

USE CHEAP LIVESTOCK FEED.

North Carolina Food Administration Says The Use of Cotton Seed Meal In Feeding Stock Instead of Corn Will be the Means of Saving Over Twelve Million Dollars in One Season.

Raleigh, Oct. 20.—The substitution of plentiful and lower priced feeds for livestock in the place of high-priced grains is being urged by the Federal Food Administration as well as the substitution of plentiful foodstuffs for those that are required for export for the maintenance of the armies and civilian population of our Allies.

With the corn crop out below recent estimates by early frosts in some of the great corn States the Food Administration is calling attention to the desirability of substituting cottonseed meal for a considerable part of the ration not only of cattle, for which it has long been a staple feed, but also for horses and for finishing hogs.

John Paul Lucas, executive secretary of the Food Administration, has estimated that the farmers of this State alone could save \$12,500,000 by substituting two pounds of cottonseed meal for four pounds of corn in the ration of the 385,000 head of workstock in the State—and his further assertion that the animals would keep in better shape is borne out by a number of reliable and conclusive tests.

Mr. Lucas has extended his estimate and figures that 150,000 tons of cottonseed meal could be profitably used in feeding and finishing North Carolina's pork crop this winter. It is estimated that 2,500,000 or more head of hogs will be slaughtered in the State this winter. It is dangerous to feed cottonseed meal to hogs for a longer period than 30 days, but it may be fed for that period and, after a similar period of 30 days on a ration without the meal, it can be fed again. The estimate of 150,000 tons is for one feeding period of 30 days during the growing season and a finished period of 30 days just before the hogs are slaughtered.

The meal is highly recommended for one-third of the ration during the fattening period by the Federal and State Departments of Agriculture as producing a quicker, cheaper and firmer finish.

Cottonseed meal a \$50 per ton is worth 2 1-2 cents a pound. Thus it will be seen that not only is the feeding of cottonseed meal in the place of a portion of the corn ration good policy from the standpoint of feeding, and a patriotic act in that it leaves the corn supply larger, but it is an economical proposition also, the difference between the cost of 150,000 tons of corn being \$3,000,000.

If these same calculations should be applied to the entire South, the figures would reach enormous aggregates, but they would be applicable none the less. The South will produce this year approximately 6,000,000 tons of cottonseed, from which more than 2,500,000 tons of cottonseed meal will be manufactured, worth the enormous total of \$125,000,000. Heretofore more than half of this has been used for fertilizer, its feeding value being unutilized. It is worth 80 per cent as much for fertilizer after serving as feed for livestock and if the approximately 1,500,000 tons that would ordinarily be used for fertilizer alone could be used for feed first it would add \$60,000,000 to the wealth of the South, or of that section using it for the double purpose.

Wheat Growing in Eastern Carolina.

If any considerable number of North Carolina wheat growers would follow the example of Thos. Nixon, a farmer located near Hertford, N. C., there would be no question about a vastly increased wheat crop for North Carolina next summer. Mr. Nixon planted five acres last year as an experiment. He harvested 201 bushels, or more than 40 bushels per acre.

Mr. Nixon has had 50 bushels ground into 10 barrels of flour, the amount required by his family for one year, and has distributed the remaining 150 bushels among the farmers in his community who desire to plant wheat this fall.

At Elizabeth City, the First National Bank has purchased 1000 bushels of seed wheat for distribution among the farmers of Pasquotank County, and at other eastern North Carolina points also a considerable quantity of seed wheat has been bought in and a very considerable acreage of wheat is being planted in Northeastern North Carolina this year.

Billy Sunday, the world's most famous evangelist, will begin a six weeks campaign in Atlanta on Sunday, November 4. This is his first appearance in the southeast, and his coming is looked forward to with the greatest interest. He will attract more people to Atlanta than have ever been brought there by any one agency.—Concord Times.

Review Party.

On last Monday night the Baraca and Philathea classes of the Sanders' Chapel Sunday school met at the home of Miss Roberta Powell for their usual Review Party. For the last several years it has been the custom of these two classes to have a party at the end of each quarter and review the lessons for that quarter. The one who can repeat all the Subjects and Golden Texts is awarded a prize by the teachers. The prize from the Baraca class was won by Ruffin Hill. There was a tie between Mrs. Raynor and Jennie Hill for the prize from the Philatheas. In drawing straws Jennie Hill was the lucky one. The prizes were presented by Mr. Ludolph Powell.

It was quite interesting to hear all the lessons for a whole quarter repeated, and to see how enthusiastically and with what keen rivalry the members took part. It was an inspiring and uplifting scene to see all those boys and girls sitting quiet, attentive and reverent while those messages from God were being repeated. If more Sunday school teachers felt the deep responsibility that rests with them in providing amusements and social events for the young people, there would be fewer card parties and dances and other forms of amusement that are questionable. Young people must have some kind of amusement, and when guided by an enthusiastic and consecrated teacher, their youth and good spirits can be dedicated to the service of the Lord instead of to the service of the Devil.

The Philathea class gave a report of what they had done from the first of the year till now. They gave \$10.80 toward the building fund for the new church at Micro; paid \$4.20 for new song books for our Sunday school; and \$1.50 toward funds for the orphanage, and there were several other items which I cannot remember, but these enumerated make a total of \$16.50. The reporter for the Baracas was absent, so they did not give a report. But even if they didn't give a report of the inside workings of the class, it can be seen from their interest and attendance at Sunday school that they are "Doing Things." Their very presence there is worth a great deal.

After the review was over, games were played and all were entertained by vocal and instrumental selections by Miss Lillie Talton. As the boys were giving the party, most delicious refreshments were served by Ashley Powell and Ruffin Hill. The boys always take pride in doing things up in fine style when they have it in charge.

Those present were: John Talton, Percy Barnes, Ruffin Hill, Jarmon Eason, Mr. and Mrs. Raynor, Dessie Talton, Jasper Hamilton, Robert Hill, Needham Stevens, Richard Hill, Ashley Powell, Percy Stevens, Henry Talton, Isaac Powell, Millard Hill, William Godwin, Ludolph Powell, Ruth Smith, Esther Sanders, Ettie Creech, Mary Hill, Lillie Talton, Addie Creech, Roberta Powell, Jennie Hill, Bettie Ford, Addie Talton, and Mrs. P. A. Holland, also several visitors, Mrs. H. H. Whitley, Miss Sara Creech and Mr. Vinson, of Selma.—M. E. P.

BUYING A BOND HELPS TO WIN THE GREAT WAR.

W. G. McAdoo, Secretary of the Treasury, says that the Liberty Loan is "For the purpose of—

"Equipping with arms, clothing, and food our gallant soldiers who have been called to the field;

"Maintaining our Navy and our valiant tars upon the high seas;

"Providing the necessary means to pay the wages of our soldiers and sailors, and if the bill now pending in the Congress passes, the monthly allowances for the support of their dependent families and to supply them with life insurance;

"Constructing a great fleet of merchant vessels to maintain the line of communication with our brave troops in France, and to keep our commerce afloat upon the high seas in defiance of the German Kaiser and his submarines;

"Creating a great fleet of aeroplanes, which will give complete supremacy in the air to the United States and the brave nations fighting with us against the German military menace, and for other necessary war purposes."

"I confidently hope that when the campaign is over it will be found that the total number of subscribers is at least 10,000,000, and the total subscriptions in excess of \$5,000,000,000. Such a response would be notice to our enemies that the American people as a whole intend to support with all their power their Government in the vigorous prosecution of this war and the achievement of an early and lasting peace."

More Pay for Teachers.

The day seems to be fast coming when North Carolina will have to either pay its public school teachers decent salaries or have teacherless schools.—Greensboro News.

OFFICERS GOING TO FRANCE.

Six Training Battalions at Camp Sevier to Be Moved. Troops From the Carolinas and Tennessee to Be Incorporated With Regular Regiments.

The six training battalions of the fifty-fifth depot brigade, formerly the first, second and third battalions of the First Tennessee infantry, the second and third battalions of the First North Carolina infantry and the third battalion of the Second South Carolina infantry are to be incorporated with the regular regiments for their respective states and all their commissioned officers of the rank of captain and above are to leave for France as soon as transportation can be provided, according to unofficial information.

The first inking of the war department's intention to move the training battalions came in an order issued to cease improvements on their camp site. The soldiers had just finished providing their tents with floors and sides.

According to information available, Brigadier General L. D. Tyson, commanding the brigade, together with one of his two colonels, both lieutenant colonels and practically every major and captain, will leave at once for France, their men to be transferred bodily into the 117th, 118th, 119th and 180th infantry regiments, formerly the Third Tennessee, First South Carolina, respectively, troops being assigned whenever possible to organizations from their own states. All non-commissioned officers will retain their grades.

The training battalions will not take up their camp with the organizations to which they will be transferred until the departure of their officers.

Col. Charles B. Rogan, former adjutant general of Tennessee, commands the first provisional regiment composed of troops from that state, and Col. Junius T. Gardner, the second, from the two Carolinas.

There is no information as to what use will be made of the camp site to be vacated by the brigade, but it is suggested that those of South Carolina select men sent here who had already been formed into regiments may be encamped there. The lieutenant of the companies will probably be transferred with their men, as the full complement of officers is now one captain and five lieutenants per company.

There are about three thousand men in the depot brigade and, even after these are transferred to the division proper, it will be short 1,800 men. Any surplus of men from any of the three states after filling the infantry regiment or regiments from states will be assigned to separate organizations, such as the engineers or signal battalions.

The purpose of the move is believed to be to provide a body of trained officers from the division to instruct it when it arrives in France, which is commonly expected to be some time in January or early February at the least.—Greenville, S. C., dispatch.

Greater Yields Per Acre.

How to increase the yield per acre is becoming more and more a dominant problem in American agriculture. Our past expansion in production has been largely through increasing acreage; our future expansion must come in an increasing degree from greater yield per acre. In practically all farm-management survey studies the data have shown that greater yields mean greater profit to the farmer. This greater profit has a broader significance than the mere increase in wealth of the farmer; it shows that the line of least resistance in production has been followed.

Whether yield should be increased by better tillage, better use of legumes and sod crops, by a larger quota of livestock, by more commercial fertilizer, or by a combination of all these expedients, constitutes at least a regional, if not an individual, farm problem. There is no universally applicable panacea for poor lands. It is a question of cases. The method or methods used must not only jibe with soil, climate and crops, but must also, in cash outlay requirements, come quite definitely within the limits of the individual farmer's purse. High prices for crops, however, justify a far higher acre expenditure for a given increase in yield than do low prices. This means that under present conditions crop yields may be pushed up to a new point before the farmer encounters a critical diminishing return for his expenditure.

There is a limit to the expansion of crop acreage. The next step is expansion in yield per acre. Higher prices justify large efforts in this direction.—Country Gentleman.

LOST OR STOLEN—SEPTEMBER 28th, one black and white spotted bird dog, medium size. Finder will please notify Geo. F. Moore, Benson, and receive reward.

BUSINESS LOCALS.

FINE CHRYSANTHEMUMS FOR sale—\$1.00, \$1.50 and \$2.00 per dozen. Buy a bunch for your home, will last for weeks. Mrs. C. V. Johnson.

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READ COTTER HARDWARE COMPANY'S ad this week.

IF YOU WANT TO EXCHANGE your seed for meal and fertilizer, see The Austin-Stephenson Co.

NEW TESTAMENTS AND BIBLES for sale at The Herald Office.

IF YOU WANT ONE-THIRD OF your life, easy and comfortable see our Felt Bed line of Mattresses. Cotter-Underwood Co., Smithfield, N. C.

AUSTIN-STEPHENSON COMPANY will sell you an all wool suit for \$8.50. Can you beat it?

LOOK—BE SURE TO SEE OUR beautiful High-Top Ladies' Shoes, all colors, prices and quality. Cotter-Underwood Co., Smithfield, N. C.

CAR OF PARKER BUGGIES Expected daily at The Austin-Stephenson Company's.

IF YOU WANT TO BUY OR RENT a farm it will pay you to see E. F. Boyett, Smithfield, N. C.

IF YOU WANT TO BUY A PAIR OF ladies' fine Shoes, go to Cotter-Underwood Co.

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Smithfield, N. C.

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IN HAPPY VALLEY, by John Fox, Jr.
WE CAN'T HAVE EVERYTHING, by Rupert Hughes.
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