

Hot Cross Buns
 Help Make Easter Joyous
 Easter means a season of joyous awakening -- time for Easter eggs, frolicking kids and bunnies and--Hot Cross Buns.

The best of all times to enjoy these Buns is Easter morning--along with the colored Easter eggs.

But place your order early.
 25 cents per dozen.

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 Dave Smith, Proprietor

PALM CONFECTIONERY

C. N. COOLEY, Proprietor
 Under new management

Meals at all Hours
 Candies, Cigars and Tobaccos
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ALL KINDS OF MILL FEED AND POULTRY SUPPLIES
 NEWBERG, OREGON

Bill Best, the Plumber

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Shop Phone Black 31

Residence Phone White 145

Bill, the Plumber

(Not a partner. Working interest only)

Shop Phone Black 31

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STATEMENT OF CONDITION

At the close of business, March 10, 1922

Resources		Liabilities	
Loans and discounts	\$470,572.49	Capital	\$50,000.00
U. S. Bonds and certificates	85,500.00	Surplus and profits	59,209.78
Other bonds and securities	218,924.54	Reserves	3,979.70
Furniture and fixtures	8,500.00	Circulation	49,000.00
Available cash	143,937.13	Deposits	765,244.59
Total	\$927,434.07	Total	\$927,434.07

Established 1889



UNITED STATES NATIONAL BANK
 OF NEWBERG, OREGON

NEWBERG HIGH SCHOOL AGRICULTURE NOTES

(Oliver F. Kibham)

A knowledge of soils and fertilizers is the foundation upon which the present day scientific farm methods have been built.

A very excellent little book for study along this line is "Soils and Fertilizers" by T. Lytton Lyon. It is very readable, and yet at the same time it is thorough and accurate technically.

Chapter divisions are as follows:

1. Soil as a medium for plant growth.
2. Soil formation and transportation.
3. Soil formations.
4. Texture and structure of soils.
5. Organic matter.
6. Soil water.
7. Plant food materials in soils.
8. Acid soils and alkali soils.
9. The germ life of the soil.
10. Soil air and soil temperatures.
11. Nitrogenous fertilizers.
12. Phosphoric acid fertilizers.
13. Potash and sulfur fertilizers.
14. Lime.
15. The purchase and mixing of fertilizers.
16. The use of fertilizers.
17. Farm manures.
18. Green manures.
19. Crop rotation.

This book is one of the "Rural text book series" and has been edited by Dr. L. H. Bailey with his usual carefulness.

Chapter 15 alone, dealing with the purchase and mixing of fertilizers, is worth the price of the book to the farmer who grows crops. It is divided as follows:

1. Brands of fertilizers.
2. High and low grade fertilizers.
3. Fertilizer inspection and control.
4. Trade values of fertilizer ingredients.
5. Computation of the wholesale value of a fertilizer.
6. Home mixing of fertilizers.
7. Fertilizers that should not be mixed.
8. Calculations of a fertilizer mixture.
9. How to mix the ingredients.

Here is a sample of the worthwhile information in this little book as taken from chapter 15:

"Calculation of a Fertilizer Mixture—In deciding on the composition of fertilizers the best and simplest way is to consider them according to the percentage of each of the three constituents, nitrogen, phosphoric acid, and potash, they contain. If we decide to use a 3-8-5 fertilizer, the next step is to calculate how many pounds of each of the carriers of these substances must be used for each ton of the complete fertilizer, and how much filler must be added. Suppose we have on hand the following carriers:

Nitrate of soda containing 15 per cent nitrogen.
 Acid phosphate containing 14 per cent available phosphoric acid.
 Muriate of potash containing 50 per cent of potash.

"The first step is to calculate the number of pounds of nitrogen, of phosphoric acid and of potash, in a ton of 3-8-5 fertilizer. To do this we merely multiply the number of pounds in a ton by the percent of each plant food material.

2000 x .03 equals 60 pounds of nitrogen per ton. 2000 x .08 equals 160 pounds phosphoric acid per ton; 200 x .05 equals 100 pounds of potash per ton.

"The next step is to calculate the number of pounds of the carrier required to furnish the quantity of plant-food material that has just been found. This is done by dividing the weight of the plant food material required by the percent of this particular plant food material in the carrier that is to be used.

60 divided by .15 equals 400 pounds nitrate of soda. 160 divided by .14 equals 1143 pounds acid phosphate; 100 divided by .50 equals 200 pounds muriate of potash; totaling 1743 pounds of the three carriers.

"The weights of the different carriers are then added, giving in this case 1743 pounds needed for every ton of fertilizer. The remainder of the ton, (257 pounds) is then made up with a filler, consisting of sand, dry earth, muck, peat, sawdust, or something of the kind."

Home mixing of fertilizers is a paying proposition for the farmer, as is well known. Could any explanation as to method be clearer than that just given? It is typical of the book we are discussing.

It is a pleasure, Mr. Cropgrower, to bring it to your attention—and to recommend it.

FARM POINTERS

Barley seeded in on a poor wheat stand grows a bad mixture to sell as it is too hard to separate. It is all right in some cases for feed but not for market.

Where a little corn can be grown with sunflowers the mixture makes a better silage than the sunflowers grown alone.

Farmers expecting to kill Canada thistles or wild morning glories should get good blade weeders now so these perennial pests may be kept out off below the ground all summer.

Cutting off the blossom ends of potatoes of size to weigh 1 1/4 to 2 ounces each and saving them to plant by themselves on new ground or on land that has not grown potatoes for several years, will produce better yields and a better quality of seed.

Hubam clover at over 20 to 25 cents a pound is probably too expensive for use except possibly for beekeepers.

Many Willamette Valley farms are short in their clover acreage. It is hard to start clover on run down grain and grass land. The best method is to sow it alone in April or

May or early June on a well prepared firm seed bed.

Egg Production Cost High

Egg production on the average Oregon farm does not net a profit above interest on the investment, reports A. G. Lunn, professor of poultry husbandry at the experiment station. It is necessary to reduce the cost of production to realize a profit, and the easiest way to do this is to increase the egg yield by better stock and management.

REAL ESTATE TRANSFERS

Nellie W. Adams to school district number 15, small tract in Caleb Woods d l c, tp 3 s, r 5 w. \$100.

First National Bank of Newberg to C. F. Schunter and wife, 21.25 acres in Daniel Hess d l c, tp 3 s, r 3 w. \$10.

W. T. Brinkley and wife et al to George F. Peterson, lot 8 and 7 foot strip adjoining, blk 3, Willamina. \$10.00.

Graves Canning Co. to Harry C. Graves, lot 11 and east 24 feet of lot 10, blk 3, east Sheridan. \$10.

F. C. Graham and wife to V. F. Martin, 9-100ths of an acre in F. C. Graham's Cove Orchard. \$10.

Cora Belle Griffin to J. H. Wilson and wife, lot 13, blk 5, Edwards' second addition Newberg. \$10.

Mary T. Henry to Eldon C. Sutfin, 192.60 acres in Aaron Payne and Andrew K. Wright d l claims, tp 3 s, r 5 w. \$4000.

W. A. Howe and wife to Fred A. Hurner, lots 1, 2, and 3, blk 6, Lake addition, Carlton. \$10.

J. B. Kennedy and wife to Levi Sanders and wife, tracts 1 and 2, Chehalem Uplands No. 1. \$10.

Gustave Kramien to Clarence S. Kramien, 15 acres in sec 25, tp 3 s, r 2 w. \$10.

Gustave Kramien to Roy Kramien, 28.59 acres in sec 25, tp 3 s, r 2 w. \$10.00.

John M. Lady and wife to A. W. and Katherine Lady, undivided one-tenth interest in one acre in A. B. Faulconer d l c, tp 5 s, r 6 w. \$1.00.

W. M. Ladd and wife to Lowndale Orchard company, 83.98 acres in F. Large d l c, tp 3 s, r 3 w. \$10.

A. C. Lewis to Charles G. Green and wife, 22 acres in C. S. Tustin d l c, tp 4 s, r 4 w. \$5500.

W. E. Morgan and wife to J. T. Edwards et al, 5 acres in lots 42 and 43, Chehalem Land subdivision. \$10.

Hattie McVey and husband to Ariel Thomas, 15 acres in J. B. Rogers d l c, tp 3 s, r 2 w. \$1.00.

Wade H. Pattee and wife to Bessie A. Malo, lot 4, blk 4, Potter's addition Sheridan. \$1100.

Adam Rossner and wife to Catherine E. Mauts, lots 100 and 101, Dayton. \$800.

C. C. Snow and wife to First National Bank of Sheridan, lot 6, Sheridan Heights and lots 6, 7, and 8, blk 1, Hillcrest addition Sheridan. \$10.00.

Frank A. Thoms and wife to Carlson Elevator & Mill Corporation, 2 small tracts in Carlton. \$20,000.

PUT IN RHYME

The following complaint was received by a claim agent of the Illinois Central Railroad, at Vicksburg, Miss., from a Franklin County, Miss., farmer whose hog was killed by an Illinois Central train:

My razorback strolled down your track
 A week ago today.
 Your 29 came down the line
 And snuffed his life away.
 You can't blame me; the hog, you see,
 Slept through a cattle-gate,
 So kindly pen a check for ten,
 This debt to liquidate.

This is the reply received by the farmer:

Old 29 came down the line
 And killed your hog, we know.
 But razorbacks on railroad tracks
 Quite often meet with woe.
 Therefore, my friend, we cannot send
 The check for which you pine.
 Just plant the dead; place o'er his head:

"Here lies a foolish swine."
 —Quoted by P. J. Holan, of Collinswood, Tenn.

The Graphic always tries to get the very best mechanics obtainable. That is one reason that they can turn out first-class printing.

From a Bride:

"As a young housewife of only two and one-half years' experience I am glad to find that even we amateurs can cook successfully if we use Royal Baking Powder."

Mrs. J. L. M.

ROYAL BAKING POWDER
 Absolutely Pure

Contains No Alum Leaves No Bitter Taste
 Send for New Royal Cook Book—It's FREE
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SEASONABLE CUT FLOWERS—Plants in pots, cyclamens, (fine plants), cinerarias, primroses, ferns, fern dishes, geraniums, calla lilies (hardy flowers), hydrangea, peonies. Roses our specialty (strong plants). Low prices.

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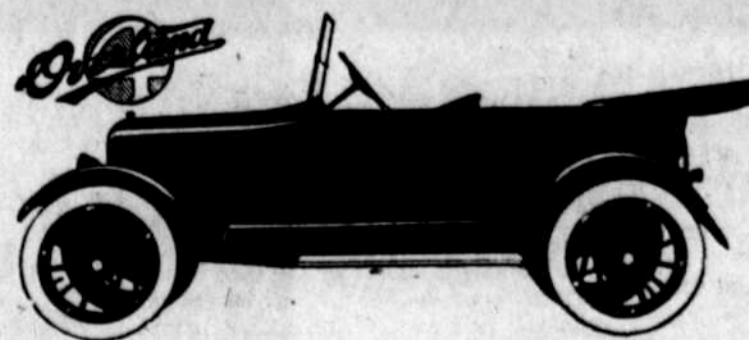
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