

BOARD OF AGRICULTURE REVOLUTIONIZES FARMING

Teaches New Methods of Feeding Stock, Fights Disease, Holds Institutes, Works for Good Roads and Educates Boys.



GEORGE B. ELLIS.

Copied on enduring parchment, a resolution by the Missouri State Board of Agriculture, in favor of the erection of a new building for the College of Agriculture at the University of Missouri, was put into the cornerstone when it was laid this morning. The Legislature, during the April after this resolution was adopted, passed the bill appropriating \$100,000 for the building.

The resolution was adopted in December, 1906. It asked that \$200,000 be appropriated for the building, and set forth the advantages which would accrue from such an appropriation. A roster of the members of the board was placed with it in the cornerstone.

Board Half Century Old.

Since its organization in 1855, the State Board of Agriculture has had a continuous existence, yet there are many persons in the state who know little of what it has accomplished and what it is trying to do for the uplifting of the agriculture of Missouri.

Some of the most distinguished farmers and live stock breeders of Missouri have served on the Board. At present the membership includes the first Secretary of Agriculture of the United States, Norman J. Colman, who is editor of an agricultural paper as well as a breeder of standard horses.

The executive officer of the Board is Secretary George B. Ellis, who has charge of the publications of the Board, the monthly crop reports and agricultural and live stock statistics, farmers' institutes and state farmers' conventions.

Revolutionizes Farming.

The publications and farmers' institutes have revolutionized farm practice in Missouri. Old methods of feeding corn, corn fodder, timothy or prairie hay, the year round, are now supplanted by modern methods of feeding clover, alfalfa or cow-pea hay with corn, supplemented with oil meal, cotton seed meal or some other feed of like nature. While the price of corn has greatly advanced within the last few years, the cattle feeder who practices the methods taught by the Agricultural College and Experiment Station, in co-operation with the State Board of Agriculture, is getting enough more pounds of beef for 100 bushels of corn to offset the high price of the corn he is feeding.

New Methods of Feeding.

Instead of feeding hogs straight corn as of old, the method now is to mix with the corn cheaper feeds so as to

reduce the cost of making a pound of pork. Again supplementary feeds such as oil meal, bone meal, tankage, etc., are used for winter feeding; and feeding hogs on clover, alfalfa and other pastures during the summer season.

Through the State Veterinary Department of the Board of Agriculture, contagious diseases of live stock are controlled or are stamped out entirely.

A system of immunizing hogs against hog cholera has been practically perfected by the Missouri Experiment Station.

As soon as any disease breaks out in any part of the state and notice is received at the office in Columbia, the State Veterinarian or one of his deputies is notified to visit the neighborhood, put the diseased animals in quarantine, tell the farmers how to prevent the spread of the disease and to get rid of it among the animals already affected.

Fight Against Tuberculosis.

During the last eighteen months more than 2,000 head of cattle have been tested for tuberculosis and about 5 per cent of that number have shown the disease. The disease, which has caused great loss in some eastern states, is just beginning to show itself in Missouri.

A useful department of the State Board of Agriculture is that of State Highway Engineer, which was created by the last Legislature. The object of this department is to assist in the construction of better roads. At present the State Highway Engineer and his assistant are devoting their time to road improvement. Their work is at present largely educational. Assistance is given to county courts, county engineers and overseers in adopting better methods for practical road work and in the expenditure of road funds of the various counties. Many counties are reporting a great saving in their improvements in the way of permanent concrete culverts and bridges which take the place of the old wooden, short-lived structures.

Exploits State's Resources.

The Board has recently taken up the work of exploiting the resources of Missouri, and has placed in charge of this work W. L. Nelson, of Bunceon. The first work will be to show the natural advantages of Missouri in order to attract investors; and the second work will be to acquaint the people of Missouri more fully with the natural advantages of this state over those of adjoining states.

Another new work recently taken up by the Board is that of holding schools of agriculture in different parts of the state. Two weeks' courses in stock feeding, stock judging, history of breeds of live stock, road making, soil improvement, cultivation of crops, seed selections, dairying, live stock sanitation and general farm practice, are given in connection with high schools and normal schools of the state.

The holding of Farm Boys' Encampments for a week at a time, where instruction in all lines of practical farming is given, is a popular feature of the work of the Board. During the last summer a number of encampments were held, at each of which from fifty to 250 boys were instructed. One feature of the encampment different from the short course is that of entertainment in high class athletic sports. This makes the work more attractive to the boys.

the new agricultural building. He said in part: "Agriculture has made wonderful gains in the last ten years. I can remember twelve years ago, when every one sneered at the idea of a school for farmers, but all that opposition has died away now. At present the boys who are graduated from agricultural schools generally take important positions in the agricultural world. There are now more than 100 graduates of the school here who are teaching agriculture in different parts of the state."

Norman J. Colman said in part: "I can remember when the fight was made to put a department of agriculture in the State University. With the aid of James S. Rollins the school was finally assured and the people now realize that this was the best thing that could have happened. It was thought at the time that if the schools were united the other departments would take all of the appropriations and leave the agricultural department to starve to death. But this did not prove to be the case, as this appropriation of \$100,000 has just shown." Mr. Colman told of his appointment as United Commissioner of agriculture and gave a brief history of the experiment stations.

Dr. B. T. Galloway said in part: "The farmer is now looked upon as the backbone of the country, and in order to have successful farming we must have educated farmers. Missouri has one of the greatest agricultural schools in the country and it is improving wonderfully each year. The farmers throughout the country now have a new slogan and that is 'Show Me.' All farmers thus have become Missourians in a way."

Dr. Jesse said in part: "Thirteen years ago when I first assumed the duties of president of this University, the College of Agriculture was in disgrace; it was the standing joke of the state. 'Who can teach agriculture?' was the question that the farmers of the state were asking. We have demonstrated that it can be taught. We have the best faculty in the country, and in spite of calls from north, east, south and west, we have kept them for Missouri."

Best Faculty, Says Dr. Hill.

Dr. Hill said, in part: "We have the best faculty in agriculture in the United States. I am in a position to speak intelligently in this regard. I have been connected with several other universities, among them two of the best in the United States, Nebraska and Cornell, and I consider your faculty to be at the top of the entire profession in the nation."

In regard to the work of Dr. Jesse for the upbuilding of the Department of Agriculture, Dr. Hill said: "I thoroughly appreciate the work that has been done, and hereby pledge myself to do everything in my power to further the great work that has been handed down to me."

"The Agricultural Department of the University means more to the commonwealth than any other. It means a bettering of the conditions of rural life; it means a bettering of that profession that is at the foundation of all others."

Eulogizes Dr. Jesse.

Dr. H. J. Waters in his address eulogized the work of Dr. R. H. Jesse who in his inaugural address as president of the University of Missouri, said that his great purpose was to upbuild the Department of Agriculture. How successful he had been the present dignity of the department showed. In referring to the work that Dr. Hill will take up, Dean Waters said that even as Dean of the Teachers College of the University, Dr. Hill had shown a great interest in the Department of Agriculture, and he felt sure that this interest would grow in the future.

In a brief history of the teaching of agriculture, Dean Waters said that thirty years ago, agriculture was not a teachable subject, but that now it was not only taught in the universities and colleges of agriculture, but also in the high schools of the state, and in the near future it would be a regular part of the primary and entire public school system of Missouri.

In regard to the profession of agriculture in general, he said: "The great future of agriculture is to be in the Mississippi Valley. In Missouri, Illinois, Iowa, Kansas and the rest of the Great Valley is to be the future garden of the world. This country owes to the rest of the world an example in scientific agriculture. It is up to us to teach the rest of the world how to farm. The great question of the future is to preserve the independent farmer. The burden lies with us of the Mississippi Valley to keep the farmer free from the peasantry of the continent of Europe. The only way to do this is to educate the farmer. I am proud that I am in a position to assist in this great work."

CADETS AND BAND LEAD PARADE TO NEW BUILDING

The procession formed on the Quadrangle, in front of the old Agricultural building, just before 10 o'clock, and marched to the site of the new Agricultural building on the corner of Hitt street and University avenue. It was headed by the University Cadet Band, which was followed by the University Cadet Corps. The cadets were followed

I am going to give—

Watch this space

"The Store that Sets the Pace"

REVIVAL AT CHRISTIAN CHURCH IS CONCLUDED

Evangelist Breeden Wins 127—Compares Moral Men and Christians.

The Rev. H. O. Breeden closed the Christian church revival meeting last night with a sermon on "Can a Moral Man Be Saved?"

The Rev. Mr. Breeden developed his points mainly by contrasting the life of the moral man with that of the Christian. He granted that the moral man was of great service to a community and to the world at large and that he deserved credit, but said his weakness lay in refusing to accept Christ and thus shirking obligations.

There have been 127 additions since the revival began, 19 days ago. Prof. H. O. Saxton has given assistance with his solos and chorus directing.

Dr. Galloway to Speak.

Dr. B. T. Galloway, of the Department of Agriculture at Washington, will deliver an address at the meeting of the Scientific Association at 7:30 o'clock this evening in the Physics lecture room. His subject will be "The Work of the Department of Agriculture and the Opportunities it Offers for Young Men." The public is invited.

Dockery Speaks Tonight.

Former Gov. A. M. Dockery will speak this evening at the courthouse in the interest of the Democratic ticket.

by the prominent visitors, officers and curators of the University. Then came the Masons, the faculty, and students of the Agricultural College.

After the procession had arrived at the site of the new building, and after invocation by the Rev. W. S. St. Clair, and Grand Senior Warden of the local Masons, the cornerstone was laid with Masonic ceremonies.

Cornerstone Tested.

Former Gov. A. M. Dockery, grand master of the Masons, was master of ceremonies. He called upon the various officers of the local Masonic fraternity to test the stone. They reported that it was good.

The following articles were laid in the copper box of the cornerstone by Dean H. J. Waters of the College of Agriculture: A copy of the Bible, a record of the facts relating to the creation, location and maintenance of the College of Agriculture of the University of Missouri, a sketch of the University of Missouri, the second roll of honor, a copy of an act of the forty-fourth General Assembly of Missouri, appropriating money to erect the building, a model ear of corn, one copy of each of the Experiment Station publications for the current year, a copy of the fortieth annual report of the State Board of Agriculture for 1908, a copy of each of the Agricultural papers published in the State, a copy of each of the newspapers published in the county, a copy of the hundredth anniversary number of the St. Louis Republic, a copy of each of the University publications for the current year, several miscellaneous publications issued by the University in recent years, a list of the members and officers of the State Board of Agriculture.

Among Those Present.

Among those who witnessed the ceremonies were the members of the Missouri Dairy Association—P. P. Lewis of Crescent, president; L. Miller of Macon, C. W. Kent of Kansas City, J. H. Curran of St. Louis, and J. Charles Cabanne of St. Louis, B. H. Bonfoey of Unionville and George B. Dorsey of Columbia, representing the Board of Curators of the University of Missouri.

Masons taking part in the ceremony were: F. D. Hubbell, grand senior deacon; W. S. St. Clair, grand chaplain; Joseph Bauman, grand senior warden; W. W. Garth, grand treasurer; officers of the Acacia Fraternity, a student Masonic organization; J. W. Penn, grand junior deacon; G. W. Sneed, grand architect; Charles Evans, grand secretary; R. J. Ream, grand steward; Dr. D. F. Luckey, grand junior warden; W. W. Payne, grand marshal.

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DISTINGUISHED MEN SPEAK AT EXERCISES

Auditorium of Academic Hall Filled When
Addresses of Congratulation for the New
Agricultural Building Are Delivered.

(Continued from Third Page.)

Station at Washington, expressing his regret that he was unable to attend the exercises. State Senator Thomas J. Wornall, chairman of the Senate committee on appropriations, through whose efforts the appropriation for the building was obtained, wrote that illness prevented his attendance. To have been present at the laying of the cornerstone, he wrote, would have been one of the proudest moments of his life, his chief ambition in the senate having been to get the appropriation. The letter was read by Dr. Hill.

A. H. Drumet, of Montgomery City, state senator from this district, and Morton H. Pemberton, representative of Boone county in the State Legislature, who had been invited to speak, were not present.

SPEAKERS EXTOL WORK DONE BY COLLEGE OF AGRICULTURE

Former Gov. A. M. Dockery was the first speaker in the auditorium. He

explained the Masonic rites of laying a cornerstone. He said in part: "Thomas Jefferson first conceived a form of government where the people should rule and under that principle our present government was founded. Under that form of government we must have intelligent voters. Our fathers in Missouri were inspired by this Jeffersonian doctrine and under Gov. Dunklin they established the public school system that is now surpassed by no other commonwealth in the Union. That was the foundation of education in Missouri, but we must not rest on our past achievements. Greater things are yet to be. The World's Fair demonstrated that Missouri leads all other states in agriculture, then why not in agricultural education? The proudest moment in my life was when I voted for an educational system for this state, and I did everything in my power to advance education when I was governor of this state."

B. H. Bonfoey told of the fight for the appropriation with which to build