

# ANALYZING THE FARM BUSINESS

By R. B. COGLON.

Lane County Agriculturist, in Oregon Grange Bulletin.

In the earlier days of its existence the Department of Agriculture used the greater part of its resources in the study of new ways or improved methods of production. Within the past few years it has been found that production is not always the chief determining factor in successful farming. It has been found that farming is a complex business in which there is required a proper balance of the various units by which each is to be made profitable through its co-operation with the others. In other words there must be a correlation of grain production, hay production, livestock production, motive power, and all other parts of the farm and equipment so that each unit will add to the success of all the others. The Department of Agriculture therefore organized a branch of its service for the purpose of making analyses of a large number of farms in each county in order to determine whether there exists the proper relation of parts on these farms. Only by means of such surveys can an accurate diagnosis be made of the farm problems. Mr. H. Keys, a representative of this branch of government service was placed at work in conjunction with the office of the Lane County agriculturist during the months of August and September, 1915. The purpose of this article is to present briefly the salient deductions from these surveys to show how they can be used in reforming the general tendency of farming in this county.

The following table was prepared from the records of 95 farms. There are 16 of these farms which produced a net income of \$1148 for the year 1914 more than the average net or labor income from the entire 95. These 16 were set aside for the purpose of comparison in order to discover the difference in methods or circumstances by which the difference in net returns was produced.

	Average 95 best farms	Average 16 best farms
Total capital.....	\$14,561.00	\$15,547.00
Working capital (Machinery, stock, etc.).....	1,767.00	2,338.00
Acres in crops.....	93	98
Number of productive animal units.....	12	15

Note. From the standpoint of profitable production 1 cow is supposed to equal 5 brood sows, 7 sheep or 100 chickens.

## Classified Ads

For Sale, Rent, Wanted, Etc.

LOST—Signet ring with letter "B". Finder please leave at News office. 91

LOST—Ring, 1 white and 1 red agate. Reward. Return to Dr. J. E. Richmon.

FOR SALE—Nearly new 6-hole Banquet steel range with hot water coil and connections. Also two small heating stoves. See Beebe at Peery's drug store.

INFORMATION WANTED—Concerning the whereabouts of Elmer and Charlie Woods who worked at Saginaw during the summer of 1914 hauling wood. Any information would be appreciated. Address Peder Op-hus, Eugene, Ore. Jan. 27-13

LOOK INTO THIS At Once—the west 1/2 fractional block 58, west end of D street. House barn, wood shed, boarded well 58 feet deep; worth at least \$1,000. If taken at once \$600. Write to owner E. E. Basey, Orosi, Calif.

These facts do not account for the difference in net profits from the average of the 16 best farms. The difference in crop acres practically accounts for the difference in the amount of total capital invested. The difference in productive animal units makes up the difference in working capital. When it comes to a consideration of the sources of income, however, the value of these records is at once apparent.

	Average of 95 farms	Average of 16 best farms
Income from stock.....	\$661.00	\$1214.00
Receipts per productive animal unit.....	52.00	79.00
Receipts per \$100 worth of feed fed.....	90.00	152.00

It will be readily noted that these figures are not entirely accurate; this is largely due to the fact that most farmers do not keep accounting systems and therefore were not able to give accurate data. These inaccuracies do not account, however, for the fact that there is a difference of only 25 per cent in the number of productive animal units between the average of the 95 farms and the average of the 16 best, there is a difference of nearly 84 per cent in production; nor for the fact that there is a difference of 53 per cent in the production per animal unit; nor for the difference of nearly 69 per cent in efficiency in the use of the animals make of feed. These are clearly factors over which the farmers have almost absolute control. They are questions of breeding and feeding.

Further data shows that not only is profitable farming in this district governed largely by the kind and number of productive stock in general and the methods used in feeding, but net profits are directly related to the dairy industry. Where the receipts per cow are less than \$45.00 per year the labor income or net profit from the farm is from minus \$50.00 to minus \$250.00. Where the receipts per cow are above \$45.00 per year the net profits or labor income is from plus \$80.00 to plus \$200.00. These are averages and therefore mean that there have been found on these 95 farms, cows which will yield a great deal more than \$45.00 per year and others which will yield much less. The same is true of the labor incomes from these farms.

There is no good excuse for keeping unprofitable cows. A Babcock tester costs approximately \$5.00. Any dairy man can afford one; no dairy man can afford to be without one. By weighing and testing the milk from each cow regularly twice each month the unprofitable animals can be eliminated. Proper feeding rations can be grown in abundance or purchased cheaply; they can also be regulated according to the market value of the various materials; in nearly every case expensive feeds can be substituted by cheap feeds.

There are not many districts in Oregon where farming is unprofitable when the farming methods are adapted to the climatic, soil, and market conditions of those districts. These farm surveys show that where sufficient numbers of good stock are kept and economical and efficient methods of feeding are practiced, the farmers of Lane County are able to give themselves at least 5 per cent on their total investment, account for a 10 per cent depreciation in machinery, pay all legitimate expenses of running their farms and then have left a substantial salary of \$1200 per year or more for their own labor and managerial ability. The responsibility of the Granges in this county and state does not always end, nor should it always begin with efforts to regulate the legislative bodies at Salem and Washington. While not neglecting its opportunities for accomplishing great good through legislation it also should not overlook its responsibility in bringing about better methods on the farms and in the farm homes.

Albany has new department store with \$40,000 stock.

## RURAL CREDITS SYSTEM PROPOSED

The following points on a rural credits system for Oregon have been proposed by Dr. Hecht, Macpherson head of the U. S. and O. A. C. Bureau of Markets and Rural Organization:

1. Name: There is hereby established the Oregon Farm Mortgage Credit Association, which shall be a state institution with a branch in each county.

2. Purposes: The purposes of the Oregon Farm Mortgage Credit Association shall be to raise funds and make loans, secured by farm mortgages, throughout the State of Oregon.

3. State Farm Loan Commission: The Oregon Farm Mortgage Credit Association shall be under the control of the State Farm Loan Commission, which shall consist of the Governor of the State, Secretary of State, the State Treasurer, and Secretary of the State Land Board and five other members chosen to represent the Willamette Valley, Southern Oregon, the Coast Region, Northwestern Oregon, and Central Oregon, respectively. They shall be chosen for their ability to handle financial matters, and from their acquaintance with the rural credit needs of their various districts. The Farm Mortgage Credit Commission shall appoint a general manager who shall be responsible to the commission for the general management of the Oregon Farm Mortgage Credit Association. The manager, upon the approval of the State Farm Loan Commission, shall select his office force, appraisers and county representatives.

4. Membership: The members of the Oregon Farm Mortgage Association shall be farm land owners who have affiliated themselves with one of its county branches who have complied with the Oregon State Law and with the regulations of the Oregon Farm Mortgage Credit Association and secured a loan upon their land through this association.

5. Raising Funds: The common school fund, under proper safeguards, shall constitute a revolving fund which, together with the accumulated net annual surplus, shall be the original capital of the association. Upon the basis of the farm mortgages already let by the State of Oregon as security for the common school fund, the farm mortgage credit commission shall issue bonds in series of \$100,000 or multiple thereof, the interest and principle of these bonds to be guaranteed by the State of Oregon.

6. Conditions of securing Loans shall be made to farmers upon mortgages upon their land for an amount not to exceed 50 per cent of the appraised value of such land, exclusive of perishable improvements. A loan to any individual shall not exceed \$50 upon each acre of land owned, nor shall it exceed \$5,000 for each member. Each member shall make written application for a loan upon forms to be secured from the county branch of the Oregon Farm Mortgage Credit Association, and in this application he shall submit in detail the purposes to which he intends to apply the loan, and no part thereof shall, under any circumstances, be applied to any other purpose.

Interest and principal of all loans shall be payable upon the amortization plan in quarterly, semi-annual, or annual installments. At the end of three years, however, from the date securing a loan, the borrower shall have the privilege of paying off in addition to his regular

amortization installment, any additional portion of the loan he sees fit, and his future amortization installments shall include interest only upon that part of the loan remaining unpaid.

Each farmer obtaining a loan shall submit to a survey of his farm and equipment according to the forms used by the division of Farm Management of the United States Department of Agriculture. These forms are to be filled out before he obtains a loan, and at the end of each calendar year so long as he remains a debtor to the Oregon Farm Mortgage Credit Association.

**THOMAS BAILEY A CANDIDATE**  
Thomas Bailey has announced his candidacy for nomination as sheriff of Lane county on the democratic ticket at the primaries to be held in April.

Mr. Bailey has served as deputy sheriff under Sheriff Parker for four years. He resigned his position some time ago, but it was not until this week that he publicly declared himself a candidate for the sheriff's office. "There is an unwritten law in the democratic party that no person shall serve more than two terms," said Mr. Bailey. "I have been asked to submit my name

## CHURCH NOTICES

**Methodist Church.**  
Corner Second and B streets  
James T. Moore, pastor, phone 117-W.

Next Sunday—10 A. M. Sunday School.  
Be on time and come to make the study of "The Word" an act of true worship.

11:00 A. M. The Rev. Henry Talbot D. D., President of Willamette university will preach. Dr. Talbot has filled some of the most important positions in our church. He will be heard with great profit.

6:30 P. M. Epworth league.  
This will be a memorable meeting. Dr. Talbot will be present and speak to the young people. Be on time. All are most cordially invited.

7:30 Dr. Talbot will again preach. We are expecting a great day. There will be an announcement made Sunday morning that will startle, amaze and fill with thanksgiving every lover of the kingdom of God. Come to the morning service and hear them.

7:30 Wednesday evening choir rehearsal.  
7:30 Thursday evening prayer meeting.  
Come and bring your friends.

**First Baptist Church.**  
Rev. Will N. Ferris minister.

**Bible School at 10:00 A. M.**  
We have a lesson on personal and practical Christianity, study well. Come on time, bring a friend. Gilbert Miller, Supt.  
Devine Worship at 11:00 A. M.  
Sermon by Pastor, Theme, "Our world wide opportunity."  
Dr. Keeney Ferris will sing, "Take up the Christian's Burden," by Stanley.

6:30 P. M. Senior and Junior meetings.  
Evening service of song and sermon 7:30. Special music by Chorus choir. Dr. Keeney Ferris will give reading from "Hogan and Hogan." Humorous educational and inspiring. This will be the first of a series running through several weeks. If you miss this—you miss it. All are invited.  
Strangers always welcome.

**Church of Christ**  
9:45 Sunday School  
11:00 Junior Christian Endeavor  
11:00 a. m.—Communion and morning sermon.  
6:30 Christian Endeavor Rally.  
7:30 P. M. Evening Services.  
Wednesday 7:30 P. M. Prayer Meeting.  
Thursday 7:30 Choir Rehearsal.  
E. C. WIGMORE,  
Pastor.

**Free Methodist Church.**  
Sabbath School at 10 a. m.  
Preaching services at 11 a. m.  
Prayer and praise service at 7 P. M., preaching at 7:30 P. M.  
Tuesday, 7:30 P. M., Young people's prayer meeting.  
Midweek prayer meeting on Thursday at 7:30 P. M.  
A cordial invitation is extended to all.

**M. F. CHILDS**  
Pastor.

**ROBERT BURNS Lodge, No. 78, A. M. F., Ancient and Accepted, Scottish Rite Universal and Symbolic Free Masons meets first and third Monday evening in W. O. W. hall. Visiting brothers welcome.**  
P. A. Johnson  
Secretary.  
L. K. Page,  
R. W. M.

## NOTICE OF FINAL SETTLEMENT

Notice is hereby given that the undersigned administrator of the estate of John B. Innis, deceased has filed his final account with the County Clerk of Lane County, Oregon, and that an order has been made and entered of record directing this notice and setting Friday the 25th day of February, 1916, at the hour of 10 o'clock A. M., for the hearing of objections, if any to said final account and for the final settlement of said estate.

**SQUIRE INNIS,**  
Administrator of the estate of John B. Innis, deceased.  
JOHN C. MULLEN, Attorney.  
102-51-1w

## NOTICE FOR PUBLICATION

Department of the Interior  
U. S. Land Office at Roseburg, Oregon, January 5, 1916.  
Notice is hereby given that Joseph Wakenfield, of Vida, Oregon, who on August 1, 1911, made Homestead Entry Serial No. 87468, for the N 1/4 of SW 1/4, NW 1/4 of SE 1/4 and Lot 1 of Section 24, Township 18S, Range 3E, Willamette Meridian has filed notice of intention to make Final Three-year Proof, to establish claim to the land above described, before I. P. Hewitt, U. S. Commissioner, at his office at Eugene, Oregon, on the 15th day of February, 1916.  
Claimant names as witnesses: John Rennie, Eugene, Oregon; Louis Tate, of Vida, Oregon; John Low, of Vida, Oregon; Charles Neal, of Vida, Oregon.  
J. M. UPTON,  
Jan. 6-Feb. 10, Register.

## ADMINISTRATORS NOTICE

Notice is hereby given that the undersigned has been duly appointed by the County Court of the State of Oregon for Lane County, administrator of the Estate of Mary L. Koenke, deceased.  
All persons having claims against said estate are hereby notified to present the same, properly verified, to me at the office of Frank A. DePue, in Springfield, Oregon, within six months from the date hereof. Dated at Springfield, Oregon, January 4th, 1916.  
J. J. SMITSON,  
Administrator of the estate of Mary L. Koenke, deceased.  
Frank A. DePue, Attorney for estate.  
Date of first publication Jan. 6, 1916, last publication, Feb. 3, 1916.

## NOTICE FOR PUBLICATION

Department of the Interior,  
U. S. Land Office at Roseburg, Oregon, December 22, 1915.  
Notice is hereby given that William A. Taylor, of Landax, Oregon, who, on December 21, 1912, made Homestead entry Serial No. 68288, for SW 1/4, Section 32, Township 19S, Range 1 East Will. Meridian, has filed notice of intention to make Final Three-year Proof, to establish claim to the land above described, before I. P. Hewitt, U. S. Commissioner, Eugene, Oregon, on the 9th day of February, 1916.  
Claimant names as witnesses: Loyd McMaster, Lowell, Ore.; Ora Carter, of Lowell, Ore.; Lanny Winfrey, of Lowell, Ore.; Frank McMaster, of Lowell, Ore.  
J. M. UPTON,  
Dec. 23 Feb. 3, Register.

## Notice to Contractors.

Notice is hereby given that the Common Council will receive sealed bids for the flushing of the paved streets of the Town of Springfield, as follows: Main street from Mill to Second and from Seventh to Tenth, once a week; Main street from Second to Seventh street, twice a week; Fifth street its entire length, once a week; and A, Fourth, Sixth and Seventh streets three times a month; also to clean the gutters, empty the rubbish cans, flush the storm drains when necessary, and to sprinkle the streets when necessary.  
The successful contractor will be required to furnish a bond in such amount as the Council shall determine for the faithful performance of his contract.  
Bids to be at the rate of so much per block.  
The Council reserves the right to reject any or all bids.  
Said bids will be received until 7:30 P. M., Monday, February 14, 1916.  
Dated this 13th day of January, 1916.  
HERBERT E. WALKER,  
100-2-4 Town Recorder.

# Made in Springfield

## Patronize the Payroll of Your Home Town

**The House of Quality**

A Fine Line of Box Goods, Fresh Made, Put up to Your Order.  
Hot Drinks, Ice Cream and Soda Water.

**Eggimann's Candy Kitchen**

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**Springfield Bakery**

Bread, Pies, Cakes, Cookies, etc.  
Wedding and Party Cakes a Specialty

**S. Young, - Proprietor**

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**SPENDS ITS MONEY AT HOME**

The Lane County News divided its expenditures last year, thus:  
Supplies bought outside of Springfield, including paper and new machinery.....20.4 p. c.  
Supplies bought in Springfield, including rent, etc.....19.1 p. c.  
Payroll, entirely in Springfield.....60.5 p. c.

**80% Spent at Home**

**Baled Hay**

BAKORE KNOXALL  
For good values,  
For good bread,  
Use Bakore and Knoxall Flour.  
All kinds of Feed cheap.  
Will do feed chopping for \$1.50 a ton.

**SPRINGFIELD FLOUR MILLS**

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**The Springfield Planing Mill Company**

Manufacturers of  
SASH, DOORS, MOULDINGS, BRACKETS,  
TURNING, STAIR BUILDING,  
Extension Tables, Drop Leaf Tables, Breakfast Tables, Kitchen Cabinets, Cupboards,  
Safes, Step Ladders, Fruit Boxes  
Berry Crates, Folding Clothes Racks.

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**ELECTRICITY**

For light, heat and power.  
"Made in Springfield."

**Oregon Power Co.**

# COOK WITH GAS

## Oregon Power Co.