Durham 6:15 A.M., Henderson 7:30 P.M., Oxford 7:45 A.M., arrive Richmond 10:10 A.M., Richmond 1:45 P.M. daily.

SLEEPING-CAR SERVICE. On Trains Nos. 35 and 36, Pullman Buffet Sleeper between New York and Atlanta. On No. 35 and 36, Pullman Sleeping Cars New York to New Orleans, New York to Augusta and Washington to Memphis, and Dining Car New York to Montgomery.

LOST! A large amount of money is lost annually by parties purchasing fruit trees, roses, &c. Get them from a firm that grows their own trees, sends out nothing but good stock and sells at reasonable prices.

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