

April 15, 1920

LEXINGTON, KENTUCKY

Vol. III. No. 11

Horse Superior to Tractor in Solving High Cost of Farm and Transportation Work

The assumption that we are fast approaching a horseless age is not borne out by facts, says Professor J. J. Hooper, professor of Animal Husbandry of the University of Kentucky. It is being found that in all sections of the United States the horse supplies power economically for many types of city work and that tractors have not successfully displaced this animal on the farm.

Bulletin 222 from the Experiment Station of the University gives data gathered from 320 farmers who have used tractors. It was found by these farmers that on large farms, averaging more than four hundred acres, tractors can displace advantageously only one team of horses or mules where five are now worked, leaving 80 per cent of the farm power to be supplied by horses. The tractor cannot render economical and efficient service in plowing small and irregular fields or in cultivating growing crops.

Considering the life of a \$1,400 tractor as seven years, and adding cost of repairs, oil and gasoline, it was found in this study that the tractor cost more than horses per hour of work. The owner of farm mares can also

cash dividends annually by the sale of colts. For instance, a Kentucky farm mare, working almost every day, produced ten colts that sold for an average of \$150 each for weanlings.

The bulletin also brings out the fact that in cities delivery by horses costs 6-14 cents per bundle, and by motor 8-15 cents. Secretary Wayne Dinsmore of the Horse Association of America reports that the Livingston Bakery in Chicago found that it cost \$58.60 a month to maintain a horse and \$171 to maintain an automobile. The life of the horse averages eight years on the street while automobiles are junked in an average of three years, says that investigator.

For several years automobiles have monopolized roads. Farmers and horsemen have found roads constructed in the last few years almost impossible for the horse, as their surface is much too slippery, especially in winter. The government appreciates the predicament and is planning to give the horse more consideration in road construction. This information will prove gratifying to farmers and owners of horses, who have been greatly embarrassed by slippery road surfaces in the last few years.

"Wolves and Lambs" to be Given at Little Theater

"The Wolves and the Lambs," by W. M. Thackeray, will be presented by the Philosophical Literary Society in the Little Theater at the University of Kentucky some time the latter part of April.

The members of the cast are:
Horace Millikin Elizabeth Kraft
Julia Prior Mary Elizabeth James
Lady Kicklebury Ruth Kelly
Mrs. Bonnington Frances Bethel
John Howell Jennie Simmons
George Touchitt Mina White
Mrs. Prior Amanda Forkner
Clarence Kicklebury

Margaret Harbinson
Mary Lora Robertson
George Millikin Lucile Moore
Arabella Millikin Elizabeth Brown
Mr. Bonnington Kathryn Reed
Bulkley Edna Snapp
Page Mary Hardy Ligon

Tau Kappa Alpha Frat. Re-organizes at U. of K.

The Tau Kappa Alpha, honorary Debating Fraternity, pledged the following men at their annual pledging exercises held in the college chapel:
Milton Revill, Lexington; L. F. Biscoff, Louisville; Jasper McBrayer, Lawrenceburg; E. Hardin, Professor Julius Wolfe and J. T. C. Noe.

This fraternity, which formerly existed at the University, has been reorganized here this year. The qualifications for membership are representation of the University in oratory.

University Leads in "America's Gift" Fund

The University of Kentucky led all organizations and institutions in Lexington in contributing to the "America's Gift to France Fund," according to the final report of W. L. Threlkeld, chairman of the Fayette county campaign. The contributions of the University faculty and students amounted to \$169.90.

University Heads to Speak at the K. E. A.

The University of Kentucky will be represented by speakers at the Kentucky Educational Association to be held in Louisville April 21-23:

At the general meeting, held Wednesday afternoon, Doctor F. L. McVey, president of the University of Kentucky, will speak on Financing the New School System in Kentucky. Professor McHenry Rhoads, supervisor of High Schools, will address the meeting the same afternoon on The Opportunity of the Kentucky High Schools.

At the Departmental meetings—Science—Doctor W. D. Funkhouser, department of zoology, will speak on "Zoology as a High School Subject." History—Doctor Edward Tuffill, "The College and Patriotic Americans."

Higher Education—President McVey, "Should the Four Year College Course be Organized on a Junior and Senior Basis?"

Home Economics—Miss Mary Sweet, head of the department of Home Economics, "Teaching Home Economics in the Rural Schools."

Agriculture—Professor George Roberts, department of Agronomy, "Training of Agricultural Teachers in Kentucky."

Co-eds Elected to Y. W. C. A. Leadership

Prominent co-eds have been elected to lead the Y. W. C. A. for the following year: Miss Lillie Cromwell, of Cynthiana, prominent member of the Junior class, an untiring worker in University activities, was elected president; Miss Lula Blakey, of Beattyville, was elected vice-president; Miss Elizabeth Kraft, of Louisville, secretary, and Miss Bernice Young, of Pineville, treasurer. All are prominent students at the University and were former members of the Y. W. C. A. Cabinet.

"High Cost of Education A Menace to Democracy"

"The increased cost of living for students is rapidly becoming a menace to democracy," declares President F. L. McVey of the University of Kentucky in his quarterly report before the board of trustees. The problem of housing students, while some relief is seen in a plan to lease and erect Fraternity houses on the campus, continues serious. The cost of living in Lexington has increased for the students from twenty-five to thirty dollars a month a few years ago to fifty or sixty today.

"Not only has the housing situation for students become critical," said he, "but many faculty men, coming to the University, have been unable to find houses suitable to their means. Many faculty members, it is stated, have been forced to pay from 25 per cent to 33-1/3 per cent of their salaries for house rent.

At the meeting members of the board of trustees gave more than \$1,000 to the Students' Loan Fund. R. C. Stoll and Mr. Richard P. Ernst each gave over \$500; Irvin Lyle gave \$250, and Superintendent Colvin \$100.

The insurance on the buildings of the University was increased to approximately a million dollars and awarded to the firm of Klair & Scott, to be by them distributed among other insurance companies.

Members of the board present at the meeting were: R. C. Stoll, Lexington; R. G. Gordon, Louisville; R. P. Ernst, New York; J. Irvine Lyle, New York; Rainey T. Wells, Murray; J. W. Turner, Paintsville; Senator H. M. Froman, Ghent; Frank McKee, Versailles; W. C. Hanna, Frankfort; George Colvin, Frankfort; J. R. Rash, Henderson; W. H. Grady, Louisville; P. Preston Johnston, Lexington; and Thos. L. Hornsby, Eminence. Governor Morrow was unable to be present.

University Professor's Work Notably Recognized

Julius Wolfe, professor of Steam Engineering at the University of Kentucky, has received deserved recognition in the March issues of "Combustion" and "Southern Engineer," through articles published in these magazines.

"Combustion," devoted to Power Plant Engineering, stars Professor Wolfe's article on "Mechanical Soot Blowers." The article is announced on the cover page and its illustrations show various types of soot blowers. The editor's note praises the article because "the author tells in a clear, interesting manner how soot blowers can be appreciated as a necessary adjunct to efficiency, and why."

From the beginning the article recounts the story of the battle against soot in steam boilers up to the most modern appliances available today.

The second article, which appears in the "Southern Engineer" printed in Atlanta, Ga., is a scientific discussion of the method of combining the indicator cards of a compound engine. Professor Wolfe carefully and explicitly discusses the practical method of combining the indicator cards so as to save much of the labor of ordinary procedure.

Strollers Play to \$1,500 Box-office Receipts

Playing before a sympathetic and interested audience the Strollers, dramatic club of the University of Kentucky, scored an undeniable success when they staged "The Glambers" the two nights of April 8 and 9 at the Lexington Opera House.

Nearly every fraternity, organization and class of the university was represented in the cast, which follows:

Richard Sterling—Emery Frazier, of Lawrenceburg.

Edward Warden—Milton Revill, Lexington.

Frederick Mason—Preston Cherry, Bowling Green.

Johnny Trotter—Grover Creech, Pineville.

Howard Godesby—Fred Augusburg, Lexington.

Doctor Stinchart—Aurynne Bell, Eminence.

Ryder—Harry Brailsford, Louisville.

Servant at Trotter's—Frank Wedekemper, Louisville.

Jordan, Butler—William Finn, Burlington.

Leonard, Footman—Terrill Corn, Harrodsburg.

Master Sterling—Nancy Smock, Harrodsburg.

Servants—J. E. Williams, Ashland; John Land, Nicholasville.

Mrs. Sterling (nee Blanche Hunter) —Mary Elizabeth Downing, Louisville.

Miss Ruth Hunter—Martha Buckman, Henderson.

Mrs. Hunter—Claribel Kay, Springfield, Ohio.

Jessica Hunter—Carlisle Chenault, Maysville.

Clara Hunter—Louise Connell, Paris.

Miss Julia Godesby—Elizabeth Marshall, Lexington.

Miss Eleanor Sillerton—Margaret Smith, Maysville.

Tompson, Mrs. Hunter's Maid—Norma Rachel, Union.

Marie, Clara Hunter's Maid—Mary E. Lyons, Lexington.

Guest—Myrtle Clar, Louisville.

Herndon Evans, Frankfort, and Robert Raible, Louisville, deserve much credit for their work as stage and business managers. The gross receipts of the play were about \$1,500.

Music was supplied by the University Orchestra under the direction of Prof. Carl Lambert. The various stores and business houses of Lexington provided costumes, hats, men's clothing and furniture.

Cafeteria Outgrowing Its Present Quarters

At the regular monthly meeting of the Executive Committee of the Board of Trustees of the University of Kentucky, held in the president's office, the request of the United Daughters of the Confederacy through their Georgia representative for the granting of scholarships available for that organization was rejected because of inability of the University at present to grant scholarships outside the State.

The advisability of moving the University cafeteria from the basement of the administration building to the basement of the Natural Science building where the cafeteria will have more room and where a faculty club room can be established near it was discussed and a committee was appointed to estimate the cost of necessary improvements.

Improvement of Tobacco By Selection of Seeds

High prices paid for recent crops of tobacco have stimulated interest in the crop to such a degree that farmers are giving closer attention than ever before to the quality of seeds they sow, with the idea of getting the greatest possible yield and the best grade of leaf. Evidence as to the acreage growers expect to plant becomes apparent early each year at the University of Kentucky, Experiment Station at Lexington, where quantities of tobacco seeds are brought for grading.

This work is done free of charge in the Department of Entomology and Botany, where the first lots were received this year at the Seed Laboratory in December, 1919. During this month 5,347 ounces were received. In January, 4,388 ounces were graded. In February, 2,983, and in March 1,785 ounces were graded; making a total for this season of 14,503 ounces, worth, at two dollars an ounce, \$29,006.00. About seventy-five per cent of the seeds were received in lots of less than a pound. Larger lots were in some instances brought in by persons who had grown them for sale.

Grading is done by machinery and removes light and imperfect seeds, leaving only the large, heavy ones—those that may be expected to produce perfect plants. It is a process of selection, and is believed by farmers to improve the crop decidedly in both yield and quality, a view with which those in charge of the work are inclined to agree, when they remember that the best plants are selected for growth of seeds in the fields.

Tigert Made President of Advertising Club

Doctor J. J. Tigert, head of the department of psychology, University of Kentucky, was elected president of the Blue Grass Advertising Club, which was recently organized by the representatives of advertising interests of Lexington, Frankfort, Richmond, and many surrounding towns of the Blue Grass Section of Kentucky.

The club will insist upon the observance of its motto, "Truth," in all advertising. Delegates from the club are to be sent to the meeting of the Associated Advertising clubs of the world in Indianapolis in June, the local organization having applied for a charter as a member of the international association.

Noted Engineers Give Lectures to Seniors

Two noted engineers came to the University of Kentucky for the week of April 12 to instruct the Seniors in the College of Engineering in important points of engineering affecting heat and ventilation.

L. Logan Lewis, secretary and production manager of the Carrier Engineering Corporation, of New York, the largest organization of its kind in the world, spent the entire week working over the drawing board with the Seniors, giving lectures and laboratory tests on the problems of heat, ventilation and air conditions. The solution of "fan" engineering problems is the work of Frederick R. Still, vice-president of the American Blower Company, Detroit, considered in the engineering profession one of the leading experts in "fan" engineering.