

FARM EXTRACTS

INFORMATION FROM THE EXPERIMENT STATION—AGRICULTURAL PAPERS AND THE COUNTY AGENT'S OFFICE

Farm Agent To Give Poultry Culling Demonstration

Plans are being made by County Agent McCracken in co-operation with the Extension Division of the College of Agriculture for a series of poultry culling demonstrations which will be held soon on different farms for the purpose of showing farmers and their wives of Ohio county how to tell the loafing hen from the heavy-laying one, according to an announcement which he made today.

According to poultry specialists, approximately one-third of the hens on Kentucky farms molt during July and August and stop laying until the following spring. Certain characteristics which these loafers show makes it easy to tell them from the heavy-laying hen, County Agent McCracken said.

Farmers from different communities will meet on a certain farm in that section where poultry specialists from the College of Agriculture will assist County Agent McCracken in giving the demonstration. Loafers and heavy-laying hens from the flock on the farm will be selected and the farmers and their wives shown the difference between the two. Circulars will also be distributed and the process of culling explained in detail so that the poultry owners can return to their own flocks and eliminate the hens that are not laying.

Sowing Cowpeas After Small Grains

For those sections where clover cannot be grown, the growing of cowpeas after grain is in most cases by far the most practical method of adding nitrogen to the soil. If the cowpeas are planted promptly after cutting the grain there is ample time to secure a good growth of forage for plowing under in the fall. In good seasons as much as two tons of dry matter per acre can be grown, which, as far as nitrogen is concerned, is equal to an application of 6 to 8 tons of stable manure per acre. The stock farmer will find it more practical to utilize the peas for hay and return the manure produced to the land.

To obtain a good yield, cowpeas should be sown just as soon as the wheat or other grain is cut. To wait until the grain is threshed means a loss of from two to three weeks of good growing weather. The way to get the peas planted early is to follow the binder with the disk harrow and drill. Usually three extra teams are required, two for disking and one for drilling. The peas may also be sown broadcast and covered with the disk harrow, which will save one team.

Provided the teams are not available for following the binder, the wheat shocks may be set in straight rows and the land disked and planted as wheat is planted after corn. Apparently a thorough disking is nearly as good preparation for sowing peas as plowing, for cowpeas do not require an especially well-prepared seedbed. The disking should be deep and thorough, however, so the seed may be adequately covered.

Where cowpeas are grown for fertilizing purposes, they should be plowed under in time to sow a rye cover crop. Unless this is done, a considerable loss of nitrogen may result because of leaching.

E. J. KINNEY.

Lime Needs Of Western Kentucky Coal Fields

The northern part of western Kentucky consists of soils derived from the coal measure formations. Specifically, they resulted from the decay of native sandstone, shale, and conglomerate. The Dekalb is the main series, while the Christian and Thist occupy extensive portions. The lime content of these soils was low from their inception, which, coupled with poor drainage, augments the need for heavy applications. The lime requirement is about 2,700 pounds of calcium oxide equivalent per acre. Circled this area and centering in Breckenridge and Grayson counties, is a narrow band of soils from the Chester formation, which even exceed the coal measure soils in acidity.

Learn Demonstrations

More than 100 farmers in 27 Kentucky counties are endeavoring to find out which variety of corn is best for their section of the State by conducting demonstrations during the summer in co-operation with their Farm Bureaus, the Extension Division of the College of Agriculture and their county farm agents, according to an announcement made by Ralph Ken-

ey, crops extension specialist from the College.

Varieties which are being used in the demonstrations include Boone County White, Hickory King, Iowa Silvermine, Reid's Yellow Dent and Pride of Saline, the latter being a Kansas variety. Seed for the tests was furnished by the College of Agriculture to each of the farmers who also will grow three or four of the most popular local varieties in each of the tests. Seed was planted in both the bottom and upland soils of each of the 27 counties. The work will be continued for several years until it has been demonstrated beyond reasonable doubt what two or three varieties of corn are most reliable and highest yielding in every section of the State.

Wheat With a Pedigree

More than 500 Acres of Ashland wheat, the new pedigree strain developed by the Kentucky Agricultural Experiment Station, have just been harvested in Kentucky, according to estimates made by specialists in the soils and crops department of the station. The acreage was divided among 32 farms in 16 counties and is expected to produce between 8,000 and 10,000 bushels of grain which will be available for seed this fall.

Ashland was developed at the station in 1913 and has been the highest yielding wheat grown there during the last six years. It yielded an average of 33.6 bushels during that time. Jersey Fultz averaged 31.8 bushels an acre for the same years. Fulcraster 30.2 bushels and Cutler's Prolific 28.5 bushels.

Lexington, Ky., July 10.—One of the important services performed by the Kentucky Agricultural Experiment Station during the last year for farmers of Kentucky was the analysis and inspection of fertilizers, according to the thirty-third annual report of the station which shows that there were 115 different brands registered in the State. These were classified as complete fertilizers, 492; acid phosphate, 113; nitrogenous superphosphates, 164; phosphates with potash, 81; bones, tankage, etc., 53; sulphate of ammonia, one, and nitrate of soda, one.

The laboratory work of the fertilizer control department of the station included the analysis of most of the brands registered in addition to the analysis of samples which were collected by inspectors of the station or sent in by farmers.

Handy Fillers

Farmers of Fulton county co-operating with County Agent O. L. Cunningham and Assistant County Agent J. P. Ricketts have started a better stock-better stock campaign. They are also making plans to organize a livestock shipping association.

D. K. Stinson, a Henderson county farmer who is co-operating with County Agent D. W. Martin, will conduct a wheat variety demonstration this fall, according to a report of Mr. Martin. He will plant 50 bushels of Ashland wheat, the new pedigree strain developed by the Kentucky Agricultural Experiment Station. Two other farmers in the same county will conduct similar demonstrations.

Graves county farmers have used more fertilizers and land builders such as cowpeas, soybeans and red and sweet clover this year than in any previous one, according to a report of Assistant County Agent W. A. Humphries.

Cash prizes and pigs amounting to \$300 will be awarded to Fayette county pig club winners at the Blue Grass Fair this fall, according to a report of County Agent W. R. Gabbert.

Catarrh Cannot Be Cured

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HEALTH OFFICERS ASKED TO HELP DR. McMULLEN

All County Officers Urged By State Health Officer To Co-Operate

Louisville, Ky.—Every county health officer in Kentucky has been urged by Dr. A. T. McCormack, State Health Officer, to co-operate with Dr. John McMullen of the United States Public Health Service, now in this State waging a fight on trachoma, to the fullest extent and to aid him in his work in every possible way.

Dr. McMullen, according to Dr. McCormack, in evolving methods for the diagnosis and cure of trachoma in its early stages has made one of the world's greatest contributions to preventive medicine. His actions in calling on Kentucky county health officers to render assistance in this campaign, Dr. McCormack also declared, is in keeping with a resolution passed at the recent National Convention of State and Provincial Health Authorities of North America, in which united support was pledged to Dr. McMullen in his "systematic and well-planned campaign for the eradication of trachoma."

RAILROADS TO GET HALF BILLION SOON

Advances Will Benefit General Financial Situation, Mellon Says

Washington, July 7.—Secretary Mellon of the Treasury Department announced today that under a provisional refunding arrangement made with the railroad executives the carriers would receive approximately \$500,000,000 in additional advances from the Federal Government within the next six months.

Mr. Mellon said the negotiations with the railroad executives probably would be completed within two days and that the advances contemplated would give to the railroads in cash sums of money equivalent to those which the Government spent in capital betterments during the period of wartime control. The Government will receive for the advances 6 per cent security evidencing the indebtedness of the particular railroads which receive the advances, it was explained.

All of the claims and counter claims between the individual railroads and the Government arising out of maintenance expenditures during the control period are involved in the negotiations. Mr. Mellon indicated, and where arrangement for an advance is completed some sort of a compromise agreement will result in each case to clear up the outstanding differences.

Mr. Mellon said he believed the advances to the roads would be beneficial to the general financial situation and might assist in a resumption of business activity. In many cases, he said, the advances would enable the railroads to pay outstanding debts to industrial companies for supplies used during the past year and would in addition furnish funds for the betterment of equipment and repair of neglected railroad property.

In the long run, he added, the Government would obtain a net profit from the advances, since the money necessary could be borrowed at a lower interest rate than the securities which the railroads return to the Government would bear. Railroad securities now held by the Treasury, he said amounted to approximately \$400,000,000, and interest and capital payments had been regularly met on all of them, giving the Government an income of about \$18,000,000 a year.

OFFICIALS' TRIALS NEXT

Lepais, June 28.—Lieut. General Karl Stenger, former Commander of the Fifty-third German Infantry Brigade, and Major Renno Crusius, charged by the French Government with the murder of prisoners of war, will be placed on trial before the German Supreme Court here Wednesday.

These will be the first French cases to be tried in connection with the prosecution of German criminals.

The trial promises sensational developments, in view of the prominence of the defendants and the character of the indictments. Fifty-four witnesses have been subpoenaed to testify, among them several former active Generals and well-known medical experts.

The French charge General Stenger, who lost a leg in the World War, with having issued an order "not to take any French prisoners."

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Crusius is accused of having passed the order down the line, and also of having shot French soldiers.

COLEMAN DU PONT

MADE U. S. SENATOR
Dover, Del., July 7.—Gen. T. Coleman du Pont was today appointed United States Senator from Delaware by Governor Denney to succeed Josiah O. Wolcott, who resigned last week to become Chancellor of Delaware.

General du Pont, who is the Delaware member of the Republican National Committee, will serve the unexpired term which runs until March, 1923. The appointment of General du Pont adds a Republican to the Senate, Senator Wolcott having been elected to the office as a Democrat.

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