

February 19, 1951.

House File 463

Appropriation.

By HANSON of Lyon, MEYER, MILLER of Black Hawk, MUNGER, McFARLANE, SAR, SLOANE and WESTON.

Passed House, Date

Vote: Ayes..... Nays.....

Passed Senate, Date

Vote: Ayes..... Nays.....

Approved

A BILL FOR

An Act to make an appropriation for the agricultural experiment station at Iowa State College, Ames, Iowa.

Be It Enacted by the General Assembly of the State of Iowa:

1 Section 1. There is hereby appropriated out of the
2 general fund of the state of Iowa, not already appropriated,
3 to the agricultural experiment station at Iowa State
4 College, Ames, Iowa, for the following purposes and amounts
5 as set out herein, to-wit:

6	1. Land use including soil conservation and	
7	drainage	\$110,000.00
8	2. Beef, dairy cattle and poultry nutrition.....	120,000.00
9	3. Pasture improvement and utilization.....	55,000.00
10	4. Farm management, marketing and public	
11	policy	30,000.00
12	5. Improvement of crop varieties, especially	
13	grasses and legumes.....	25,000.00
14	6. Weed and pest control.....	43,000.00

15	7. Rural housing, nutrition, child welfare,	
16	health and youth activities.....	18,000.00
17	Grand total appropriated.....	<u>\$401,000.00</u>

1 Sec. 2. The state comptroller is hereby authorized
2 and directed to issue his warrants to the agricultural
3 experiment station, Iowa State College, Ames, Iowa, for the
4 respective amounts set out herein, and the state treasurer
5 is hereby authorized and directed to pay the same from
6 the general fund of the state of Iowa.

EXPLANATION OF H. F. 463

Research is the key to future prosperity in agriculture, and it is poor economy to neglect this vital link in our agricultural development.

The fund specified in this bill would be earmarked and would have to be used for the purposes indicated. Much thought has been given to each part of the program, and the explanation given in connection with each item shows quite clearly the following uses to be made of this appropriation:

1. These are acute problems on every farm. Through this proposed expansion we will be able to develop efficient farming systems which take into account the different soil types, topography and climate of the state.

2. The program that has been carried on at the College in this area has been very restricted. Since a third of the farm income in Iowa is from dairy and beef cattle, a revitalized nutrition program dealing with these is most urgent. The emphasis will be toward reducing losses of young animals and in developing highly efficient and economical rations.

3. Forages are the key to our livestock and soil resources program. Unless we develop a new program in this area, the midwest will very likely lose much of its livestock industry to the southern states.

4. Efficient farming depends on a proper combination of human, economic and physical resources followed by orderly marketing of high quality foods and fibers. Public policy has become closely tied up with these areas.

5. Breeding for corn borer resistance, better adapted varieties of alfalfa, other legumes and grasses is basic to Iowa farming. The field of grasses and legumes is in special need of expansion.

6. Economic and efficient methods for weed, insect and plant disease control are new. Much refinement is possible, and we are under constant pressure to expand the work.