

HENS FED BEEF SCRAPS LAY MANY MORE EGGS

Experiment at the University Shows that Protein Food Increases Food Production.

That it is a poor policy for farmers not to feed some kind of food to their chickens which is high in protein value—such as beef scraps or sour milk—is the opinion of H. L. Kempster, associate professor of poultry husbandry at the University of Missouri.

In three separate pens the same number of chickens were kept. All were fed corn all the time, wheat part of the time, and in addition ground grain rations of bran, middlings, and corn meal. Besides this regular feed for the chickens in all three pens, those in pen one were fed beef scraps, and those in pen three were given all the sour milk they wanted. The hens were about the same age. The experiment covered the time between November 1 and June 1.

Those hens in pen two—given only the regular feed—produced only 800 eggs; those in pen one—given beef scraps—produced 1518 eggs, and those in pen three—fed sour milk—produced 1425 eggs. The hens in pen one ate 923 pounds of grain, those in pen two 944 pounds and those in pen three 836 pounds.

The amount of beef scraps fed to the chickens in pen one was 60 pounds, costing \$1.80. These hens produced 718 more eggs than those chickens fed only the regular rations. In other words, these chickens produced 718 additional eggs on feed which cost but \$1.80 more than the regular ration. Those hens fed sour milk produced nearly as many eggs as those fed the beef scrap ration.

Homesley-Crunclenton.

Bailey Homesley of this city and Miss Emma Crunclenton of Higginsville were married at Higginsville Monday by Rev. T. M. Cobb. The newly married couple arrived Monday night on the westbound train, and will make their home in this city.

Mrs. J. S. Ragland went to Kansas City yesterday morning to spend the day.

Criminal Court Jury.

The county court Wednesday drew the following gentlemen for the jury for the August term of the criminal court:

Clay—George Alumbaugh, Julius Doelling, William Keller.

Davis—Frank Ellmaker, Herman Kalthoff, H. G. Kirchoff.

Dover—L. W. VanAnglen, R. L. Rider, Hy. W. Tempel.

Freedom—George Helt, W. D. Bastain, Thomas Littlejohn.

Lexington—Vernon Barnett, Charles Hackler, C. Con Barron.

Middleton—H. W. Wisler, F. C. Schroeder, Aug. Erdman.

Sni-a-Bar—T. W. Gott, James Gautier, C. T. Proctor.

Washington—Thomas Davidson, John McFadin, Thomas Stockton.

Gibbons-Phetzing.

Mr. Murray Gibbons of Purcell, Oklahoma, and Miss Anna Phetzing, daughter of Mr. and Mrs. U. G. Phetzing of this city, were married Wednesday night at 7 o'clock at the First Presbyterian church at Stockton, California.

The Phetzing party left here about three weeks ago for a trip through the west. Miss Phetzing had confided to a few of her most intimate friends of her wedding arrangements, and that Mr. Gibbons would meet them in California and after the wedding they would visit the exposition and continue with Mr. and Mrs. Phetzing on their trip.

Contract Let for Normal Building.

C. A. Keith, member of the Board of Curators of the Warrensburg Normal, was in Warrensburg Wednesday on business in connection with the letting of a contract for the construction of Science Hall, which was destroyed by fire last winter. The Capitol City Planing Mill Company of Jefferson City secured the contract for \$63,865. This amount includes wiring, plumbing, heating and ventilating.

Mr. and Mrs. Alvin Slusher of Bronaugh, Mo., announce the birth of a son, Elliott Madison, at their home yesterday morning. Mrs. Slusher was formerly Miss Estelle Cullom, daughter of Mr. and Mrs. William Cullom of this city.

Emergency Crops.

This is an unusual season in Missouri—in fact, it has been a peculiar year thus far, upsetting the common run of farm practices in so many portions of this state.

The result is that the question of Emergency, Catch or Substitute Crops is well nigh a paramount issue, so says Will D. McKee, a well known in nearly every county of this state as a successful farmer and Farmers' Institute lecturer of near Polo, Missouri.

Up into the last of May in many neighborhoods the dry weather aided the chinch bug and Hessian fly in injuring much wheat, in many cases leaving the wheat not worth the binding. This same dry weather prevented some of the late planting of corn from coming up. Many farmers had planted their corn very deep to get the moisture—when the soaking rains began this seed corn in many fields rotted. Wet weather continued, preventing replanting. Adding to the bad or no stand corn fields, the fields not planted at all, the abandoned wheat acreage, and the overflowed land, makes a total that shadows Independence Day with the problems of Emergency Crops as never before in years!

Just what Emergency Crops should appeal to the farmer depends largely as to whether he is a live stock farmer, a grain farmer or a renter. For the general or live stock farmer the "Catch Crop list" is broad and inviting. For the grain farmer the list is as narrow as his type of farming. Mr. McKee does not discuss in this connection the new and novel crops but sticks strictly to the time-tested Emergency stand-bys. He has reached these conclusions, based on his own experiences:

The live stock farmer, as late as or after July 1st, can put a portion of his catch acreage in sorghum—Early Amber Sorghum being mighty fine. This is a standard early maturing variety in Missouri, sowing eighty to a hundred pounds to the acre for a hay crop. There are many other sorghums that range from Amber to Kafir, milo, feterita and Sudan Grass, of varying value on Missouri soils!

New era cowpeas will mature sufficiently to make a most excellent quality of hay, ranking in value with clover or alfalfa. Sow from a bushel to a bushel and a half per acre, depending upon the richness of the soil.

Rape stands easily at the head of the list as a forage crop for hogs, and can be pastured with sheep and cattle by using proper caution. Rape will bloat cattle or sheep if turned on when wet from dew or rain—and especially if these animals are hungry. Rape will appeal to live stock farmers, both on account of the quantity of succulent feed it will make and the cheapness of the seeding. Four to seven pounds of Dwarf Essex is about the quantity, and is one of the best varieties to sow in Missouri at this time.

The live stock farmer again has his choice between Hungarian or German millet. He can sow Hungarian millet later than most of the other Catch Crops, and do so with the promise of getting a good crop of good hay. This crop should be cut about the time the seeds in the heads are in soft dough, for

County Court.

The county court met Tuesday with Presiding Judge Z. W. Wright, Judge Julius G. Vogt, from the eastern district, Deputy Sheriff Joe Waddell, and County Clerk Geo. W. Bates present. The following business was transacted:

Court ordered warrant for \$75 be drawn in favor of Clayton Williams, colored, secretary of the Lafayette County Negro Fair, to be awarded as Lafayette county premiums.

The Concordia Special Road District presented requisition for money in the hands of the county treasurer, due the district, and same was ordered paid in the sum of \$109.98.

The court ordered that the salary of the deputy circuit clerk of Lexington, as recently fixed by the circuit judge, to be filed and acknowledged.

Greys Take Two More.

Just to show the know-alls and chronic knockers that winning twelve straight games in base ball is not all luck, the Greys Sunday and Monday added two more to their string of victories, making fourteen straight, and fifteen out of seventeen for the season thus far. The Argentine Club which came here Sunday for two games, was the best all-round aggregation seen here this year. The game Sunday resulted in a 4 to 3 verdict for the Greys, and just to show that they had another punch, won Monday's game by the same score.

Death of Mrs. Carrie Ryland Sharp.

Mrs. Carrie Ryland Sharp, sister of Rev. Xenophon Ryland, died Wednesday in a hospital in Kansas City at the age of 62 years. The body was brought to Lexington last night and taken to the home of her nephew, Dr. C. T. Ryland. The funeral services conducted by Rev. S. O. Hall, were held at Dr. Ryland's residence this morning at 9 o'clock.

New Motor Truck.

Fred Wilmot has recently bought a Ford motor truck from the local agents of the Ford Motor Car Company, John Morrison & Sons. Mr. Wilmot and Guy Morrison went to Kansas City Tuesday morning on the rattler and returned in the evening with the truck. The truck is painted in the colors of the Pin-Ton grocery and will be used in making deliveries in town.

Cutting Scrape.

Monday night about 8:15 o'clock, Clarence Hall, negro porter at the Veach salon, was severely cut about the body by William Renick, brother of Neil Renick, who assaulted Sheriff William H. Waddell, about a year ago. The cutting took place on Eighth Street. Renick is still at large.

Vince Owen Sells Prize Hogs.

Vince E. Owen Tuesday shipped twenty of his prize Duroc Jersey hogs to Hilcrest Stock Farm, Zarah, Kansas. The hogs were bought by A. D. Flinton, president of the Paramount Film Company. The hogs were all crated and shipped by express.

Chris Walk went to Kansas City yesterday morning on business.

Otto L. Long went to Kansas City yesterday to spend the day on business.

Dover Notes.

Harmon Wahl had business in Lexington Saturday.

Firman White of Kansas City was here Sunday.

Al Lewis had business in Lexington Saturday.

W. T. Starke of Higginsville was here this week.

F. L. Cox and Capt. Erx. Zeyzing had business in Lexington Monday evening.

William Dysart, Jr., of Kansas City arrived Saturday night for a few days' visit with his parents, Mr. and Mrs. W. H. Dysart.

Mrs. M. L. Montague and two children of Marshall visited relatives here this week.

Mrs. Hertha Brown of Kansas City spent Sunday here with Mrs. Will Straight.

Mrs. Mary Willie Ragland and small daughter, Mildred, are visiting with relatives in Kansas City.

We are glad to note that Mrs. Harmon Wahl, Sr., and Miss Elizabeth Slusher are both getting along nicely after undergoing surgical operations about two weeks ago. Mrs. Wahl is at her home here and Miss Slusher is at a hospital in Kansas City.

Will Neer is having a six room modern residence erected on his farm south of town.

Mrs. Meng Shelby of Lexington spent Sunday here. She was accompanied home Monday by her mother, Mrs. W. W. Cole and small sister, Elaine.

Mrs. Eliza Cox came home last Thursday from an extended visit to different points in Colorado and Kansas.

Mrs. Virginia Johnson and her daughter, Miss Bess, of Kansas City are visiting relatives here this week.

Mrs. Walter Pollard of Madison, Mo., arrived last week for a visit with her sister, Mrs. Frank Evans, and other relatives.

Miss Bessie Hall of Sweet Springs is the guest of her sister, Mrs. John Hodges.

Mrs. Hugh T. Winn and son, Hugh, Jr., left Tuesday for their home in Joplin after a short visit here with Mr. and Mrs. T. B. Winn.

Mrs. J. M. Winn went to Kansas City Saturday night to spend the fourth with her son, Hub Winn and family.

Mrs. Fred Zeysing was shopping in Lexington Tuesday.

Mr. and Mrs. George Slusher and baby son spent Sunday with Mrs. Slusher's sister, Mrs. Ben Wessell, near Waverly.

Mr. and Mrs. H. T. Redd, J. M. Redd and son, Menifee, and Wm. Straight were in Lexington Sunday afternoon.

Dover has a real live up-to-date Tennis Club, which promises to afford much pleasure to the young men and ladies of the town.

Miss Jean Zeysing came home Tuesday from a visit in Lexington.

Among the fans who went to Kansas City Monday to watch the Packers and Sloufed of the Federal league perform were E. J. McGrew, H. F. Blackwell, Jno. K. Taubman, Dr. B. T. Payne, E. T. Stier, Jas. Rankin, Jno. Bowman, W. H. Humphrey, Vernon Barnett, C. L. Wilson, I. H. Noyes, W. T. Tutt, H. T. Phillips and William Aull, Jr.

Farmers who wish to obtain the full market price for their wheat by marketing it themselves, as they do their livestock, will do well to write Hodgson-Davis Grain Company, Kansas City, Missouri, for any information they may desire.

7-9-4tf.

THE FALL ARMY WORM COMING

Government Warns Farmers to be Prepared to Meet the Attacks of This Destructive Pest.

Washington, D. C., July 8.—The presence of the fall army worm is reported in Southern and central Texas and there is every reason to believe that it will work its way northward as the season advances. Farmers in the line of its march, therefore, are being warned by specialists in the United States Department of Agriculture to keep a sharp eye upon their crops, especially alfalfa, corn and the sorghums in order to prevent pest from getting a start upon them. When they first appear the worms are very small and feed beneath matted grass, etc., but they grow rapidly and suddenly migrate in myriads to the corn or sorghum fields. If the ground between the corn rows is grassy the worms will probably originate there and feed there until partly grown before attacking the corn. There is danger therefore that before the farmer is aware of their presence he will find his corn stripped to bare stalks and his alfalfa to bare stems.

Where a close examination of a corn field shows the presence of the fall army worm actually attacking the corn, the Department of Agriculture recommends dusting the plants with powdered arsenate of lead, using from 3 to 5 pounds per acre, mixed with 2 or 3 times its weight of flour. This precaution is, of course, out of the question on forage crops or on corn afterwards to be used for fodder on account of the danger of poisoning stock. In such cases a hundred pounds of wheat bran may be mixed with a couple pounds of either Paris green or powdered arsenate of lead, preferably the former, and the whole mass worked into a stiff dough by the use of 3 to 4 gallons of molasses and the juice of a half dozen oranges or lemons added thereto. If this is sown broadcast on the ground where the worms are at work they will feed upon it and be killed. The worms, it has been found, will come to the poisoned bait from distances of from 5 to 10 inches.

In alfalfa fields the immediate cutting and curing of the alfalfa is advisable as soon as the infestation has been discovered. This will not only save the hay crop but will cut off the food of the fall army worm and check thereby the development of another generation which may be many times more destructive than the first. As soon as the hay has been removed from the field, the ground should be rolled with a heavy roller or brush dragged, or the poison bait can be used.

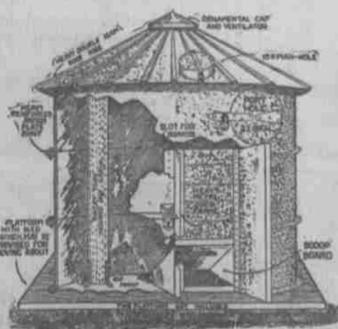
The habit of the moths of descending an inch or two into the ground in order to pass into the pupal state is of great importance in their control. It has been estimated that shallow cultivation will destroy from 50 to 90 per cent of the insects at this time, the efficiency of the measure depending upon the thoroughness with which the work is done. In alfalfa the use of the spiked tooth harrow or the alfalfa cultivator is best unless it is known that disking is not injurious to the plants. Cultivation of the ground between the rows of corn has been found

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