

Beef Cattle and Beef Production in This State

Agricultural Bulletin Issued Yesterday Gives a Comprehensive Treatise

The July number of the North Carolina Agricultural Bulletin issued by the State Board of Agriculture, came from the presses of the State printers yesterday and is devoted exclusively to a very valuable and exhaustive treatise of "The Breeds of Beef Cattle and Beef Production in North Carolina." The edition is 25,000 and it will be given an especially general circulation for the purpose of awakening interest in this important industry and directing those farmers and others who undertake the raising of cattle in such a way as that they may attain the greatest possible results.

The following introduction from the Bulletin will be of interest: "Numerous inquiries for information concerning the breeds of beef cattle and other problems relating to live stock husbandry received by this department indicate that there is in this state, just at this time, an unusual interest in the subject of beef production. This interest is not confined to the farmer, but extends to the highest circles of the community, being the highest since 1882, and reaching on July 10, 1902, 8.75 per hundred pounds live weight. These high prices make it apparent that on the cheap lands of North Carolina, with their natural tendency to grass growing, cattle could be raised at a profit far in excess of that realized from the present system of agriculture. It is also being realized, as northern and European feeders become better acquainted with the merits of cotton seed meal as a cattle food, and year by year gradually force its price higher and higher, that it is becoming too expensive to use as fertilizer unless its foot value can also be utilized before getting into soil. The farmers of this State use about \$2,000,000 worth of cotton seed meal for fertilizer and thereby waste \$2,000,000 worth of the best cattle food known to the civilized world. Considering the price of other food stuffs, some seed meal is now selling for more than 25 per cent below its real value, while if fed to cattle fully 75 per cent of the fertilizer constituents are removed on the farm, thus making it apparent that the \$2,000,000 spent annually for cotton seed meal, to be used as fertilizer, as a direct and positive waste of \$2,000,000 worth of cattle food.

The importance of these facts, and others of a like nature, is becoming more fully realized by the farmers of the State, and they are asking in rapidly increasing numbers for information on live stock subjects. To, in a measure, supply this demand, the Bulletin on the breeds of beef cattle and other subjects relating to beef production, this Bulletin has been prepared. The first step towards the successful raising of beef cattle is the acquisition of a correct knowledge of the essential attributes of the best beef producing animals. The quickest and surest way to obtain that knowledge is to have the qualities which tend to the highest excellence in beef production pointed out by one who knows, using a good type of the live animal for illustration. A less satisfactory method, but one which must frequently be resorted to, is to read a good written description of the ideal beef form, study the best photographs of high-class animals, and compare both of these with the best specimens of the live animal that are available. While, as stated, this latter method is not so satisfactory as the former, still any intelligent man can, by following it for a sufficient time, finally become perfectly familiar with the accepted beef type or form. This general accepted beef type does not belong to any particular breed of cattle, but nevertheless it must be possessed by any animal to bring the highest price on the market, or, what amounts to the same thing, produce the largest proportion of the best beef. For the present we will well accept this fact and devote our attention to a detailed description of what constitutes this best beef type or form.

There follows on a complete tabulated statement of the dimensions of the best forms of cattle for beef accompanied by a profuse illustration. Another section of the treatise discusses the merits and demerits of various breeds of cattle for beef purposes. From the heading "Pastures," the following is taken: "There is no doubt but the cheapest way to maintain and grow beef cattle is on pasture, and in those sections where the best beef is made land seems to be becoming too high-priced for this purpose. In some of the Northern States and Europe land valued at from \$200 to \$250 an acre is used for pasture for the purpose of interest, and a few cents in North Carolina there are thousands of acres that can be bought for from \$10 to \$15 per acre that with proper management during an average season and pastured with good cattle will produce much beef in one year to nearly pay for itself. To do this, however, it would be necessary to give considerable attention to preparing them for pastures and maintaining them in good condition frequently. But, with us, a pasture too frequently means a worn-out field, a much less or mountain side, or a low swamp that will produce but little, if indeed its stagnant water does not serve to breed a breeding ground for disease-producing agents. Such land will not produce sufficient pasture in quantity or quality to fatten good cattle. Even an acre that will no longer pay in corn or cotton will not yield pasture that will grow 200 to 300 pounds of good beef during a season without considerable preparation and fertilization. Unfortunately, the idea very generally prevails that it will not pay to use our

best lands for pasture and the growing of forage crops for the feeding of cattle. Yet there can be no doubt that in a properly balanced system of agriculture one of the principal, if indeed not the principal, object of the farming operations should be the growing of food crops for live stock. Until the erroneous idea that only those having large tracts of cheap land can make cattle-growing profitable is completely dissipated and the small farmers begin raising a few good cattle and abundance of forage to feed them, we can never lessen that burdensome fertilizer tax of \$6,000,000, now annually paid by the State, and put our agriculture on a permanently successful basis."

It would be impossible to give anything like a comprehensive synopsis of the Beef Cattle Bulletin, treating as it does every phase of the industry. Every farmer in North Carolina should make it a careful study.

LOCAL PARAGRAPHS

The rate of the Seaboard Air Line excursion to Norfolk Tuesday, September 2, will be \$2.25 for the round trip instead of \$2.50. The train leaves at 9 p. m. Returning leaves Norfolk at 10 a. m., September 4th.

The week-end rates to Norfolk, Wilmington and other resorts via the Seaboard Air Line will be withdrawn from sale after August 31.

The last excursion of the season by the S. A. L. will be run to Norfolk, September 1. Fare for round trip from Raleigh \$2.25. This will be the last chance for a trip at such greatly reduced rates.

Seventy-four bales of new crop cotton were sold on the Raleigh market yesterday. Mr. Burt Wilder, one of the largest cotton growers in the county, sold ten bales.

Master William Whitaker, who was injured by a fall Friday night and, it was feared, sustained serious injuries, is getting along finely and it is believed he is out of danger.

Capt. Morson's academy will open promptly tomorrow morning. All pupils are asked to be present.

Rev. Lawrence B. Greenwood, the singing evangelist, will preach at the Tabernacle Baptist Church today at 11 o'clock. Rev. Lea G. Broughton of Atlanta will preach in the same pulpit at the evening service. Public cordially invited.

READY FOR FOUR HUNDRED STUDENTS

The A. & M. College Opens Next Wednesday

The A. & M. College is ready for 400 students, and that number is expected on the opening day next Wednesday. The carpenters have been busy enough the last week, finishing up Watauga Hall. About a dozen students have done the carpentering, and have made enough money to carry them through the coming year. In a couple of months more Eakin Hall will be finished, which will add accommodations for 100 more students; making a total of 500 for the year. If there were room to accommodate them, the number would easily pass a thousand. Industrial education is in the air, and the A. & M. College is promoting it along the three great lines of North Carolina's development, to-wit: Cotton manufacturing, agriculture, and the various mechanical and engineering arts, trades and professions.

The textile building and the textile department are now fully equipped, and machinery has been coming in all summer; students have been applying all summer; additional instructors have been added, and soon the whirl and hum of spindles and looms in the textile building will mark the beginning of a new and great era both in North Carolina's industrial development and in her educational system.

The agricultural department of the college has grown amazingly. Two new instructors in dairying, animal industry and soil physics have been added, and now the agricultural faculty includes some of the strongest men in the country, not only thoroughly trained scientists, but practical agriculturists. President Winston expects during the year 150 students in agriculture alone.

The mechanical and engineering departments have been strengthened by additional instructors in drawing, mathematics and engineering. These departments have always been strong and popular, enrolling more students heretofore than all the others; but this year they will be close pushed by both the agricultural and the textile departments.

The faculty of the college are at their posts, having returned from summer work at Harvard, Cornell and Ohio University. They have been as busy as bees all summer, and now they come with new power and zeal and inspiration. Most of last year's students have been working all summer; the textile students in cotton mills; the agricultural students on farms and in dairies; the electrical with northern electric companies; the mechanical and civil engineering with construction companies, in draughting and designing rooms, in machine shops, and in railroad. The A. & M. boys as a rule do as much work in vacation as during the session, and come back to college with heads, hands and pockets full of books all strengthened by the vacation.

The Post man asked President Winston how many students the college will have in 10 years, if it is properly equipped with dormitories, teachers and apparatus. He said: "The necessity for improved agricultural work is so great during the next decade, 500 students in agriculture; the multiplication of cotton mills and the necessity for producing finer fabrics, requiring finer skill, will send 500 students to the textile department; and

the various other mechanical and engineering lines (electrical, mining, civil, chemical, mechanical, architectural, etc., &c.) will attract from 500 to 1,000, making a possible total of 1,500 to 2,000 students. This may sound a little big, but a State with so many and so varied natural resources as ours and with so large a population should keep four or five thousand young men annually in preparation for industrial life."

You Know What You Are Taking
When you take Groves' Tasteless Chills Tonic because the formula is plainly printed on every bottle showing that it is simply iron and quinine in a tasteless form. No cure, no pay, 20c.

SERVICES AT THE CHURCHES TODAY

CHURCH OF THE GOOD SHEPHERD.
Sunday school at 9:45 a. m. Morning service and sermon at 11 a. m. Evening service at 6:30 p. m.

FIRST BAPTIST CHURCH.
Preaching at 11 a. m. and at 8 p. m. by Rev. John E. White, D. D. of Atlanta, Ga. Sunday school at 9:30 a. m.; dial invitation is extended to all friends to be present at these services.

EDENTON STREET METHODIST CHURCH.
Sunday school at 9:30 a. m.; Joseph G. Brown, superintendent. At 11 a. m. and 8 p. m. by Rev. T. N. Ivey, D. D. Epworth League will meet Monday night; Rev. J. R. Johnson, president.

PRESBYTERIAN CHURCH.
Rev. E. Daniel, D. D., pastor. Services at 11 a. m. and 8:15 p. m. Sunday school at 9:30 a. m. Seats are all free. Ushers in attendance. A cordial invitation is given to attend at 11 a. m.

CENTRAL METHODIST CHURCH.
Rev. G. T. Adams, pastor. Sunday school at 9:30 a. m.; L. H. Woodall, superintendent. Preaching at 11 a. m. and 8 p. m. by the pastor. Epworth League meets every Monday night; D. A. Pierce, president. The public cordially invited to all the services of the church.

POPULAR AS EVER

Buffalo Lithia Springs the Shrine of Health and Pleasure Seekers

Correspondence of The Morning Post. Buffalo Lithia Springs, Va., Aug. 30.—As in "the halcyon days of yore"—the period extending from 1830 to 1860—the Buffalo Lithia Springs is still the shrine to which the rest, health and pleasure seekers of the border counties of North Carolina and Virginia wend their way to spend midsummer's hot and sultry days. Here met the leading social and political lights of the two States in a friendly confab, in years ago, to which is largely due that unity of feeling which so closely binds them today.

With these conditions, it is not strange that for three-quarters of a century North Carolina has had more visitors to the springs than any other State save Virginia, being nearest and the first to recognize its health-giving properties, the ennobling influence of the moral and intellectual atmosphere, together with great restfulness of its homelike quiet.

The management here is the same as for many seasons past. Congressman Charles R. Thomas of New Bern, Alex. J. Alexander, chief in the office, with the same efficient corps of assistants, and all strive to make the sojourn of the guests enjoyable.

Colonel Alexander is a true type of the Southern gentleman—courteous and solicitous as to the wants of all, even the children; and though he says generally in the way between the people around with the agility of a youth attending to the many needs of the large household.

The Old North State has sent this season its usual quota of charming people, many of whom have brightened the hours of the invalids with music and in other ways, and added pleasure to all present. Miss Carrie Oxborn, a most accomplished pianist, and her brother, Mr. E. P. Hobgood, Jr., who sings beautifully, have endeared themselves to all during their stay.

Congressman Charles R. Thomas of New Bern, Maj. John W. Graham of Hillsboro, Maj. and Mrs. George P. Collins of the same town, Misses Mary Belle and Fannie Grogan of Oxford, and many others from North Carolina have been among the most popular guests here this summer. The high-water mark of the season was reached about ten days since, but while many have departed, others come, and those of us who remain regret that in one more month only the memory of the 1902 season of the Buffalo Lithia Springs will be with us. Some of those who have departed lately are: Mr. and Mrs. J. B. Deardorff, Boydton, Va.; J. T. West, H. W. Shelton, Dr. George F. Keese, Mrs. J. Allison Hodges, Richmond, Va.; William D. Seymour, Clarksville, Va.; Gen. and Mrs. J. C. Hill, Scottsville, Va.; R. H. Edmondson, South Boston, Va.; Mrs. Mary A. Hancock, Miss E. H. Hancock, San Antonio, Tex.; Mrs. F. W. Henderson, Brownsville, Tex.; Charles T. Cunningham, New York; Mrs. O. H. P. Corprew, Fayette, Mo.; H. C. Hammond, Pittsburgh, Pa.; Mr. and Mrs. C. W. Hayes, Washington, D. C.; Mr. and Mrs. Daniel Briscoe, Hillsville, Tenn.; W. C. Willard, Columbus, Ohio.

In Business for Himself
Mr. A. C. Hinton, a well-known and popular clothing salesman, has resigned his position with Messrs. Cross & Linehan and will open a merchant tailoring establishment, occupying rooms in the Carolina Trust building. Mr. Hinton will represent one of the largest and most reliable tailoring establishments in the country and will keep on hand a full line of the latest and most fashionable goods. He is a popular young man and will doubtless do a large business.

The Best Prescription for Malaria
Chills and Fever is a bottle of Groves' Tasteless Chills Tonic. It is simply iron and quinine in a tasteless form. No cure, no pay. Price 50c.

The Supreme Court
Appeals argued yesterday were: Ayers vs. Makely, by Charles F. Ward for plaintiff; G. W. Ward and Rodman for defendant.
Hudnell vs. Lumber Co., continued by consent.
Appeals from Second district will be called on Tuesday.

IMPORTANT MOVE FOR COTTON DEALERS

Barbee & Co.'s Direct Wire to Chicago and New York

An important step is being taken by Barbee & Co., cotton brokers of the city, one that will greatly expedite trading in cotton, both spot and futures. Fully alive to the needs of their customers, both in Raleigh and other cities and towns throughout this section, they have leased the building adjoining their own building in Wilmington street and are fitting it up with connecting doors to facilitate the transaction of business.

In addition to increased office room they will on Tuesday, September 2, open a regular brokerage department with direct telegraph wires to both Chicago and New York exchanges with their own operator in charge of the local office wire. The wires are all in and connected direct with Messrs. Ware & Leonard in Chicago, members of the Chicago Board of Trade and New York Cotton Exchange, and immediate connection with the exchange in New York. By this means customers dealing in spot cotton or futures will be enabled to obtain quick, direct and positively accurate information of all transactions.

This stroke of enterprise on the part of Messrs. Barbee & Co. literally supplies a long felt want. By reason of their excellent arrangements and the service they will give, both buyers and sellers can obtain instantaneous quotations that may be relied upon as absolutely correct. The dealer will practically have all the advantages of being present in person in the great trade centers of New York and Chicago.

This movement opens up the field to traders in the smaller towns surrounding Raleigh in fact almost every town in eastern Carolina. Nearly all have telephone communication direct to Barbee & Co.'s office and it is their aim, to keep all enquirers posted to the minute on market quotations. It is a big move forward and will make for the direct advantage of all dealers in cotton, either spot or futures, who desire to profit by accurate knowledge of the situation every day and hour and minute. It will be a means of keeping posted that has not heretofore been offered the people of this section and the enterprising promoters deserve the success that will unquestionably follow their efforts to give the quickest and most accurate service.

ANNOUNCEMENTS OF DEMOCRATIC SPEAKINGS

Hon. Claude Kitchin will speak at Wilson September 2d.
Hon. E. Y. Webb and Judge A. C. Avery will speak at Bakersville September 2d.
Hon. J. M. Gudger, Jr. will speak at Robbinsville September 2d.
Hon. Robert W. Winston will speak at Greensboro September 2d.
Hon. J. H. Small and George W. Ward will speak at Currituck Court House September 2d.
Hon. Dan Hugh McLean will speak at Red Springs on September 6th.
Hon. Dan Hugh McLean will speak at Lumberton on September 9th.
Hon. E. J. Justice will speak at Ruthersford on September 2d.
Hon. Claude Kitchin will speak at Jackson, Northampton county, on September 1st.

Hon. J. H. Small and W. T. Dortch will speak at Greenville on Thursday, September 4th.
Hon. Lee S. Overman will speak at Troy on Tuesday, September 23d.
Hon. Jas. A. Lehart will speak at Rockingham on Tuesday, September 2d.
Hon. George W. Ward will speak at Camden Court House on Monday, September 8th.
Hon. J. L. Dixon will speak at Tarboro on Monday, September 8th.
Hon. John H. Small will speak at Camden Court House on Monday, September 8th.
Hon. Locke Craig will speak at Shelby on Monday, September 1st.

Hon. W. W. Kitchin and Hon. G. R. Patterson will speak at Dunn, Harnett county, on Monday, September 15th.
Hon. E. Y. Webb will speak at Dallas, Gaston county, on Tuesday, September 9th.
Lieutenant Gov. W. D. Turner will speak at Dallas, Gaston county, on Tuesday, September 9th.
Hon. R. N. Page will speak at Wadesboro on Tuesday, September 9th.
Hon. W. T. Crawford will speak at Asheville on Tuesday, September 9th.
Hon. Ammiel Jamieson will speak at Goldsboro on Monday, September 8th.

The Lonely Widow

The company rehearsing the farce comedy, The Lonely Widow at the Academy of Music gave a full dress rehearsal last night to which the members of the press were invited. The play abounds in funny situations, the lines are bright and the comedy clean. The musical numbers of which there are many were very good. The specialties introduced during the action of the play are refined and pleasing.

The company numbers fourteen people in the cast and are very capable artists. The comedy will be sure to please theatre goers and the Post predicts for it a very successful season.

Daughters of Revolution

There will be a meeting of the N. C. Society Daughters of the Revolution in the society room (Carolina Trust building), Tuesday, September 2d, at 5 p. m. The meeting is called to consider a business proposition which promises a substantial addition to our memorial fund, and you are earnestly requested to attend. Mrs. T. K. BRUNER, Secretary.

Masonic

Hiram Lodge No. 40, A. F. and A. M., will meet in regular communication Monday evening, September 1, 1902, in Masonic Hall, at 8 o'clock. Brethren of the lodge are requested to be punctual. Work in the first degree. Members of sister lodges and visiting brethren in the city are cordially invited to be present. T. B. WOMACK, W. M. E. B. THOMAS, Secretary.

Richard Busbee Improving
The many friends of Mr. Richard Busbee, son of Mr. F. B. H. Busbee, will be pleased to learn that he is steadily improving. His father informed the Post last night that his temperature

was about normal and his condition as favorable as could be expected. He has had no set back at all and his early and complete recovery is confidently expected.

Littleton Female College

Littleton Female College, (Littleton, N. C.), is now practically certain of the largest opening September 17 in the history of this popular school. This institution has an unusual record; it has already more than doubled its capacity and patronage in the last four years, and now every indication points to another very large increase of patronage.

Sunday Hours Tomorrow

Monday, September 1, being Labor Day, a national holiday, Sunday hours will be observed at the post office. C. T. BAILEY, P. M. Yancey.

ACADEMY OF MUSIC

OPENING OF THE SEASON
Tuesday, September 2

THE AL G. FIELD GREATER MINSTRELS

The Name a synonym for all that is Great in Minstrelsy.
\$10,000 FIRST PART
BIG COMPANY OF COMEDIANS, Including Al G. Field, John N. Phillips, Doc Quigley, Tommy Donnelly, Wm. Murray, Sam Goldman, Tommy Hyde and other well-known fun-makers.
Famous Faust Family FAMOUS FAUST FAMILY of Australian Acrobats.
MUSICAL MIGNANI FAMILY. ORIGINAL CLIPPER QUARTET. International Singing Congress. Tropical Travesty. "KING OF THE FILIPINOS."

Burt Cutler's Military Band. BIG STREET PARADE. DAILY BAND CONCERTS. Seats no won sale. Regular prices.

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MONUMENTS
Write for catalogue. We pay the freight.

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AFTER TAKING
INVENTORY

We find that we have more suits for NOW and the EARLY FALL than we will carry over. If you want a bargain in these NOW is your opportunity. THEY MUST GO. We invite you to take a low at

OUR SHOW WINDOW

this week. We will show you a few of the patterns that will represent our stock for the FALL SEASON. These goods you will either find in stock or made to order by the best tailors in the country. They embrace both foreign and domestic weaves, and you cannot afford to pass them by without examining them carefully. We can save you money.

DUNLAP HATS.

Opening Day Thursday, August 28th.
CROSS & LINEHAN CO
UP-TO-DATE CLOTHIERS AND FURNISHERS.

RALEIGH AGENCY for ACID IRON MINERAL

PICKLING AND PRESERVING
Mixed Pickle Spice, 5 cents.
American Preserving Powder and Liquid, 25 cents.
Compound Extract of Salsy, \$1.25.
Get our prices on All-spice, Black Pepper, Cayenne Pepper, Celery Seed, Cinnamon, Cloves, Ginger, Mace, Mustard Seed, Nutmegs, Salliey Acid, Turmeric, etc. Everything "King Quality."

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FOR INFORMATION ADDRESS

J. D. BOUSHALL,

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at the Pan-American Exposition appointed to pass upon the merits of the articles exhibited have pronounced:

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The North Carolina Home Insurance Company,

OF RALEIGH, N. C. ESTABLISHED 1868.
The Leading North Carolina Company.
Over \$1,000,000.00 Losses Paid in North Carolina.
Insure your property against fire and lightning in this "old and reliable" company. It is a home institution, seeking home patronage; it has been successful in business for more than thirty years; it is safe, solid, reliable and worthy of confidence. In patronizing it you help to build up North Carolina. Agents wanted in unoccupied territory.

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AFTER TAKING
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We find that we have more suits for NOW and the EARLY FALL than we will carry over. If you want a bargain in these NOW is your opportunity. THEY MUST GO. We invite you to take a low at

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