

U. S. Farms Could Support Three Times Present Population

BUT CONSUMER WOULD FIND LESS MEAT ON BILL OF FARE

Department Of Agriculture Studies Possible Situation When Country Is Peopled With 300,000,000; Producers To Be Hard Put.

WASHINGTON, Dec. 10.—Available land resources in the United States are fully capable of sustaining a population of 300,000,000 with no greater relative dependence on outside sources of food and raw material than exists today, say experts in the U. S. department of agriculture who have been working on problems of land utilization. But a population of that size would have to adopt a much different standard of living than the present population enjoys, and it would also have to maintain its productivity of farm and forest land at a considerably higher level.

This conclusion has been reached in a study of the relative standards of living in various European countries, particularly Germany and Great Britain. All the facts taken for the study are based on 1914 conditions.

It is not suggested, of course, that the United States should be allowed to drop down to European standards of living. Those standards are used simply as a measure of what is possible in the supply of food and raw material. Taken along with European standards of efficiency in land utilization, they indicate the direction in which the United States will have to work if it is to support a constant growing population without excessive dependence on foreign food resources.


Very considerable changes in consumption habits would be necessary to make our land resources suffice for 300,000,000 people, the department's statement says. This is particularly true of forest products. There would have to be a big reduction in the consumption of animal products. At the same time a large increase in the productivity of the land would have to be brought about. It is estimated by the department's economists, in fact, that it would be necessary to increase the average yield of crop land by nearly 50 per cent and to double the return from pasture and forest land. The experience of certain European countries shows this to be possible.

Resides the land now in farms there are in the United States about 600,000,000 acres more land physically capable of being used for crops, although much of it is of low productivity and would require expensive reclamation.

Some of this land, however, would have to be kept for pasture so that a right relationship would be maintained between crop and pasture land. In addition, there are about 4,000,000 acres of semi-arid land capable of use only for pasture, and about 270 million acres of humid land too rough for crops and probably best adapted for forests, with perhaps incidental grazing.

President Coolidge in a recent address to the Association of Land Grant colleges, at its annual meeting here, said the future of the farmer was guaranteed by the ever changing ratio between population and the world's food production. He predicted that it would be but a matter of years until the United States becomes a food importing rather than exporting country.

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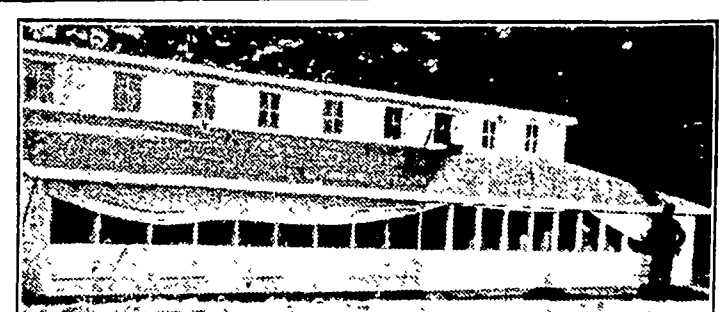
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LYMAN TELLS WHY HIS FLOCK OF CHICKENS IS PROFITABLE



After trying out various strains of Leghorn chickens several different methods of feeding and care and eastern egg markets, R. H. Lyman, living midway between Central City and Center Point, has his mind made up on some important points in connection with successful chicken raising.

The first is that English Leghorns are good farm chickens. If he has bought cockerels from several sources but has discarded a good many of them before ever using them, feeling he could not afford to use them if they were not of the type he wanted, even though he had a few dollars invested in them. His present strain he bought from a Missouri fancier. They are said to be good laying variety and there is no doubt but that they are as large as any Leghorns one will see anywhere.

The second important thing Mr. Lyman has found to his own satisfaction is that it pays to ship eggs to New York at certain seasons of the year. He figures it takes a margin of about eight cents a dozen between New York and local prices to break even. Anything over that margin is profit.

Mr. Lyman says last winter he made an average profit of 10 cents a dozen over local markets. This was after figuring out all shipping expense such as express, cartage, breakage and commission charges.

There is but little more work to shipping eggs than there is to selling them at home, he says. The expense does not pay well in eastern markets but at this time of year are usually good for greater profits. On one case last year Mr. Lyman shipped more than \$7,000.

A third thing on which Mr. Lyman is sold is good housing. The above picture taken on his farm testifies to that. He has a large number of hens but they have enough room. There is plenty of ventilation afforded by the open space in front, which can be closed by dropping the curtain shown in the picture. This house is of half monitor design with the upper windows throwing light on the roosts and the lower ones shedding it on the floor.

Has Four Reasons.

Mr. Lyman keeps laying mash in front of the flock at all times feeds a scratch feed, milk and a mixture of egg.

He is making a success of the chicken business and ascribes it to the above practices getting a good laying strain of birds, finding a profitable market for eggs, providing adequate housing and feeding for production.

Iowa Rids Itself Of 1,824 Re-actors In Month December

Waging its war against bovine tuberculosis, Iowa eliminated 1,824 reacting cattle in December according to the report of Dr. J. A. Barger, state inspector in charge of Eastern Iowa counties now under the Area plan. The report shows that 291 re-actors, Iowa county 445 tested, 11 re-actors; Jackson county 25,923 tested, 786 re-actors; Delaware county, 1,148 tested, 192 re-actors; Blackhawk, 827 tested, 35 re-actors.

No report was made on Benton county as the work there has just started. About three-fourths of all the cattle tested in the state were inspected under the Area plan and one-fourth by individual veterinarians.

Fuller New Tester Linn No. 2; Formerly Did Registry Work

A. W. Fuller, an experienced cow tester, has been named to fill the vacancy in Linn No. 2 caused by the resignation of Charles Moore. Mr. Fuller began work the first of the week.

He was formerly employed by the American Jersey Cattle club to do official advanced registry work in Iowa and has tested the Charles (Henderson) herd, Marion, previously.

Mr. Fuller has also attended Iowa State College.

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FIND NO PLAGUE BUT TAKE PRECAUTIONS

Full Text Thornburg's New Order Published; Usual Amount Cholera, Roup Are Found Here.

Every precaution is being taken by banders of mid-western poultry to prevent the spread of European fowl plague from the east and to keep flocks in Iowa and other corn belt states free from any serious epidemic. Continued inspections in various parts of the mid-west this week have again shown there is no European plague in the Mississippi valley.

The order issued by Secretary of Agriculture Mark Thornburg and reported on this page yesterday is not expected to interfere with shipments of Iowa poultry although it will mean an added precaution and consequently a little more bother.

In order to fully acquaint eastern Iowa poultrymen with Mr. Thornburg's order it is printed in full here.

That fact has been determined by the United States department of agriculture that European fowl plague is prevalent in New York and New Jersey. Now, therefore, L. M. G. Thornburg, secretary of agriculture, under authority by the provisions of chapter 125, sec. 2,590, Code of Iowa 1924, have adopted and will enforce the following quarantine regulation subject to changes:

Section 1: The movement or transportation of live poultry for any purpose from any point of origin inside the state of Iowa to any point in the state is hereby prohibited unless the cars, coops, crates or other containers have been cleaned or disinfected under the supervision of an authorized veterinary inspector of the Iowa department of agriculture, division of animal husbandry or inspector of the United States bureau of animal industry.

Section 2: The movement or transportation of chickens, ducks, turkeys, geese or birds from any point of origin outside the state of Iowa for exhibition purposes is hereby prohibited unless accompanied by a certificate showing they have not been exposed to European fowl plague or similar contagious diseases.

Section 3: The movement or transportation of fowl cholera, roup and other ailments but unusual or especially serious epidemic in this locality One farmer on the Lincoln highway between Mount Vernon and Cedar Rapids, is reported to have lost a large number of birds from cholera. The birds have not been exposed to European fowl plague or similar contagious diseases.

A statement from Dr. J. R. Mohler, head of the bureau of animal industry, says no flocks west of the Allegheny mountains have been found infected with the European plague. There is no ailment affecting poultry.

THE MERCHANTS NATIONAL BANK

REPORT OF CONDITION OF

At Cedar Rapids in the State of Iowa, at the close of business on December 31, 1924

RESOURCES.	
1. Loans and discounts, including real estate mortgages, acceptances of other banks, and foreign bills of exchange or drafts sold with indorsement of this bank (except those shown in b and c)	\$6,600,327.70
2. Overdrafts, secured, unsecured, \$408.40	408.40
3. A customers' liability account of "Acceptances" of other banks for account of this bank, and now outstanding	2,625.00
4. U. S. Government securities owned: a. Certificates showing they have not been exposed to secure circulation (U. S. bonds par value)	\$ 500,000.00
b. All other United States Government securities (including premiums, if any)	651,000.00
Total	1,151,000.00
5. Other bonds, stocks, securities, etc.	4,020,475.91
6. Real estate owned, including house	100,000.00
7. Lawful reserve with Federal Reserve Bank	1,252,289.53
8. Items with Federal Reserve Bank in process of collection	505,888.83
9. Cash in vault and amount due from national banks	684,783.08
10. Amount due from State banks, bankers, and trust companies in the United States (other than included in items 8, 9, and 10)	968,653.23
11. Exchange for clearing houses	105,054.20
Total of items 10, 11, 12, and 13	\$2,335,317.40
14. A checks and drafts on banks (including Federal Reserve Bank) located outside of city or town of reporting bank	7,077.27
15. Redemption fund with U. S. Treasurer and due from U. S. Treasurer	108,346.72
Total	116,422.00
Total	14,692,877.01
LIABILITIES	
17. Capital stock paid in	500,000.00
18. Undivided profits	5,092.47
19. Reserved for taxes, interest, etc., accrued	91,084.54
20. Amount due to national banks	500,000.00
21. Amount due to State banks, bankers, and trust companies in the United States and foreign countries (other than included in items 22 or 23)	1,737,594.05
22. Certified checks outstanding	5,141,632.02
23. Cashier's checks outstanding	35,332.37
Total of items 22, 23, 24, 25 and 26	\$6,010,328.65
27. Demand deposits (other than in U. S. subject to Reserve (deposits payable within 30 days)	2,740,205.03
28. Certificates of deposit subject to check (other than for money borrowed)	63,134.03
29. State, county or other municipal deposits—secured by pledge of assets of this bank or surety bond	147,937.71
30. Deposits requiring notice, but less than 30 days	210,112.14
31. Dividends unpaid	8,018.07
Total demand deposits (other than bank deposits) subject to Reserve, items 26, 27, 28, 29, 30, and 31	\$3,185,009.12
32. Time deposits subject to Reserve (payable after 30 days, or subject to 30 days or more notice, and postal savings)	448,224.20
33. Certificates of deposit other than for money borrowed	2,370,252.12
34. Other time deposits	4,308.52
Total time deposits subject to Reserve, items 32, 33, 34, 35 and 36	\$2,810,314.65
37. United States deposits (other than postal savings), including War Loan deposit account and deposits of "Unclassified" disbursing officers— a. Acceptances, issued by this bank for currency, and to furnish dollar exchange	115,874.59
38. Liabilities other than those above stated	2,625.00
Total	14,692,877.01

STATE OF IOWA COUNTY OF LINN ss. I, Mark J. Myers, Cashier of the above-named bank do solemnly swear that the above statement is true to the best of my knowledge and belief.

Subscribed and sworn to before me this 8th day of January, 1925

W. F. RYAN, Notary Public. (SEAL)

Correct—Attest: B. D. McCARTNEY, E. E. FIORELLI, W. M. I. DUSHKRE, Directors.

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HEEZEN SEES BRIGHT FUTURE FOR BUREAU

Believes 1925 Will Be Good Year; Report Of Work In 1924 Shows Activity In Many Lines.

VINTON, Jan. 10.—"The farm bureau has held its own better than the average business," said C. C. Heezen, Benton county agent, in a recent report on the year's work. "While membership has been more or less of a problem during the last year we have kept it almost intact. If we can do that in a time of depression the future looks bright for the next year, which we hope will prove the turning point toward better times."

In his report Mr. Heezen pointed out that the farm bureau was busy with several important projects in 1924, one of the most important being the enrollment of the county under the Area plan of tuberculosis eradication with 75 per cent of the cattle breeders signed up on the petitions.

In horticulture, Mr. Heezen reported co-operating with twenty-one spray rigs representing more than 500 farmers in addition to holding four spraying schools, three orchard pruning demonstrations, and grape pruning demonstrations.

Boosted Alfalfa. In farm crops the annual corn yield contest was conducted, soy-



KILDEE TO GIVE 2 RADIO TALKS ON PUREBRED SIRE

The Holstein Friesian extension service announced today that it had arranged a series of eight radio talks by prominent dairymen over station WLS. Of interest to Iowans in particular will be two talks by Prof. H. H. Kildee, head of the department of animal husbandry at Iowa State College, on the value of a purebred sire as shown by actual experiments. He will talk Jan. 20 at noon and also between 8 and 9 o'clock in the evenings.

THORPE CREAMERY DID GOOD BUSINESS IN 1924

EDGEWOOD, Jan. 10.—The Thorpe Farmers' creamery company met Wednesday and held its annual election of officers. A business of \$55,000 was reported for the year. The average cost of making one pound of butter was 4.8 cents and the average test of all milk received was 38. L. Hochkadny was elected secretary and Henry Wendall treasurer.

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