# Survey Shows Kinds Of Soil Tilled By Linn County Farmers

# **GOVERNMENT STUDY IS READY** FOR FREE DISTRIBUTION HERE

Surveyors Find 25 Types Of Soil In Linn; Give Present And Future Needs Average Farm: Erosion Becoming A Problem.

TWO MIN representing the United States department of agriculture and the soils section of the Iowa agricultural experiment station at Ames have gone over every section of land in I min county and made a complete survey of the soils They mapped the area of each type and noted the dramage and topography of the land

The report of their work, with additional general information and recommendations for handling the various soil types in the county so that they will produce the maximum yield of crops has now been put in pamphlet form and may be had free by writing to the Bulletin Section Iowa Agricultural Experiment Station Ames, it was announced today

to the state report which gives the

chicken raisers here made some of

however, went to a Lee county

woman whose White Leghorns had

a laying percentage of 241 and

a net income on 275 birds of \$111 87

This was after deducting a feed bill

Mrs. I A Schafbuch Marengo,

In the Rose Comb Reds Mrs

come from her flock of nearly

Many Rank Near Top

Among those getting mention in the Bured Rocks were Mrs Frank Rathjen Marengo Mrs A R Em bree, Mechanicsville, and Mrs F L

**NEW SOURCE OF LIME** 

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**ELECT NEW DIRECTORS** 

of the control of the

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of \$31 50

The highest flock in the

This report on the soils of Linn | county is complete containing sixty pages. It will be a valuable guide to every farmer in the county in solving his fertility and soil prob-Because it contains much general information concerning the agriculture of the county such as acreage and yield of crops amount both in egg production of their birds formation of the soils, it will be and net income received. According of waste land and history of the found of interest to bankers real estate men, agents for loan com-

26 Types Soll Here. The report contains a colored map of the county on which every section of land is shown and the various soil types are displayed in different colors. It is possible by studying this map and the descriptions of the coll types given in the report to de soil types given in the report to de termine just what type of soil is to be found on any parlicular farm later in the report definite recom endations are made for the proper

mendations are made for the proper handling of each soil type so that it will produce the highest crop yield and return the greatest profit an are The survey revealed that there are twenty-six distinct soil. Blairstown and Mrs Albert Stuart, types in Linn county
Samples of each soil type in Linn
county were taken by the men who Newhall were also reported Earl Smith Cedar Rapids was fourth in the state with a net in

county were taken by the men who made the survey and these were sent to Ames for analysis. It was found that almost all of the soils are acid and, need applications of lime in order to make them produce. the maximum of crops, particularly the legumes—clover and alfalfa. Most of the soils also were found to be rather low in phosphorus one of the important plant foods. Addi tions of phosphorus fertilizer will undoubtedly be found profitable on many of these solls in the near fu many of these soils in the near fu-ture and it might prove profitable

on some of them even now.
Tests are under way on the soil
yies found in Linn county to deter-mine the value of these various fer-The detailed results in crop yields of the experimental work being carried on in various parts of the state and on many different soil types is given in Bulletin 221 which may also be obtained free from the station at Ames Bulletin 113, "The towa System of Soil Management "
to another soils publication which
outlines the best proven practices
to, handling Iowa soils Farmers find these two bulletins valu-

is and these two outerns values, is supplements to the soil survey their own county and they will found valuable for those living counties in which surveys have t been conducted or reported Erosion Serious.

erosion or washing has be coine a grave problem in many varies of the county and the soil survey report makes definite recommendations for stopping or prevent warte of time county and the soil
survey report makes definite recommendations for stopping or prevent
ing this injurious action. Contour
discing is one method of idding.
Leaving patches or strips of sed is
recommended. Where guiltes basel.

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solemnly awear that the foregoing state
cont is full true and correct to the best
of our knowledge and belief
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presence by C J Lynch I E
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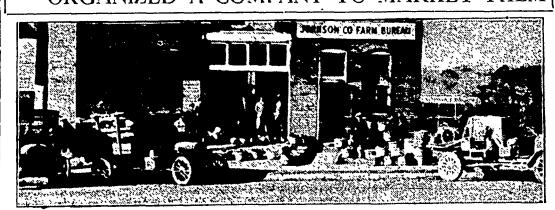
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## FIRST THEY PRODUCED MORE APPLES, THEN ORGANIZED A COMPANY TO MARKET THEM



Here is shown a recent scene in bureau office on one of the loading appeared when such wholesale orstory of how Johnson county's days, can be seen in the center and chard treatment led to greater prothe story of how Johnson county's days, can be seen in the center and chard treatment led to greater profarm bureau legan with one horse at the left drawn spray machine in 1922 and ended up with an apple marketing company in 1924.

One of the seven spraying machines that made the farmers sales one outfit in 1922, increased the number to more than 400 last season and which now has about one-half its company possible is shown at the content of the picture. Some of the page before this fall, most of them in South Dalaples stacked in front of the farm.

The marketing problem suddenly kota and Minesota.

### Mortensen Finds Huge Dairy Herds On Pacific Coast

vell toward the top for December AMES, Ian 7 .- Striking differ ences between the scale upon which dairying is conducted in California ind that on which it is practiced in laying percentages and profits of the middle west, are reported by the many record flock keepers at Iowa State college.

Professor Mortensen has just re turned from a two-weeks' trip to the Pacific coast, where he acted cheese and ice cream at the fourth annual Pacific Slope Dairy show Dairymen who milk 300 cows and more are not uncommon in Call

Iowa dairymen would not find it practical to keep such large dairy herds as the 'alifornians, says Professor Mortensen, but they might well pay as much attention as the westerners do to quality, both as regards the kind of cows kept and the products sold California dairy the products sold California dairy the products sold California dairy the products of the use of pure the currelled regard missinger. men are strong for the use of pure-bred sires and take pains to deliver-high class products to the market in many cases milk is delivered

# bree, Mechanicsville, and Mrs. F. L. Colyer, Center Point Mrs. Oscar At-derson, Garrison was eighth in Iowa in the White Wyandotte division with Mrs. J. C. Gardemann, Atkins, and T. S. Hurley Galwin following. Russel F. Lux. Hopkinton, upheld the honors for the White Leghoin men hereabouts, ranking eleventh Mrs. Charles Schuster Elberson, who has been a state leader in some months was in eighteenth place for December and Mrs. R. W. Branson West Branch, in twenty-fourth Mrs. Ted Kelty Vinton, was tenth in Buff Orpingtons. PIDIMA AND GERHOLT **BUY NEW DAIRY SIRES**

Ludvik Petrak southwest of Ce-der Rapids reports the sale of his senior herd sire Evergreenside Pon Among those keeping two or more purebred flocks eastern Iowans did best with were Willard Sherman Olin, first, Mrs E Mericle Toledo, third Mrs S O Hanson Vinton fifth, Mrs D. J Schnittje: Delhi eighth and Mrs G H Hattet, Independent of the form of the last four sources.

Ohn, 11134, and third Mrs S O Hanson Vinton Hun, Mrs D. J Schnattjer Delhi eighth and Mrs G H Harter, Indepen dence ninth Mrs A R Leffler Garrison, had third small flock in Garrison, had third small flock in the state of the s

# FIND FEW RE-ACTORS, IOWA COUNTY TESTS

Percentage So Far Is Only 1.67; First Shipment Of Infected Cattle Go To Market.

MARENGO, Jan 7 - The first re as one of the judges for butter, cently from Marengo to Chicago Only eleven head were sent, that being the total number of re-actors found in territory adjacent to Ma are not uncommon in Call rengo as a shipping point These was milking 375 and another animals were sold on foot, subject to

from this curtailed report misunder standings sometimes arise. The more complete chart is official Up to Jan 3 only two weeks of

Advertising is another actual testing had been done, due to unavoidable circumstances In this time 1 015 cattle had been tested, of which seventeen reacted, a percent age of only 1 67 However, while the rate of infection is low, it is not con-

rate of infection is low, it is not con fined to any particular locality but is scattered, no herd showing more than two re-actors

As soon as official appointments are received from the Iowa department of agriculture at Des Moines for Drs McCabe and Krause, those accredited veterinarians will carry forward the work in Filinore and Washington townships respectively Washington townships respectively

### CLUB GIRL NETS \$1,432 WITH TWO SWISS CALVES

BROWNTOWN, Wis., Jila Schmid ten year old ififty six advanced registry daughters. The dam is an advanced registry daughter of Colonel Beets Segls calves which she showed at several and is one of the old found then cows owned by Mr Petrak. In 1924 she made 16 997 pounds of miles and several colors.

# **PRIVATE DINING ROOMS** FOR CLUBS AND **ORGANIZATIONS**

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# Cedar Farm Bureau

schooley whee president trans, Thompson, secretary, Charles Swortz-lander, secretary, and Mrs Ralph Wingert, chairman of women's

Wingert, chairman of women's veterinarians, county agents or farmers. He expects to be an Committee reports were read and approved. Vera Saul spoke on the time promote hog sanitation work done by the girls' clubs and From his experience in fighting. Harry Mentvan gave a cheese foot and mouth disease. Dr. Buffingmaking demonstration for

A B. Davidson spoke to the men of the raising of alfalfa In the report of County Agent B Stephenson It was shown that he fornia One man present at the show was milking 375 and another had 600 cows in his milking here are used on individual farms

Towa dairymen would not find it practical to keep such large dairy herds as the 'tailfornians, says Pro
A chart signed by the federal in promoting to the distance as the 'tailfornians, says Pro
A chart signed by the federal in promoting to the show was milking 375 and another animals were sold on foot, subject to Stephenson it was shown that he herds around the center of infection, bad attended a total of 496 meetings he head attended a total of 496 meetings he said during the year at which the attend ance had been 15 797. Among other field of local veterinarians. Rather duties he made 464 farm visits Principles of the farm bureau to them, he said yesterday. He expected to the content of the promoting and the center of infection, bad attended a total of 496 meetings he said during the year at which the attend at total of 496 meetings he he said during the year at which the attend at total of 496 meetings he he said during the year at which the attend at total of 496 meetings he he said during the year at which the attend at total of 496 meetings he he said during the year at which the attend at total of 496 meetings he he said during the year cipal activities of the farm bureau to them, he sa last year dealt with animal hus pects to co-op bandry, dairying, poultry farm agencies into crops, solls, horticulture, junior animal health clubs farm engineering economics, loods, clothing and millinery,

# FEDERAL "VET" TO

Dr. Buffington, Of Bureau Of Animal Husbandry, Will Promote Sanitation And Fight Epidemics.

To aid in promoting swine sanitation and to have its official representative on the ground in the event of any disease epidemics which may break out in eastern Iowa, the federal bureau of animal industry, a branch of the United States depart-ment of agriculture has stationed one of its veterinarians. Dr L M Buffington, in Cedar Rapids

Buffington, in Cedar Rapids
Dr Buffington returned recently
from the foot and mouth war in
California and has had experience
in combatting epidemics. He has
helped for a few days with tuberculin testing in Jones county, whore
the Area plan has recently gone in
effect, and this week establishes
he headquarters here, subject to Available For Help.

ribis fall, most of them in South Daketota and Minesota.

Cedar Farm Bureau
Re-elects Elijah
County President

TIPTON Jan 7.—Earl Elijah
Clarence, was re-elected president of the Cedar county farm bureau at its annual meeting here Saturday (other officers elected were Harry Schooley vice president Thompson, secretary, Charles Swartz Innder, secretary, and Mrs Ralph Wingert, chairman of women's work in Benton county for example, where the McLean system of management is now attracting considerable interest He expects to spend a large share of his time in promoting swine sanitation in co-operation with state veterinarians, the Extension Service of lowa State college and local agencies He will do considerable work in Benton county for example, where the McLean system of management is now attracting considerable interest He expects to visit the farms of those who are trying the system and of any who indicate an interest in it.

If an epidemic of hog cholera breaks out if some area gets behind in its tuberculin testing. If some disease gives more than usual trouble in a certain locality. Dr Buffington expects to spend a large share of his time in promoting swine sanitation in co-operation with state veterinarians, the Extension Service of lowa State college and local agencies He will do considerable work in Benton county for example, where the McLean system of management is now attracting considerable interest He exceeds the farms of those who are trying the system and of any who indicate an interest in it.

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the ton told how he believed a hog cholera epidemic could be checked men One effective way would be to vac cinate all herds in the neighborhood

### Waubeek Man Buys Well Bred Guernsev BE STATIONED HERE From Goodlove Herd

Special To The Gazette. CENTRAL CITY, Jan. 7 .-- Mr Aller of Waubeek, recently purchased a fine Guernsey bull calf of

E. L. Goodlove, Central City. This calf is of Ne Plus Ultra breeding and gives promise of being a spiendid individual

Mr Aller has a good herd of Guernseys and Holsteins. He is making a good start in dairying and will soon have a good grade herd of Guernseys, it is believed

### SAYS POTATO EMBARGO IS NOT RETALIATION

IS NOT RETALIATION

WASHINGTON, D. C., Jan. 7.—
When asked whether the English embargo on potatoes might not be a retaliatory measure against the United States for placing quarantine

Was made in an address prepared for today's session of the organization's convention here by Walton Petcet, secretary.

Mr Petcet urged an educational movement that would reach "down through national, state and local leaders to farmer members of co-opposite of the propared for the general public." the Area plan has recently gone in a retaliatory measure against the effect, and this week establishes United States for placing quarantine his headquarters here, subject to call in case of any situation arising where emergency help is needed produce, Charles L. Marlatt, representing the department of agricultures against the department of agricultures.

senting the department of agriculture, replied that could not be the reason

He said those quarantines have been in force 12 years. The principal pests they sought to keep out of the country were the European cornborer, the Japanese beetle, the pink boll worm, on which the national government alone is spending \$500.000 year to combat, and the gypsy 000 year to combat, and the gypsy moth The ravages of those pests have cost billions of dollars here, he said

IMPLEMENT MEN MEET. DES MOINES Jan 7—The twenty-ninth annual convention of the lowa Implement Dealers association opens here tomorrow for a three day

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ŀ	Silver Fillings			\$1	.00
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### Daily Farm News For Farm Folk

Edited by C. P. STREETER

## WANTS EDUCATION IN CO-OPERATION

WASHINGTON, Jan. 7.—(By Associated Press.)—Recommendation that the National Council of Farmers co-operative associations undertake development of a national system of education on the co-operative movement was made in an address pre-

He advocated appointment of a committee to consider the entire subject and report to the national council at tomorrow's business session.

Asserting that inefficient manage ment was often a result of failure of directors to understand the rudi-ments of sound business practice and inability to pick real business executives for co-operative units, Mr. Petect suggested as a remedy a system of self education in co-operative



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so thorough, our equipment so modern and our experience so broad that failure to help you is highly improbable.

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