

# A BILL

FOR AN ACT TO PROVIDE FOR EXTENSION WORK BY THE IOWA STATE COLLEGE OF AGRICULTURE AND THE MECHANIC ARTS, AND FOR INVESTIGATIONS AND EXPERIMENTAL WORK BY THE AGRICULTURAL EXPERIMENT STATION AND TO MAKE APPROPRIATIONS THEREFOR.

BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

Section 1. That the Iowa State College of Agriculture and the Mechanic Arts is hereby  
2 authorized and directed to undertake and carry on a comprehensive system of Agricultural  
3 Extension work. This work shall consist in part, of giving instruction in corn and stock,  
4 judging at agricultural fairs, institutes and clubs; aiding in conducting short courses of  
5 instruction at suitable places throughout the state; in lectures and instructions in the growing  
6 of corn and other crops and fruits, on stock raising, dairying, land drainage and kindred  
7 subjects, on special trains and otherwise. This work shall be so planned as, in the judgment  
8 of those charged with its management, to best carry to the communities remote from the  
9 college, the benefits of the skilled instruction given by the teachers there and of the results  
10 reached in the work of the Experiment Station, in investigations relating to the improve-  
11 ment of corn, small grains and forage crops; the maintenance and fertility of the soil; the  
12 breeding, feeding and management of live stock; the origination, introduction and manage-  
13 ment of fruits; the production and marketing of dairy and other products and on related  
14 subjects.

15 That to carry out the provisions of this section, there be, and hereby is, appropriated out  
16 of any moneys not otherwise appropriated, the sum of twenty thousand dollars (\$20,000) for  
17 the year beginning July 1, 1906: Provided, that the funds appropriated by this act shall be  
18 expended according to plans agreed upon by the President, and the Dean of Agriculture of  
19 the Iowa State College and an advisory committee, consisting of the Presidents of the  
20 following organizations, to wit: The Iowa Grain Dealers' Association, The Iowa Corn  
21 Growers' Association, The Iowa State Agricultural Society, The Iowa Improved Stock  
22 Breeders' Association, The Iowa Dairy Association, The Corn Belt Meat Producers' Association,  
23 The Iowa Horticultural Society and the Agricultural Press.

Sec. 2. That it shall be the duty of the Iowa Agricultural Experiment Station to conduct  
2 experiments in the several sections of the state in order to determine the best methods of  
3 producing corn, oats, wheat, barley, clover, alfalfa and other crops in the different localities

4 and under the various climatic conditions of the state, and also for the purpose of disc ov  
5 those varieties which are best adapted to these conditions and to improve the varieties grown  
6 for special purposes, and that to carry out the provisions of this section, there be, and hereby  
7 is, appropriated the sum of fifteen thousand dollars (\$15,000) for the year beginning July 1,  
8 1906: Provided, that the work outlined in this section shall be carried out according to the  
9 plans agreed upon by the Director of the Agricultural Experiment Station and an advisory  
10 committee of four, to be appointed as follows: two by the Iowa Grain Dealers' Association  
11 and two by the Iowa Corn Growers' Association.

Sec. 3. That it shall be the duty of the Agricultural Experiment Station to make an  
2 accurate survey of the principal types of soil in the state and publish maps showing the  
3 location, extent and boundaries of each; to conduct a comprehensive series of experiments on  
4 each of these types of soil in order to determine what crops are best adapted to each of them  
5 and what methods of plowing, preparation of the seed bed, manuring and fertilizing, best  
6 tend to improve the physical condition of the several types of soil, so as to not only maintain  
7 but also to increase their fertility; to determine by laboratory, greenhouse and field experi-  
8 ments the treatment best calculated to bring into successful cultivation the numerous small  
9 areas of peat in northern Iowa, the alkali spots of the newer drift areas, the gumbo, ferretto  
10 and leached soils found in various sections of the state; to determine the most practical  
11 system of crop rotation for each principal soil type and to discover adequate methods for the  
12 prevention of soil erosion; and that to carry out the provisions of this section, there be, and  
13 hereby is, appropriated the sum of ten thousand dollars (\$10,000) for the year beginning July  
14 1, 1906, provided, that the work outlined in this section shall be carried out according to  
15 plans agreed upon by the Director of the Agricultural Experiment Station and an advisory  
16 committee of three to be appointed by the State Board of Agriculture.

Sec. 4. That it shall be the duty of the Iowa Agricultural Experiment Station to conduct  
2 investigations calculated to develop the beef, pork, mutton, horse and poultry producing  
3 interests of the state, and especially to devise and conduct feeding experiments intended to  
4 determine the most successful combination of feeding stuffs, particularly in the Iowa grain  
5 and forage crops, and to discover and demonstrate the most economical and successful methods  
6 of maintaining animals and properly finishing them for the markets; to investigate live stock  
7 conditions, both at home and abroad, in so far as they influence market values, and to publish  
8 the results of such experiments and investigations. To carry out the provisions of this section,  
9 there be, and hereby is, appropriated the sum of twenty thousand dollars (\$20,000) for the  
10 year beginning July 1, 1906: Provided, that the work undertaken and outlined in this section  
11 shall be carried out according to plans agreed upon by the Director of the Agricultural  
12 Experiment Station and an advisory committee of four members, of whom two are to be  
13 appointed by the Iowa Improved Stock Breeders' Association and two by the Corn Belt Meat

14 Producers' Association.

Sec. 5. It shall be the duty of the Agricultural Experiment Station to conduct investigations for the purpose of demonstrating the best methods of establishing and maintaining orchards in the different fruit districts of the state; for handling fruit in cold storage; for breeding hardy fruits; for controlling insects and fungi injurious to fruits and trees; also to pursue investigations in forestry, particularly with reference to the production of posts, poles, repair material and fuel and methods of increasing the durability of posts and other timber. To carry out the provisions of this section, there shall be, and hereby is, appropriated the sum of five thousand dollars (\$5,000) for the year beginning July 1, 1906: Provided, that the work undertaken and outlined in this section shall be carried out according to plans agreed upon by the Director of the Agricultural Experiment Station and an advisory committee of three, to be appointed by the Iowa State Horticultural Society.

Sec. 6. That it shall be the duty of the Agricultural Experiment Station to investigate the dairy conditions of the state; to discover and demonstrate improved methods of producing, manufacturing and marketing wholesale milk and other dairy products, and to promote the dairy interests of the state by such field assistance in the dairy sections upon farms and in the creameries and factories as shall tend to better methods and more uniform products; and that, to carry out the provisions of this section, there be, and hereby is, appropriated the sum of seven thousand dollars (\$7,000) for the year beginning July 1, 1906: Provided, that the work outlined in this section shall be carried out according to plans to be agreed upon by the Director of the Agricultural Experiment Station and an advisory committee of three, to be appointed by the Iowa State Dairy Association.

Sec. 7. That it shall be the duty of the Agricultural Experiment Station to investigate the diseases of live stock in the state and conduct experiments and investigations with a view of eradicating diseases of our domestic animals, such as swine plague, animal tuberculosis, the so called Bottom disease, contagious abortion, white scours in calves, corn stalk disease, parasitic diseases of sheep, diseases of poultry and other diseases of domestic animals, to the end that we may conserve and further increase the value of our live stock industry; and that, to carry out the provisions of this section, there be, and hereby is, appropriated the sum of ten thousand dollars (\$10,000) for the year beginning July 1, 1906: Provided, that the work outlined in this section shall be carried out according to plans agreed upon by the Director of the Agricultural Experiment Station and an advisory committee of three, to be appointed by the Iowa State Veterinary Association.

Sec. 8. That the committees representing the several associations herein named shall meet at such times and places as may be designated by the Dean of said College or the Director of the Agricultural Experiment Station, or upon a request of a majority of the committee; that they shall serve without compensation except for their necessary expenses,

5 to be paid out of the respective funds, and that said committees shall make to their respective  
6 associations, at their annual meetings, full reports of the work in progress under the provi-  
7 sions of this act.

Sect. 9. That the Auditor of the state is hereby authorized and directed to draw his  
2 warrant on the state treasurer for the sums herein appropriated, upon the order of the Chair-  
3 man of the board of Trustees of the Iowa State College, countersigned by its secretary and  
4 sealed with the corporate seal of said college: Provided, that no part of the funds herein  
5 appropriated, except in section 1 hereof shall be used for salaries of teachers, and that, only  
6 for extension work as therein described. And, provided, further, that any revenue arising from  
7 the operations of the several sections of this act shall revert to the funds of the several  
8 sections from which they were obtained, for further extension of the work of such section.  
9 Nothing herein contained shall be deemed to take away from the board of Trustees of the  
10 Iowa State College their lawful authority over the expenditure of all moneys appropriated to  
11 said college. The recommendations of the committees herein provided for shall be advisory,  
12 but the use of the moneys herein appropriated shall rest in the discretion of said board for  
13 the exclusive purposes herein set forth, and said board shall account therefor in the same  
14 manner as for other funds appropriated by the state legislature.