

Serious Protein Feed Shortage Has Developed

A serious shortage of protein feeds in North Carolina and throughout the Southeast for poultry, swine and cattle was indicated at a feed conservation and production conference held on May 4 and 5 at Greensboro. Officials of the State Extension Service, the State Department of Agriculture and other cooperating agricultural agencies met with the oil millers, feed processors and livestock and poultry growers to work out methods of dealing with the shortage.

A consensus of opinion seemed to be that there were about enough proteins to last only one month, actually in sight. The ordinary supplies of cottonseed and soybean meal have "mysteriously disappeared." Fish meal and bone meal are not to be had. Corn at a ceiling price of \$1.08 is now coming out of the West, where corn marketed through hogs is bringing about \$1.50 a bushel. Cottonseed meal at \$95.00 per ton has produced a "black market."

North Carolina's largest poultry grower, with 23,000 layers and 35,000 pullets, reported that he had just enough protein for about a month and other growers said they had enough for about two weeks of feeding. One county agent reported that he could haul all of the feed in his county in feed dealers hands in one truck. Feed processors were clamoring for supplies of proteins and corn, saying they would be forced out of business in a few weeks unless help came.

Pres. J. B. Hutson of the Commodity Credit Corporation asserted that the supply of proteins for the U. S. was not alarming at this time and that present livestock could be fed, if proteins were conserved. However, plans were not fully worked out for relieving the protein shortage in the Southeast.

The Extension and other agricultural officials present urged North Carolina farmers to feed just as efficiently as possible and to make every pound of protein count. Several changes in feed formulas were recommended, to conserve proteins. On account of the large increase in poultry and livestock, the demand for proteins in this State is about 70 percent above last year, covering the past four months. Growers were urged to increase their acreage of protein crops wherever possible.

B. F. Howell of South Carolina, Area Director of the Feed Industry Council, said: "I want to see us get some protein reserves. We are practically out of protein mills are closed and others are working part time. In some areas the demand is almost double what it was last year."

Dairymen Urged To Grow More Proteins

Since protein feeds are short and the outlook for an adequate supply over the next twelve months period is far from encouraging, J. A. Arey, in charge of Dairy Extension at N. C. State College, urges all dairymen to conserve the proteins now on hand and to make every effort possible to grow an increased supply. When the pasture is lush, it carries high protein, and very little additional protein is needed in the grain mixture. The same is true for good leafy, well-cured, legume hay, but this type of hay is often hard to get.

To fill in the feeding gaps during summer, Arey suggests Sudan grass, soybeans and lespedeza. By the middle of July, grazing in the permanent pasture is usually short and its protein content has dropped considerably below the June level. Unless this condition is offset by some good, supplemental grazing, or other protein feed, which will be mighty hard to get, a serious drop in the milk flow will take place.

Good permanent pastures, plus an adequate supply of supplemental grazing crops, can provide a large part of the protein needed for commercial milk production during the summer, according to Arey, and he urges every dairymen to seriously consider the present protein shortage and make plans now for growing additional acreage of high producing protein crops. Otherwise, some dairymen will find it necessary to feed short rations.

In saving hay for next winter's feed supply, Arey pointed out that most dairymen and farmers can save much better hay than they do, by cutting it at the right time and giving it the care and attention which it deserves.

NITROGEN

A new derivative was recently issued by the War Food Administration on chemical nitrogen for corn and cotton to assure equitable distribution.

COTTON

No tank runs, no ship sails, no plane flies without cotton as a part of its equipment or structure.

A child's laxative
your child should
LIKE



BLACK DRAUGHT

FIRST PICTURES OF BOMBED ITALY



GENOA, ITALY—PASSED BY CENSORS—In one of the first pictures to reach this country of bombed Italy, a later corps of the "Servizio Lavoro" marches through ruins in a street on the Italian Riviera on their way to clear up the debris after the bombing of Genoa. The "Servizio Lavoro" has been organized in Italy to carry on demolition and repair work after RAF raids. So devastating are the RAF raids that it is necessary to make these workers mobile and draft them from inland places to large cities, targets of the RAF raids.

WALSTONBURG NEWS

Mrs. W. E. Lang visited Raleigh and Chapel Hill Monday.

Mr. and Mrs. H. C. Burch and daughters, Marion and Bonnie, spent last week and visiting Mrs. Melvin Perry in Coleraine.

Mr. and Mrs. B. L. Davis and son, Bobby, visited Mrs. Davis' mother, Mrs. Anna Tripp in Ayden last week.

Miss Daisy Fields, Miss Margaret Fields and Miss Ramona Rouse have returned after a short visit with relatives in Gates.

Mr. and Mrs. A. J. Craft were Wilson visitors Wednesday.

Mr. and Mrs. R. G. Fields and Miss Virginia Fields attended the graduation exercises at the Morehead City High School last Sunday and Monday. They were accompanied home by Johnnie Fields who graduated at that time.

Lt. Robert Rattemaker of Alamo, Mich., spent Friday and Saturday with Lt. Cecil Y. Lang who was home on furlough at that time. They both left Saturday evening for Florida.

Mr. and Mrs. J. C. Gardner, Mrs. A. R. Gay and son, Malcolm visited Mr. W. T. Gardner in Saratoga, Sunday.

Misses Alene Bailey and Juanita Redick who are in school in Raleigh spent last week end with their parents here.

Mrs. W. P. Ellis and son, Frankie, of Wilson, visited her mother, Mrs. Neza Shackelford, Saturday.

Those from here who attended the funeral of Mr. W. H. Marlowe in Wilson last Friday were: Mr. and Mrs. C. T. Hicks, Mrs. J. H. Wheeler, Mr. and Mrs. I. T. Smith, Mrs. B. T. Brooks, Mr. and Mrs. Jesse Gay, Miss Alice Goin, G. W. Corbett and J. C. Gardner.

Mrs. Jason Shirley and sons, Charles and Don Ray, visited Mrs. Shirley's mother, Mrs. Ada C. Bass near Wilson this week.

Mrs. Esther Craft of Raleigh returned Wednesday after spending several days with friends here.

STATE COLLEGE ANSWERS TIMELY FARM QUESTIONS

QUESTION: Where can we get some fish meal for home-mixed feeds?

ANSWER: Thousands of farmers would like to know the answer to this question, says Dr. I. O. Schaub, Director of the Extension Service at N. C. State College. All protein feeds are scarce and every effort should be made to conserve them through efficient feeding. Save all oil meals for feeding purposes. Plan to grow more high protein crops and grazing crops.

QUESTION: Should tobacco plants with blue mold be set?

ANSWER: No. The plants should fully recover from blue mold before being set in the field. Grading of plants, selecting only those which are strong and vigorous, is mighty good practice at transplanting time. Many growers say: "Getting a smooth, even stand of tobacco is half the battle in making a good crop."

QUESTION: What can be done to keep sweet potatoes from cracking?

ANSWER: Where potatoes have cracked badly in the field in past years use 10 pounds of borax per acre broadcast before planting. Side-dressing the crop with borax has not proven satisfactory. If the

Where Will Money Come From?

People ask: "Where will the money come from?" to reach the thirteen-billion dollar objective of the Second War Loan. The answer is simple. The people HAVE the income. When we produce munitions or peacetime goods, or anything else, we likewise produce income. For every dollar of production, there is a dollar of income.

The problem of war finance boils down to this—if individuals and businesses receive more income after taxes than there are things produced for them to buy, then excess funds arise. The government's deficit is matched by the combined surplus of everybody else. This surplus should be put into Government securities to wipe out that deficit.

They give their lives... You lend your money.

cracking has not been serious, five pounds per acre may prove sufficient. Large amounts of borax, say 50 pounds per acre, will damage the crop. Borax not only controls cracking but also improves the flavor and texture of the crop, says L. G. Willis, in charge of Soil Research Laboratory, at the Agricultural Experiment Station.

Some people get very high up but not high enough to be above suspicion.

PORTABLE BOOK BAR



CHICAGO "ILL.—The latest style in service to men in uniform is the "Book Bar" or "Culture Cart" now in use in the six large railroad terminals in Chicago. Gifts of the Union League Club to the USO, the mobile libraries move from one part of the station to another, giving books and magazines to troops in transit. Often the men are not allowed to break ranks as they go through the station, so with the permission of the commanding officers, the carts roll along with them. The men return the books to the USO at their next stop. Books are furnished by the Victory Book Campaign.

Pile It High for Next Winter



The time to think of replenishing the feed supply is when you don't need it. With an acute shortage of feed the first winter, wise farmers and townpeople are building a reserve woodpile now, and getting their feed bins filled to capacity.

What You Buy With WAR BONDS

More that heating plant when for it must do you for the duration. Metal... every bit we can take and scrape up is going into War Production to provide the tools for our boys on the fighting fronts.



But start saving now for that heating plant by your purchase of War Bonds every payday through a Payroll Savings plan. War spending goes on month after month. So War Savings must keep pace, month after month. Put at least ten percent of your income in War Savings through War Bonds. U. S. Treasury Department

Grower Shoots Three Barreled Gun At Axis

Typical of what North Carolina growers are doing to help win the war, Raymond J. Elliott of Granville County is firing a three barreled gun at the Axis—eggs, poultry and pork. He also has plans for adding a fourth barrel to his gun.

County Agent C. V. Morgan reported to Director I. O. Schaub of the N. C. State Extension Service that Elliott had 300 one-week old chicks, 710 4-week chicks, 760 6-week chicks, and 350 chicks about two months old. Not content with this Elliott has placed orders for two shipments of 750 and 1,100 chicks to come at an early date. Also, he had 400 pedigreed laying hens on the firing line, bringing in large baskets of eggs every day.

In many sections of North Carolina, there is only about one brood sow to each ten to twenty families. Elliott wanted to make the swine barrel on his gun extra large, so he has put in six brood sows and is furnishing feeder pigs for neighboring farmers.

Not content with his egg, poultry and pork ammunition, he secured some heifers, which he is developing into good dairy cows and soon they will start furnishing milk for the milk route that runs by his farm.

County Agent Morgan said that all Granville County farmers are enthusiastic in the production of more food and feed crops this year, and that he was sure that this section would exceed the war goals requested. He is urging Granville farmers to grow an increase acreage of the leguminous crops that bring good hay and the oil bearing crops for plenty of protein meals.

Sheep Men Urged To Pool Wool, Sell To Handlers

L. J. Case, Extension Animal Husbandman at N. C. State College, urges growers with sheep to pool their wool in lots of 5,000 pounds or more and put it on consignment through a "Handler." He also says that more care than usual should be exercised in the proper shearing and care of the wool because it will be sold by grade.

The Commodity Credit Corporation will buy the entire 1943 domestic wool clip as a measure of protection to wool growers. Savings of 24 cents per pound on ungraded wool, or 3 cents on graded wool, can be made by pooling in lots of 5,000 pounds, or more, through "Handlers."

Do not mix tags, dead, black, heavy burry or damaged wools with

POTASH TO PEANUTS

If you did not fertilize your peanuts when planting, may we suggest the Department of Agriculture's recommendations:

75 to 100 lbs. Muriate of Potash 50% per acre as Side-Dresser at first weeding.

400 to 500 lbs. Land Plaster at Blossom Time.

REMEMBER TOO; your Soy Bean Yield will be greatly increased by applying

300 to 400 lbs. of Fertlime (0-10-10) per acre.

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AMERICAN HEROES

BY LEFT



With the bomber pilot killed, the co-pilot seriously injured, both left motors shot away, left wing on fire and a swarm of Jap Zeros all around Col. L. G. Saunders took over his bomber's controls above Benningfield, crossed the Zero and saved his own remaining crew members' lives by a crash landing on the water at 75 miles an hour. Navy craft rescued them. They give their lives—You lend your money. Buy Second War Loan Bonds.

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FARMVILLE, N. C.

good wools. Each fleece should be wrapped with paper twine. Case says that used paper twine can be secured from the Chatham Manufacturing Company of Elkin upon payment of shipping charges only. Production of shearing equipment is behind schedule because of a shortage of materials, but it is reported that dealers will receive a partial shipment in early May and another shipment in late May. Farmers who have equipment should cooperate with their neighbors in getting shearing done.

In the vicinity of Raleigh, two college students will be available for custom shearing on Thursdays, Fridays and Saturdays. Growers who desire this custom shearing, should get in touch with their county agents at once so that the work may be planned to the best advantage.

A few people confess that they can grasp the Einstein theory but all confess the OPA regulations baffle them.

HITLER AGAIN IN THE PICTURE



SOUND PHOTO—This photo taken from an Axis magazine shows Hitler making the party parade and standing at the "Führer's" Blackboard. He is wearing a black uniform, and his speech is in German. He is surrounded by a crowd of people, and the scene is set in a city street.

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