

FARMERS ATTEND DEMONSTRATION

And Much Interest is Manifest in Cotton Oil Mill's New Venture

About thirty farmers saw yesterday the public demonstration of soy bean oil and meal manufacture at the plant of the Elizabeth City Oil and Fertilizer Company and listened to the explanation of government experts as to the possibilities of this new industry in this country. The number would have been very much larger but for the exceedingly inclement weather and the muddy roads.

The soy bean was substituted for cotton seed without any change of machinery whatever, and the steps of the process of manufacture are fairly familiar to every farmer. The beans are first put through a cleaning machine after which they are ground, the resulting product resembling sawdust and having about the same texture. This "meal" has the characteristic soy bean flavor, distinct but rather suggestive of the ordinary field pea.

This "meal" is then put in the presses and the oil extracted, the yield of oil varying from eighteen to about twenty three per cent. The residue is soy bean "cake" which in turn is ground into soy bean meal. The meal is more palatable than the meat, suggesting dry milk or ground peanuts. It has about the texture of finely ground corn meal.

The Elizabeth City cotton oil mill has been at work all this week manufacturing both oil and meal, handling about twenty tons of the beans a day. The present outlook for marketing these products is extremely bright, one hundred tons of meal having already been sold and of the oil all that has been extracted has been disposed of. Up to this time the Elizabeth City Oil and Fertilizer Company is the only concern which has actually begun operations in the manufacture of soy beans on a commercial scale. But other oil mills in this section have been buying soyas extensively and as soon as they clean up their work in cotton seed they will begin the manufacture of soy bean oil and meal. Both the State and the Federal departments of agriculture have been working toward the end of inducing the cotton oil mills to extend their active season by the substitution of the beans for cotton seed. How long the mills will run after the manufacture of soy bean products is undertaken depends on their ability to secure the beans in sufficient quantity and at such a price as will make the manufacture of soy bean meal and oil a paying business.

The soy bean was introduced into this country in 1882, and since that time the production has steadily increased. North Carolina produces more of these legumes than any other state in the Union, and the bulk of the State's production is grown in this eastern section. The production this year goes far beyond that of any previous year, because in the effort to curtail the cotton acreage last year the farmer's attention naturally turned to the soy bean, which here is regarded as a better crop than corn. It is also more certain, for the yield of soyas is good be the year wet or dry or normal.

But with greatly increased acreage and production this year there was felt considerable uneasiness as to how the crop of hundreds of thousands of bushels was to be marketed. Heretofore the farmers have relied on the seedmen to buy their soyas, but it was evident that there were many times enough beans to supply the demand from that source. Thoughtful farmers were much concerned

PARDONED BY GOVERNOR GOES BACK TO ROADS

J. B. Sylvester refused yesterday morning a conditional pardon from the Governor. Sylvester was convicted of immoral conduct in police court here some time ago and the court adjudged that he should pay a fine of fifty dollars and give justified bond for future good behavior in the sum of two hundred dollars. The defendant abused liberties granted him and left the town for Virginia.

The conditions of the pardon are practically the same as were imposed by the trial judge, with the exception that under the terms of the pardon Sylvester must appear at regular intervals before Judge Sawyer for the next two years and show good behavior. His family have been at some pains and expense to secure his release.

NEW PASTOR AT HERTFORD

Hertford, December 15—Rev. W. H. Carter, the new pastor of the First Baptist Church, preached his sermons to good congregations at his church Sunday.

He is regularly in charge here and his people are much pleased with him. Mr. Carter comes

THOMAS—HUNTER

Hertford, December 15—Mr. I. N. Thomas of Elizabeth City, N. C. and Miss Bessie Hunter of this city were married Tuesday evening at half past seven o'clock at the home of the bride. The ceremony was performed by Rev. W. H. Carter.

Mr. Thomas is a well known business man of Elizabeth City.

Rev. J. A. Willoughby of Map's was in the city Thursday.

over the situation and were asking how it was to be met.

It was at this crisis that the State and Federal Departments of Agriculture stepped in to the aid of the farmers in this section. Men were sent into the field to look into the situation and gain some idea of the quantity of beans grown this year. The oil mills were induced to take up the manufacture of soy bean products. As a result, whereas a short time ago the price of the soy bean was nominal, they are today firm at a dollar a bushel.

When one considers the fact that soy bean oil is imported into this country in large quantities from Manchuria, when he is told that this product is now used in large quantities by manufacturers of the high grade soaps in the United States, when he learns that a factory has recently been equipped in New York for the manufacture of soy bean milk and that from this milk a condensed milk and cheese can be manufactured, he begins to see the possibilities of this new industry which is just opening up in North Carolina. Then he hears that it was not until the Russo-Japanese war that the soy bean products were imported into Europe and that at this time there is a big demand for the meal in all the dairying countries of that continent, while in England the oil as a solid is taking the place of fats in the kitchen to such an extent as much of it is now used in all other fats and oils combined, he begins to wonder if the manufacturers of soy bean products in North Carolina may not become an important industry as is to day the manufacture of cotton seed products.

In England already the bankers are selling soy bean biscuit and soy bean bread. At Tappan, New York, soy bean flour is prepared which mixed with condensed milk is recommended as a food for infants; while made into muffins it is described (being free from starch and having little sugar) as an ideal food for diabetics.

In short, there seems to be no doubt that there is a market for soy bean products if North Carolina cotton oil men can get in touch with it.

CHATHAM IS AN EXAMPLE OF CO-OPERATION IN STATE

Chape. Hill, N. C., Dec. 15—The model co-operative county in North Carolina is Catawba. The people of that county have not only waked up to the possibilities which may be obtained through co-operation, but they have gone to work with so much spirit that they have won the honor of being ranked as the finest model of co-operation in the South. Co-operation among the farmers may be divided into three general classes: co-operative production, co-operative marketing, and co-operative societies for banking. The farmers of Catawba county have developed each of these to some extent.

The first step towards co-operation taken by the Catawba county folk was the founding of the Catawba Co-operative Creamery in 1910. The total initial investment in this creamery was only \$1300. When the business began, the number of patrons was 38. The first month's operations produced sales of butter to the amount of \$940. Three thousand pounds of butter were made during the month. By the end of the first year the amount paid to the patrons had reached \$14,868. The second year witnessed a marked increase both in the number of patrons and in the amount of business. The amount paid out for butter fat this year was \$23,015. The Creamery Company was incorporated in 1912 with an authorized capital stock of \$50,000. It was, and still is, a requirement of the company that at all times 75 per cent of the stock must be owned by the farmers. At the present time, only ten shares are held by others than farmers.

The great success of the creamery could not fail to impress the farmers of Catawba county with the importance of co-operative enterprises; and so, they have hastened to form other such associations. In 1913 The Catawba County Sweet Potato Growers' Association was organized with a membership of 60. The Association had three purposes in organization: first, to increase the production of sweet potatoes; second, to improve their quality; and third, to standardize the package for their shipment. The Association has been growing steadily and is meeting a long-felt need in Catawba county.

But the Catawba county farmers do not limit their co-operation to enterprises merely for the sale of their products; he also applies the principle of co-operation to the supplies that he purchases. In order to supply this need the Farmers' Union Warehouse Company was incorporated in 1913 with an authorized capital stock of \$25,000. This warehouse is a wholesale warehouse for all the farmers in the county. It handles such articles as fertilizers, seeds, implements, wagons, buggies, and harness. The farmers produce may be also marketed through the warehouse. Last year the warehouse did a \$2500 business.

More instances of improvement might be cited. But what has been shown should be enough to convince the most sceptical that the county has greatly improved, and that the most powerful single influence in bringing about this improvement has been the practical operation of the principle of co-operation in the various farming industries of the county.

VISIT FROM MR. HUGHES

Rev. N. Collins Hughes of Raleigh, who is in charge of the work at the State Farm farm for prisoners will tell of this work at Christ Church next Sunday morning and at the First Baptist Church Sunday night. Mr. Hughes has been able to do a great deal for the prisoners and the public is invited to hear him tell of this work.

FOR SALE: Double seated trap. In good condition. Apply to N. G. & Company 11 and

SUCCESSFUL PECAN CULTURE ON ROBINSON'S CAMDEN FARM

In the window of Deans Confectionery and Luncheonette this week are to be seen specimens of especially perfect homegrown pecans. These nuts are of the Money-Maker, Van Demon and Stewart varieties and were grown on the farm of C. O. Robinson in Camden County.

Mr. Robinson's pecan orchard probably has a larger number of bearing pecan trees than can be found anywhere in the State. Seventy-five trees are bearing for the first time this year, and though from these few nuts will be gathered other areas have been bearing for several years, and some are nearing the real producing period.

A number of years ago Mr. Robinson began to experiment with pecan culture, planting first a number of home grown nuts. When a sturdy beginning had been made by these trees they were budded with trees of the better varieties of nuts. In this way, with the root system undisturbed, they had all the vigor of the native pecan trees and at the same time will produce the fancy varieties of nuts. When the budding was done, Mr. Robinson set out a few trees that were left over from the budding process and watched the development of these in comparison with his home stock budded trees. In a short time the budded trees had passed the imported variety in growth and have continued to show greater vigor.

Mr. Robinson's experiment, requiring as it has, much patience and care, is of interest in this section and State, and his success will doubtless encourage the culture of the pecan here and add another to the long list of home grown products.

BASKET BALL FRIDAY NIGHT

The Y. M. C. A. basket ball team will play the boys high school team at 7:45 tonight on the Y. M. C. A. floor. A snappy game is expected and a good crowd. Both teams have been practicing considerably this fall and are in good shape for lively playing.

The line up follows:
Y. M. C. A. Position High S.
Cropsey F Woodley
Griffin
Evans F LeRoy
Weatherly C Williams
Brothers
Jackson G Chesson
Bundy G Boettcher

SECURES LIBERAL SUB- SCRIPTIONS

Miss Young of Charlotte who has been in the city for the past few days representing the work of the Florence Crittendon Home finishes her work to-day. Liberal subscriptions have been secured by Miss Young for this work, for which she has expressed much appreciation.

CHICKENS AND TURKEYS BURNED TO DEATH

Belvidere, N. C. December 15—Last Friday night, December 10 Mr. J. J. Chappell's chicken house was destroyed by fire. The fire broke out about 1:00 a. m. Mr. Chappell is a huckster of this place and has quite a number of chickens and turkeys in the house which were burned to death. It is supposed the fire caught from some ashes that were thrown in there during the day.

CHRIST CHURCH

The Sunday School teachers meeting will be held at 7:30 tonight. On Sunday morning the Rev. N. Collins Hughes of Raleigh will tell of the work being done for the prisoners at the State farm. The congregation is urged to hear Mr. Hughes. The public is cordially invited.

J. B. Williams of Shiloh was in the city yesterday.

CHEAP PISTOL "GOES OFF" —DEAD NEGRO THE RESULT

Eddie Foreman a colored youth of about 18 years of age, was the victim of a fatal accident when on Tuesday he was shot and instantly killed by his cousin, Thaddeus Stokely.

According to the testimony in police court, when the case came up for trial Wednesday, Stokely and Foreman with other negroes, were cutting cord wood in the woods in Newland township, and had sat down to rest. Stokely pulled out his gun and fired at a mark. When he "broke" the weapon to eject the empty shell the gun went off, the ball taking effect in the center of Foreman's forehead.

Judge Sawyer could not hold Stokely for manslaughter so manifestly accidental, but gave him three months on the roads for carrying concealed weapons, and he is now serving sentence.

TO ORGANIZE BETTERMENT ASSOCIATION

Belvidere, N. C., December 15—On Friday afternoon Mr. C. R. Hudson of the State Department of Agriculture made a very interesting talk for the purpose of organizing a Betterment Association. There not being many farmers out those present decided to postpone the organization until a later date. The following committee was appointed: Mrs. Emma H. White, Mrs. Ruth Ward, Misses Eunice Parker, Lillie Mae Ralston and Maggie Chappel Messers Jno Ward, Jay Winslow, W. H. Lamb, Dr. Ward and A. Wood.

It is hoped that this society may soon be organized as it is needed badly.

The people of this community are glad to have Rev. Russell back on the Chowan circuit.

BELVIDERE HONOR ROLL

Belvidere, N. C., December 15—The following is the honor roll of Belvidere Academy third month, ending December 10.

Ninth Grade—Nonie Chappell, Sidney Chappell and Tim Jessup.
Eighth Grade—Elle Rountree.
Fifth Grade—Thomas Winslow, Eugene Chappell and Cora Layden.
Third Grade—Cecil Riddick.
Second Grade—Eugene Ward, Delia Whitehead, Mabel Layden.
First Grade—Howard Layden, Cecil Forbes, Edward Chappell, John Winslow, and Ralph Phibbs.

Invitations have been issued of

the marriage of Miss Farsa Hunter of this place to Mr. Willis White of Edenton, N. C. The marriage will take place on Wednesday 16 at four o'clock at the home of Miss Hunter.

Mrs. Eugene Winslow left last Tuesday for the Protestant Hospital where she will undergo an operation.

Miss Lillie Jolliff of Meda, Pa. is spending some time with her parents, Mr. and Mrs. J. G. Jolliff. Misses Eunice Parker and Lillie Mae Ralston spent from Friday until Sunday with Mrs. Joe Churchill of Clisco, N. C.

Mr. Tim Jessup and sister, Maud spent Saturday and Sunday with their uncle, Mr. E. J. Spence of Newland.

The Christmas tree and entertainment of Belvidere Academy will take place December 22. A Cantata "Santa's Surprise" will be given by the school. The curtain will rise at 7:30.

The next Temperance meeting will be held at Belvidere Academy December 20 at 3 o'clock p. m.

MOONLIGHT SCHOOLS OPEN JANUARY

Moonlight School will open at the Elizabeth City High School on the night of January third. Instruction will not only be given to illiterates but to all who care to take advantage of this opportunity. The entire corps of teachers have volunteered their services in this work, as well as other public spirited townspeople.

GET TRAINING IN HOME ECONOMICS

Women of State Offered
Special Course in Greensboro Normal College

Greensboro, December 15—The latest important development in the home demonstration work in North Carolina is an announcement from the State Normal College here of a special course of instruction to the agents of the work.

The Normal undertook to co-operate with the A. & M. College in putting into action the machinery devised for this State's participation in the large Federal fund provided by the Smith-Lever bill for the inculcation of better household economy and fuller more comfortable life in North Carolina. One big part of the share of the college in the work is this arrangement for a special training for the agents.

Dr. J. I. Foust, president of the Normal, is enthusiastic about home demonstration, being one of the first educators to recognize the possibilities in a scientific demonstration of how inefficiency waste and poor home surroundings may be replaced by economy and conveniences. The college gave of its best out of its family personnel to the agencies, and the participation of the college in the work is merely begun. President Foust, speaking of the revolutionary task being attempted by the people of the State said:

"The possibilities of this work in the improvement of the homes and living conditions of our people are unlimited. The time has come when our people are anxious to receive instruction along these lines, and with the facilities that will be offered by the extension work we may expect a new State within the next decade."

The course of training covered by the Normal will be instituted January 4, 1916, and it is not only open to the demonstration agents, but to all women and the fact is emphasized that no housekeeper or prospective one would waste her time in matriculating for the training. Only twelve weeks are required to complete the course and the cost has been reduced to a minimum, as first of all the object of the college is to make the training as popular as it can be made, and to draw from all parts of the State for the special corps of students.

Probably no college in the South has arranged as completely practical a program for study as the Normal now announces. Household management will be the subject of instruction during an entire month of the course. During one month, says the president, "the students will study the management of the household, financing the family, and preparing balanced meals in a very concrete manner." This portion of the training will be under Miss Minnie L. Jamison, of the college, although from time to time other specially qualified members of the faculty will lecture on allied subjects.

The study of rural life is to be a significant department of the work, and again quoting "it is intended to train students to make a definite systematic study of rural conditions, with suggestions as to causes, consequences and remedies for some of the hardships of farm life; and to give them training which enables them to be leaders in organizing clubs and societies, and to co-operate with farm demonstrators, home-workers of State and nation, and other agencies working for the improvement of rural life.

The laboratory will be used extensively in an abbreviated but complete study of household biology. Lectures will also occur in

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