

HOLDEN LEAVES IOWA COLLEGE

The "Corn Man" Joins I. H. C.
Service Bureau.

TO HELP PUSH WORK FORWARD

Co-Operation Movement for Larger
Crops, Better Roads, More Pro-
perous People and a
Better Nation.

This marks the beginning of a new and greater business service. It is a co-operative movement for larger crops, better roads, happier homes, more prosperous people, and a richer and better nation. That is to say, the I. H. C. Service Bureau proposes to help do for all the states and for Canada what Holden has done for Iowa.

After considering many offers, and after an investigation of the company and its works, Professor Perry G. Holden has entered the service of the I. H. C. Service Bureau at Chicago.

Professor Holden is known wherever real agriculture is known. His whole life is one of service. He originated the idea of carrying information direct to farmers. He is the father of the demonstration train, short school courses, the corn show, county



PROF. PERRY G. HOLDEN.

demonstration trains, and the National Corn Exposition. As head of the extension department of Iowa State College of Agriculture he did a work which, as Mr. Cummins says, up to the present time has increased the wealth of Iowa \$20,000,000.

The object of the I. H. C. Service Bureau is the promotion of agricultural education, and a co-operation which will tend to raise the whole tone of commercial, industrial and farm life. Since agriculture is the basis of prosperity and progress, naturally farm problems claim first attention. The aim is higher efficiency, both on and off the farm.

To do a big work a big organization is necessary. Not only the bigness, but the perfection of the international organization as well appealed to Professor Holden. The big general agencies, scattered all over the United States and Canada, the salesmen, travelers and expert machine men; the 40,000 dealers—every one, so far as possible, is to be made an apostle of better farming.

For years the International Harvester Company has realized the importance of service. It has spent millions of dollars in the perfection of labor-saving machines, and now the company is going in for direct service—direct to the farmers, and direct to the farmers' children, that the men and women of tomorrow may be more capable and more prosperous than the men and women of today.

It is no longer a theory that if we do not get the most out of life we must raise more per acre. "Intensive farming" is in the air. It is the cry of peace and plenty. But behind it is the result of mind and muscle. We must know, and not only that, we must know we know, and know why we know. We must know good seed from bad right at the time of sowing, and the why and whereof of climates, soils, fertilizers, cattle, horses, poultry, and so forth.

For these things the bureau was established. But the bureau, and Professor Holden are more than an average increase of a few bushels. They see a time coming when farmers will raise twice as many bushels of corn, wheat and oats to the acre, and like yields of all other kinds of farm products. They see a time when farmers and farmers' wives and their children will think more and work less. Every bushel raised means just that much profit, and the profits of the farm promote commerce and industry.

After a period of good work in Michigan agricultural college, better work at Illinois, and a great work at Iowa, Professor Holden now enters upon a world's work. While in future, Professor Holden will designate Chicago as home, he says he is not leaving Iowa—he is merely carrying Iowa to the rest of the world.

THE GOSPEL OF THE SUGAR BEET

Dr. Harvey W. Wiley Preaches
It to Farmers.

A WONDERFUL TRANSFORMER.

"Wherever the Sugar Beet is Cultivated," Dr. Wiley Declares, "the Farmers Are All Prosperous—America Fully Fifty Years Behind Europe.

"Farming practices in vogue upon a great majority of the cultivated tracts in America are obsolete," declares Dr. Harvey W. Wiley, former chief chemist of the Department of Agriculture. "In agriculture we are fully fifty years behind Europe, and the better utilization of our farm resources is one of the most important problems before the country.

"Old fashioned, slipshod methods of producing wheat and cotton and corn are still in vogue in over 95 per cent of the country devoted to these industries," said Dr. Wiley, continuing his impeachment of our lax farming methods. "The growing of these crops until within a few years could not have been ranked as agriculture, but should have been described as highway robbery of the soil. As a result the average production per acre of these crops has fallen to a minimum.

"Farming, for one thing, must be made more attractive. It should be made more profitable. This will be done as our farmers learn more thoroughly the principles of intensive cultivation and get a knowledge of the methods of feeding the soil and of the rotation of crops.

"To this end I have been preaching for the past thirty years the gospel of the sugar beet.

"The production of the sugar beet requires the highest style of intensive culture that science has been able to



DR. HARVEY W. WILEY.

suggest. The principles of feeding the sugar crops, the methods of culture and handling, the attention and skill of the workers, are such as to create in the beet field and factory devoted to sugar culture an agricultural experiment station of the highest type. The soil and climate conditions in the great part of the United States are therefore highly favorable to beet culture, and America is the greatest sugar market in the world.

"In the case of the sugar beet the crops which are grown in rotation with it yield very much larger returns than when the old fashioned system of agriculture prevailed. The reflex action of this influence becomes a benefit to American agriculture the value of which it would be difficult to measure in dollars and cents.

"Wherever the sugar beet is cultivated the farmers are all prosperous, no matter what kind of other crops they raise. The beet generally improves the productiveness of the soil in all kinds of agriculture. It causes the employment of more labor and indirectly benefits commerce and transportation and produces in every community conditions of prosperity in agriculture which it would be difficult to bring about in any other way.

"The culture of the beet brings into the neighborhood the large sugar factory using fuel and other raw material, with its consequent employment of laborers and experts, thus giving a better and more profitable market to the surrounding farmers for all their products.

"While there has been a general tendency toward the reduction of tariff duties, this tendency has not reached in many cases the extent of the abolition of import duties altogether. In any changes of this sort let us be as possible be saved to the farmer. In view of the great importance of domestic sugar production to the prosperity of the American farmer, if tariff adjustments are to be made, I believe that this should be the last rather than the first point at which to remove the customs duty.

"One of the best things about sugar beet culture from the point of view of agricultural improvement is that it fits in so perfectly with dairying and stock growing. It is, of course, one of the elementary facts of practical dairying that the rearing and keeping of live stock afford the easiest, cheapest and most natural means of improving the fertility of the soil."

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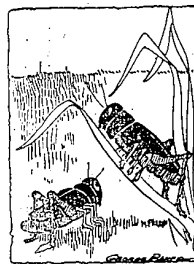
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stored to health. Testimonial letters, literature and Free Box sent upon request.

R. Lee Morris, president of the First National Bank of Chicago, Texas, wrote the Solace company as follows:

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Battle Creek, Mich.

Mrs. Peter Holan, 11501 Buckeye Road, S. E., Cleveland, O., had a little son with a bad case of whooping cough. She says: "He coughed until he was blue in the face. I gave him Foley's Honey and Tar Compound, and the first few doses had a remarkable and almost immediate effect. A few more doses cured him. Yes, indeed I can recommend Foley's Honey and Tar Compound." In the yellow package. Sold by T. H. McGee.

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Mr. Hiram Steele, 628 N. 6th St., Terre Haute, Ind., writes: "I came down with a severe case of kidney trouble. I had to get up too often at night, there was pain and much sediment, puffs under my eyes, back pained terribly, and I was dizzy. Foley Kidney Pills cured me quickly, and I feel 100 per cent better." Sold by T. H. McGee.

E. B. CAVELL, VETERINARY Surgeon. Graduate of Ontario College, now has his office in residence, corner of Cady and Center streets. Calls attended day or night. Both Phones, Northville, Mich.

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