

Henry Ford Sees Better Day for American Farmer

Mr. Ford Says Public Must Realize That "Farm And Shop" Need Products Of Other

DETROIT—Henry Ford, whose genius carried him to world industrial heights, foresees a better day for the American farmer, through public realization that:

"The farm and the shop each needs what the other produces."

This inscription on the wall of the Ford rotunda at Dearborn, characterizes Mr. Ford's idea of a "natural partnership" between agriculture and industry.

It is his theory that agriculture and industry suffer from ailments which can be cured by a partnership.

Said Mr. Ford: "Business is only exchange of goods. If we want the farmer to be our customer, we must find a way to become his customer."

That is exactly what Mr. Ford set out to do six years ago. The fact that he had passed three score and five milestones at the time did not deter him. He is a man of seemingly tireless energy.

Experimentation and development took time.

COMING FAST

Today, however, Mr. Ford declared the partnership is "coming so fast that we can hardly keep up with it."

It is an unusual story, a story of accomplishment, centering about the soybean, the farm product which has

found a place in industry, although for thousands of years it was known only as a food for human beings and animals.

Laboratories were set up and various farm products were subjected to experiments. It has found that oils, proteins, carbohydrates and fibers, valuable to American industry could be obtained. The soybean offered one of the greatest possibilities, both agriculture and industry being considered. Other products were not forgotten, but it was decided to concentrate on soybeans. "There was immediate need," Mr. Ford believed, "for the American farmer to become an industrial supplier and an industrial worker to aid himself in bettering his financial condition."

SOYBEANS PLANTED

Soybeans were planted on Ford acres. Cultivation as well as processing experiment, continued.

The oil from the beans was found to contain matter which could be used in making an enamel for painting automobile bodies. It was also discovered that the oil was quite effective mixed with sand to make foundry cores.

The meal, or residue after the oil was extracted is an excellent food for cattle because of its high protein content of 45 per cent. In the laboratories it was discovered that it could be used in the composition for making plastic mouldings, the horn button, the gear shift lever ball, the distributor case and cover, window trim strips and other moulded articles.

Thousands of gallons of oil and thousands of bushels of meal from beans harvested from the 4,000,000 acres planted in the United States this year will go into industrial products. The present market price of the beans is around \$1.18 a bushel and the yield varies from 15 to 20 bushels to the acre.

"We are still experimenting," Mr. Ford remarked today as he walked through a soybean field on one of his farms, just across the road from the house where he was born 73 years ago last July.

Suddenly he stopped, reached down and pulled up a plant and examined the roots.

GOOD ROTATION CROP

"It is a good rotation crop," he said, pointing to several little balls in the roots. "That is nitrogen, a soil builder. It is a drought resisting plant. Much of its food is absorbed from air through leaves."

Mr. Ford continued to walk through the field examining pods containing the beans and talking as he went along.

"You know," he said, "it is a good crop for farmers. The beans can be harvested after all the other outdoor fall work has been finished. It does not hurt the beans to have them freeze. And they don't require a great deal of cultivation."

Carrying still further his idea that the farmer become an industrial worker as well as a supplier Mr. Ford has developed a processing unit which he believes could be purchased or built by a group of farmers at a cost of from \$3,000 to \$4,000. The farmers, he contends could process their beans, extracting the oil, during the winter months when there is little work on the farm. The oil would be sold for industrial purposes and they could either sell the meal or feed it to their livestock.

Linked in Newest Film Romance



Astrid Allwyn and Robert Kent

Sweetest romance at the moment in the film colony, according to gossip, is that between Astrid Allwyn and Robert Kent, newcomers to the screen, who are seen above dancing in a Hollywood night spot.

This State Leads In Vegetable Growing

North Carolina leads all other states in the value of garden vegetables grown for home use.

That is the conclusion reached by M. E. Gardner, extension horticulturist at State College, after studying figures recently released by the bureau of the census, U. S. Department of Agriculture.

The figures did not cover Irish potatoes, but they included the other principal vegetables grown in American gardens. Mississippi stood next to North Carolina, and Tennessee ranked third.

The value of North Carolina's crop of vegetables grown for home use was placed at \$9,631,010. The Mississippi and Tennessee valuations were between eight and nine million dollars.

In 1935, North Carolina farmers also raised 95,684 acres of garden vegetables for sale, not counting Irish and sweet potatoes, Gardner observed.

This acreage was divided thus: Beans, 22,009 acres; cabbage, 8,518 acres; sweet corn, 9,619 acres; tomatoes, 5,420 acres; watermelons, 20,240 acres, and other vegetables except potatoes, 29,878 acres.

Gardner pointed out that the increased production and consumption of garden vegetables over the nation indicates a change in the dietary habits of the American people.

This is particularly true in North Carolina, he went on, where the people are paying more attention to a balanced diet and where farmers are seeking to live at home by producing on the farm as much of their food requirements as possible.

The greater consumption of garden vegetables is not only conducive to better health, he added, but it is also providing many families with another welcome source of cash income.

Metals Expand in Spurts

Research in commercial laboratories proves that even in a uniformly rising temperature metals expand in spurts.

COUNTY AGENTS' COLUMN

W. D. SMITH

It is time to begin to think about saving lespedeza seed for next year.

We have visited a number of excellent patches of lespedeza. We have in our office two seed pans for collecting lespedeza seed. These can be attached to the cutter bar of the mowing machine and seed can be collected this way very economically. We will dispose of these two seed pans to the first who call for them.

Several farmers have spoken to the county agent in the past two weeks about buying Guernsey heifers.

Those who wish to do this should communicate with the county agent at once, because the best buys can be made during the month of October and early November. Those who wish to buy registered Guernsey heifers should see to it at once. Prices are going to be much higher next spring, not only the dairy animals, but for beef animals as well. The beef cattle of Haywood county are running out due to the one big fact that we have animals of too poor quality to command good prices. Those who want to improve their herds and get better breeding stock should get in touch with the county agent and lay plans to get animals of the right type. Sales are being held during this month and the month of November. Only a few days ago we returned from an extension trip studying the beef cattle situation. Outstanding individuals were hard to find.

The county agent and assistants will be out of the office the last part of the week. The assistant agents will be at the State Fair with a team of 4-H club boys in the state judges' contest. The county agent and county soil conservation committee composed of: C. L. Allen, D. J. Boyd, and H. C. Reno have been asked to Raleigh to discuss the present soil conservation program and the program for 1937.

It is very encouraging that so many people are swinging to vetting and improvement this year. It is hard to find enough vetch seed to get around to all the calls. We have today enough inoculation postage cure of 40 more acres of vetch. 27 of this has already been handed out. This has just been received from the North Carolina department of agriculture, and can be secured as long as it lasts at the county agent's office at cost. Get your eye and vetch in this week if possible. The same is true for wheat. We hope our farmers will be liberal with their plant at least two bushels of wheat or rye per acre.

We have just received a statement from our district agent of rodent control work at Raleigh. These want to get some of this pest for killing field mice and other rodents which damage apple trees during winter months should let us know once in order that we may get the material.

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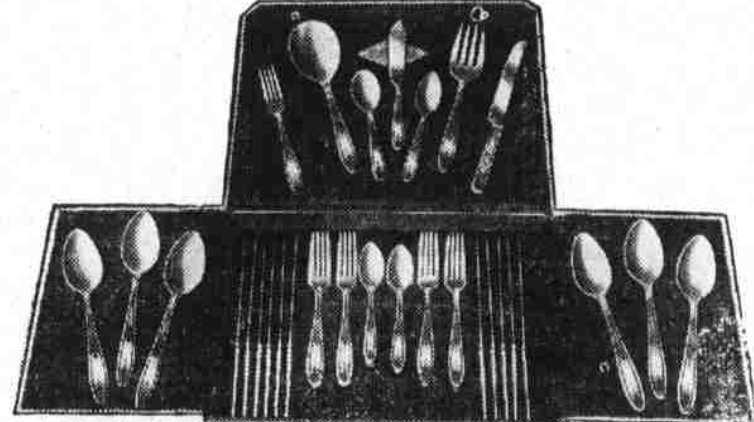
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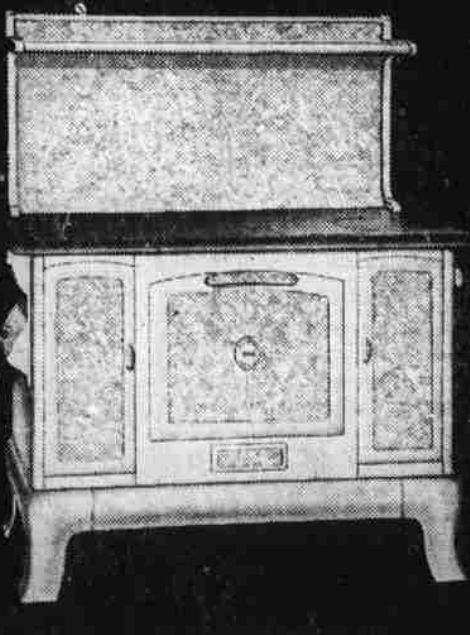
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