

UNIVERSITY OF OREGON GIRLS' GLEE CLUB

ARCADIE THEATER **FRI. JAN. 15** ONE NIGHT ONLY

Admission 25c :: Curtain at 8:30

Spray's Column

Cow Feeding
Cows should be fed at regular times. By a little extra study you can find out the needs of each cow—one cow will eat lots of feed and give milk accordingly. I believe there is more money lost by not feeding enough than any other cause. I have tried it out very often and find it takes good feed and lots of it to make money with cows. Don't be afraid to feed, is the advice of all successful dairymen. The first half of the feed keeps the cow, the last half pays you your profit.

The average cow should have at least five pounds of grain feed twice a day. I feed two pounds ground barley and three pounds bran or have been feeding that since I heard Mr. Fitts' talk. I feed one pound oil meal and three pounds bran, about twenty pounds ensilage and all the good hay they will clean up. Salt plenty. Here is a point which should be looked after, that is to salt regularly. Now as to the water. It will pay big to see that your cows have good, pure water, if you haven't got good spring water, it will pay you well to pump water for your cows.

If your cows have to drink cold water in winter and stagnant warm water in the summer, you are losing money on them, that is, you would make more if you would provide better water for them. One more word for the silo. If you have a silo you can fill it rain or shine. Generally about the time to cut early hay it begins to rain, then you can fill the silo and have good feed out of what would otherwise be lost or damaged.

Second hand furniture: 2 tables, 1 hall tree, 1 rocking chair, bread mixer, guitar, bed springs, lounge.

I know a man who has a three-year-old male for sale and a woman who has some good Leghorn pullets to sell.

I have just received a full carload of poultry supplies.

Registered three-year-old Jersey bull, right.

Five-year-old Jersey cow for sale.

Good three-year-old colt for sale. This is a big, heavy colt and will make a fine, big draft horse.

A good brood mare for sale.

Good fanning mill. Price \$15. A snap.

3 1/2-inch tire wagon, \$20.

Mowing machine, \$10.

One yearling heifer, Jersey.

2-horsepower Fairbanks-Morse engine cheap.

One Standard Sewing Machine—a big snap.

Horse-power drag saw, all complete, at a bargain.

Two last spring Jersey heifer calves. Buy a calf and you will soon have a cow.

WANTED—I want to buy your chickens and eggs, hides and pelts.

All kinds of poultry supplies at bed-rock prices.

I pay cash and sell for cash or produce.

Wood for sale. Phone 3.

The purpose of this column will be to bring buyers and sellers together and try and make Spray some money.

One good horse harness and buggy.

One good mare harness and buggy.

One gentle pony, 5 years old; drive single or double.

One yearling heifer, Gurnsey and Jersey.

One 3-year-old Jersey cow. Will be fresh in about two weeks.

One Jersey cow, three years old.

One Red Jersey brood sow.

One Poland China brood sow.

One Poland China boar, registered.

One 2 1/2-in. Studebaker wagon, about half worn.

One 3 1/4-in. John Deere Moline wagon, good as new.

One steel roller—the kind that gets all the clods.

One second hand spring tooth harrow, rows.

One Oliver cast steel plow, 12-in.; good as new, at second hand price.

One second hand sub-soil plow—just what you all need.

I also keep on hand a full stock of Page wire fence. This is sure the best fence on the market.

I also have in stock a full line of International Harvesters, Weber wagons and machinery.

STORAGE—I have good, dry storage room for household goods.

I pay cash for chickens, eggs and hides.

INSURANCE—If you need anything in that line, see me.

Heavy horse harness and delivery wagon at a bargain.

SPRAY—NEAR THE S. P. DEPOT.
PHONE No. 3.

Neighborhood News

WALDEN
(Special to The Sentinel.)
Jan. 12.—Several people from here attended church at Blue Mountain both Sunday morning and evening.

L. A. Chamberlain returned Tuesday from Eastern Oregon, where he had been for the last two weeks on business.

Dorothy Lebow visited with her aunt, Mrs. Geo. Teeters in Cottage Grove last week.

Mr. and Mrs. M. McKibben and children spent Sunday with Mr. and Mrs. Chamberlain.

Mrs. Jasper Patten visited in the Grove the last of the week.

Mr. and Mrs. Barber were in the Grove Monday.

Mr. and Mrs. R. G. Landwehr and baby visited at Brumbaugh's Sunday.

Mr. and Mrs. James Lebow and two little daughters visited with Mrs. Lebow's mother, Mrs. McKibben in the Grove Saturday.

Those who transacted business in the Grove last week were: Mr. and Mrs. Lancaster, Mr. and Mrs. Ed Jones, Claude and Carl Schilling, Mr. and Mrs. Geo. Layng, Mr. and Mrs. G. Cavanaugh, Bert Chamberlain and Jesse Pitcher.

J. E. Dameswood was out to Walden on business Monday.

LORANE
(Special to The Sentinel.)
Jan. 12.—Roy Foster was in Cottage Grove last week Tuesday.

The Ladies' Aid met with Mrs. Elmer Crowe last week, Wednesday afternoon. Mrs. W. H. Davis assisted in entertaining.

W. H. Davis was in Cottage Grove last week after a load of supplies for the O. E. Crowe store.

John Runk was in Cottage Grove last week Wednesday.

Mrs. M. R. Wilson of Cottage Grove spent last week visiting at G. M. Bailey's.

G. M. Bailey was in Cottage Grove last Saturday.

Orville Crowe lost a horse last week.

G. M. Bailey made an address at Creswell last Tuesday evening.

L. J. Henderson was a business caller at Cottage Grove last week, Thursday.

Mr. and Mrs. W. S. A. Edelfson returned from Portland last week after spending the holidays with their daughter, Mrs. Wm. Scott.

Mr. Francisco of New York, and Garfield Crowe left Thursday evening for a trip to the coast, going on horseback.

The orchard companies are having their pruning done by a party of expert trimmers.

SILK CREEK
(Special to The Sentinel.)
J. J. Gildersleve was in Lynx Hollow visiting at the Dresser home last week.

Miss Celia Wilson of Bonnaville is staying at the school home attending Academy this winter.

Mr. and Mrs. G. H. Gildersleve were callers at the Hunt home Saturday.

D. A. Estes was a caller at the J. F. Gildersleve home Monday afternoon.

L. Woolley was at the Baker Slagel home Monday evening.

W. G. Hittinger, of Idaho, who has bought ten acres on Silk Creek will move onto same about January 13.

WALKER AND LYNX HOLLOW
(Special to The Sentinel.)
W. E. and W. H. Walker spent Tuesday in the Grove.

Joe Donprier and son were in the Grove Tuesday on business.

Mrs. A. J. Smith has returned to her school at Mable.

An illustrated talk on "The Salmon Industry" was given at the Literary Saturday evening.

Last Friday evening the folks of the Hollow enjoyed a dance at the Donprier home.

Clara Lebow is home from the Grove to spend the week-end.

P. Wilcox of Springfield has returned to his home after a week's visit with his sister-in-law, Mrs. S. B. Jackson.

Mrs. Floyd Donprier was in the Grove shopping last week.

Mrs. John Waldron of Eugene is visiting at the Smith home.

B. Y. Porter was in the Grove last week.

The Jackson and Fisher boys were in the Grove last Tuesday.

Mr. and Mrs. Frank McFarland from east of the Grove visited T. R. Orr's this week.

A. J. Smith was in the Grove on business last week.

Mr. Briggs of the Hollow was in town this week.

Floyd Donprier, one of Lynx Hollow's successful hunters has been securing the woods the past week for game.

LONDON
(Special to The Sentinel.)
Jan. 12.—Walter Woodard is overhauling the O. Berggren mill here, in preparation to opening in full force in a few days.

Mrs. Levi Geer left Sunday for Roseburg, where she has made arrangements for special eye treatment.

Aunt Harriet Hansen went as far as Cottage Grove with Mrs. Geer, from where she is going to Dorena to visit friends.

MOOSE LODGE WILL HAVE NEW HOME

Although the local lodge of Moose is the youngest of the fraternal organizations in the city it is planning on having one of the finest homes in the city.

The local charter was taken out about two and a half years ago and as the new year, 1915, approached, the lodge had outgrown his old meeting place in Phillips Hall and a committee was appointed to find new quarters.

Last week a three-year lease was closed for the hall over the Oregon Woolen Mills store and Royal Theatre and a crew of men put to work remodeling same.

When completed the hall will contain a kitchen, dining room, ladies rest room and large anti-room. The floor has been scraped and put in first class shape for dancing and it is the plan of the order to give dances during the winter season.

It is expected that the work will be completed within the next few days and Tuesday evening, the regular meeting night will be given over to a general house warming.

SAGINAW AND DELIGHT VALLEY
(Special to The Sentinel.)
Jan. 11.—Joe Jett visited his sister, Mrs. Conley a few days last week.

Miss Bertha Neat went to Eugene Tuesday to have her eyes treated, returning Sunday.

Mrs. Whitlock and Mrs. Calloway and daughter Nellie of Star, visited the week-end with their father, Mr. Jarrett.

Mr. Adey transacted business in the Grove Saturday.

Frank Mansfield visited a few days last week with friends in Springfield.

Mrs. Harnden went to Irving Sunday to help care for her sister's husband, Mr. Marquis, who is very ill.

Miss Scott went to Eugene Saturday to visit relatives.

Mrs. Neat and Mrs. Harnden visited with Mrs. Conley Wednesday.

Mr. and Mrs. Washington Saturday to work.

Mr. and Mrs. Harold Hopper visited Sunday at the McQueen home.

Mrs. Fred Wither is on the sick list.

Mrs. Gibbler, who fell and injured her back one day last week is slightly improved.

DORENA
(Special to The Sentinel.)
Jan. 12.—"Aunt" Polly Pindergrass has been quite ill the past week.

Mr. and Mrs. Truman Clark and baby of Coast Fork spent from Thursday until Monday visiting at the home of Mrs. Clark's parents, Mr. and Mrs. Plank.

Little Patty Mendall is improving from her recent illness.

Mrs. K. K. Robinson returned Thursday from spending the holidays in Eugene and Halsey. She brought her little daughter Helene back with her, who had been taking medical treatment in Portland.

J. H. Kirk, B. Land and J. C. Teeters attended the farmer's institute in Cottage Grove Friday.

The C. E. Society held installation of officers Sunday evening.

Bohemian Sharp of Cottage Grove spent a few days of last week at the Baker home.

A number of young people spent a social time at the Jas. England home Friday evening.

Will Kirk of Row River spent Saturday and Sunday with his parents, Mr. and Mrs. Allen Kirk.

MOUNT VIEW.
(Special to The Sentinel.)
Jan. 12.—George Cooley visited at the home of his brother, J. K. Cooley, from Tuesday till Friday last week.

Glen Coe returned to Portland last Wednesday.

Miss Bertha Sears was in Cottage Grove Friday.

Miss Edna Sears and Brother, Brison, visited at the Walter Pitcher home last week.

Mr. and Mrs. George Layng and two of their children spent one day last week at the W. D. Heath home.

Among the Cottage Grove visitors Saturday from this neighborhood were Mrs. Kate Sears and son, Frank, Mr. and Mrs. J. R. Cooley, Mrs. George Curran, W. H. Heath and Jessie Scott, H. D. Crites, Will Heath, Horatio Mosby, Herbert Neal, Louis Mendel and Irene Stanley.

Cuthbert Crites was at the Hoe mill Sunday.

Miss Hazel Hemenway was sick and unable to teach during the last three days of last week.

Mr. and Mrs. J. R. Cooley attended a family reunion at the home of Mr. Cooley's father, Alex Cooley, south of Cottage Grove.

Miss Bertha Sears spent Sunday at the W. D. Heath home.

Frank and Clarence Sears went to Creswell Sunday.

Fred Frost and Will Heath went to Rocky Point, one day last week.

A good job of printing is worth a fair price. A good job of printing can not be done at a price that doesn't allow a margin for paying living wages. The Sentinel's prices are always equitable. That's why it sticks while competitors come and go.

\$57,000 in Treasury.
S. W. Taylor, county treasurer, Saturday filed with the county clerk his semi-annual report of the funds of the county. He gives the following summary of balances on December 31, 1914:

General fund, \$12,237.90; road district funds, \$3,362.93; special road funds, \$5,452.53; county school fund, \$8,064.91; state school fund, \$291.49; county high school fund, \$721.30; special school funds, \$3,526.04; library fund, \$29.82; indemnity fund, \$1,572.36; special city funds, \$374.53; port of Stius-law fund, \$73.15; special union high school fund, \$58.37; Seavey ferry road fund, \$19; armory fund, \$21,786.94; state tax fund, \$1,206.52; deficiency fund, \$409.94; forest fire, patrol fund, \$27.74; total, \$57,510.45.

Clerk's Office Takes in Small Fortune.
The fees collected at the Lane county clerk's office during the year 1914, were almost enough to meet the expenses for the office, basing the expenditures upon the amount provided for the office in the 1915 budget, which is \$15,200. The total amount of fees collected during the year was \$13,741.78.

In a few counties of the state are the fees collected by the office anywhere near enough to place it upon a self-sustaining basis.

The Farmer's Income
Just how much does the average farmer make? The answer to this puzzling question has been long sought by agricultural experts, since it is the ultimate test of all systems of farm management. It is simple enough to calculate the cash profits received in the course of the year, but these do not measure the farmer's success. The farm supplies him with much besides money—with food, fuel and fuel for the things that the city worker has to pay out a large part of his wages. They must, therefore, be included in any just estimate of the farmer's income. In other words, the city worker is paid entirely in cash, the farmer partly in cash, partly directly in the necessities of life.

To obtain fuller knowledge of the value of this direct contribution from the farm the department has recently concluded an investigation which included 438 farm families divided among 10 States in different sections of the country. (United States Department of Agriculture Farmers' Bulletin 635.) The investigators found that on these farms the cost of maintaining each grown person was on the average \$176 a year. The sum was composed of the following items:

Dairy products	\$ 21
Pork	12
Poultry and eggs	12
Garden	10
Beef	6
Fruit	6
Wood and coal	13
Groceries	22
House rent	25
Labor	46
Total	\$176

Of this sum only 22 per cent was paid out in cash. The remainder was furnished by the farm, not in the form of money but in those things for which the money would have been exchanged. The cost of which a farm can thus be made self-sustaining, makes to supply it without resorting to buying and selling, is indicated by conditions in the rural area of North Carolina included in the investigation.

The investigators found that in this area the average annual value of the food, fuel, oil, and shelter enjoyed by the farm family was \$505. Of this sum the farm furnished directly \$429, leaving only \$76 to be bought.

Food was, of course, the principal item. This amounted to \$401.93, of which \$230.45, or 57.4 per cent, was raised on the farm. If it had not been, indeed, for such articles as tea, coffee, sugar, salt, and other groceries which it was impossible to produce at home these farms might be called actually self-sustaining. Of the animal products consumed—meat, poultry, milk, eggs, cheese, etc.—97.1 per cent were home grown; of the fruits 98 per cent and of the vegetables 96.1 per cent. Of the other articles consumed, however, and classed together as groceries, only 24 per cent was raised on the farm. The grocery bill was therefore the largest item in the cash expenditure.

This was even more apparent in other sections where the farms were less nearly self-sustaining than in this particular area of North Carolina. The bulk of the groceries was always bought but the total quantity consumed depended to a great extent upon the quantity of animal products and vegetables raised on the farm. Where these abounded the consumption of groceries diminished. From this it would seem that an obvious way to effect an important saving in expenses is to raise more vegetables and animal products on the farm. Whether it is better to cut down expenditures in this way or to increase receipts by concentrating attention on cash crops is one of the great problems in farm management the answer to which in each individual case depends upon local conditions. In the past, however, many farmers have not realized the existence of this alternative. The two other important items in the cost of maintenance are house rent and labor. Both of these it is a common error to overlook in estimating the farmer's income. Since the house usually goes with the farm and the labor is performed by members of the family, both are taken for granted. This, however, is obviously unfair. In the recent investigation, for example, the state rental charge for the average farmhouse, including interest, depreciation, and repairs. The fact that the farmer does not have to pay out this sum is equivalent to adding \$125 to his income. With labor it is much the same. The members of the family secure by their work comfort which they would otherwise have to buy; or to put it another way, if they did the work for somebody else they would be paid. As it is they pay themselves.

It is obvious, therefore, that what the farm furnishes in food, in fuel, in shelter, and in rent is an important part of the farm family's income. On the other hand it must be remembered that the farmer has capital invested in his business, the interest on which must be earned before he can truly be said to be making money. In the proper relation of the three factors—interest on the investment, cash receipts, and direct income from the farm—lies the secret of successful farming.

HAMPTON'S CLEARANCE SALE HAMPTON'S CLEARANCE SALE

HAMPTON'S January Clearance Sale

MONEY SAVING BARGAINS FOR PRUDENT BUYERS
JANUARY CLEARANCE SALE STILL CONTINUES

- \$6.50 VELVET CORDUROY WAIST AT \$2.00
 - \$1.50 WHITE LAWN WAIST IN 1915 STYLES 90c
 - \$6.00 CHILDREN ALL WOOD DRESSES AT \$3.00
 - \$3.00 MEN'S BEST GARDEN HATS \$2.00
 - \$1.75 HAMPTON'S SPECIAL HATS \$1.05
 - \$3.50 AND \$4.00 SWEATERS GOING AT \$1.50
 - 20 PER CENT OFF ON ALL DRESS GOODS DURING THIS SALE
 - 10 PER CENT OFF ON ALL UNDERWEAR
- Outing Flannel at 4c

HAMPTON'S CLEARANCE SALE HAMPTON'S CLEARANCE SALE
A. W. WAMPOLE, Manager

HAMPTON'S CLEARANCE SALE HAMPTON'S CLEARANCE SALE

LIST OF CANDIDATES AND RULES

Following is the complete list of candidates and rules and regulations governing The Sentinel's fireless cooker contest:

Mrs. Frank McFarland, Cottage Grove
Mrs. J. D. Anderson, Cottage Grove
Mrs. Claude Arne, Cottage Grove
Mrs. C. M. Parker, Cottage Grove
Mrs. L. A. Ralston, Cottage Grove
Mrs. Chas. William, Dorena
Mrs. M. F. Babcock, Silk Creek
Mrs. Clarence Russell, Lorane
Mrs. W. D. Heath, Mount View
Mrs. Harold J. Hopper, Cottage Grove
Mrs. Fred Wither, Saginaw
Mrs. Almada Deane, Dorena
Mrs. Mallie Miller, Cottage Grove
Mrs. R. W. Airey, Silk Creek
Mrs. K. K. Mills, Cottage Grove
Mrs. S. A. Hill, Anlauf
Mrs. Ben Groff, Cottage Grove
Mrs. Frank Hemenway, Lorane
Mrs. Frank McFarland, Cottage Grove
Mrs. E. L. Doolittle, Divide
Mrs. Lee Thomason, Dorena
Mrs. J. H. Cooley, Cottage Grove
Mrs. Floyd Jones, Cottage Grove
Mrs. C. L. Williams, Saginaw
Mrs. Ben McCollum, Dorena
Mrs. L. D. Estes, Silk Creek
Mrs. Robt. Anlauf, Anlauf
Mrs. Lawrence Phelps, Cottage Grove
Mrs. Ora Davis, Lorane
Mrs. R. W. Ward, Mosby Creek
Mrs. Fred Whitcomb, Dorena
Mrs. Waldo Miller, Cottage Grove
Mrs. Wm. Mayben, Coast Fork
Mrs. Lee Dugan, Latham
Mrs. F. Turner, Divide

Drop in and see us any time. Ask for Rockford (heavier than standard) Silverware.

For sale by
H. C. MADSEN, Cottage Grove

After you have read this copy of The Sentinel, pass it along to a neighbor, if you have one who doesn't take the paper and you don't wish to keep it for reference.

NOTICE TO CREDITORS.
Notice is hereby given, that the undersigned has been appointed executor of the last will and testament of A. B. Atkins, deceased, and all creditors and all persons having claims against said deceased are hereby notified to exhibit and present the same to the undersigned at the office of her attorney, J. C. JOHNSON, in Cottage Grove, Oregon, within six months from the date of the first publication of this notice.

Dated December 16, 1914.
EMMA J. ATKINS, Executrix.
J. C. JOHNSON, Attorney for Executrix. 416-113

Children's Coughs—Children's Colds—Both Are Serious.
When one of your little ones shows symptoms of an approaching cold, give it Dr. Bell's Pine-Tar-Honey at once. It acts quickly, and prevents the cold growing worse. Very healing—soothes the lungs, loosens the mucus, strengthens the system. It's guaranteed. Only 25c at your druggist. Buy a bottle today.

Bucklen's Arnica Salve for Sores.

"No Trespassing" signs for sale at The Sentinel office.

Report of the Condition of
The Bank of Cottage Grove
at Cottage Grove in the State of Oregon,
at the close of business Dec. 31, 1914.

RESOURCES.

Loans and discounts	\$60,720.10
Overdrafts, secured and unsecured	179.87
Bonds and Warrants	18,428.70
Furniture and Fixtures	3,000.00
Other real estate owned	6,799.96
Due from banks (not reserve banks)	131.48
Due from approved reserve banks	9,269.46
Checks and other cash items	198.74
Cash on hand	8,676.27
Total	\$107,434.57

LIABILITIES.

Capital stock paid in	\$ 25,000.00
Surplus fund	1,000.00
Undivided profits, less expenses and taxes paid	1,000.00
Due to banks and bankers	1,000.00
Postal savings bank deposits	411.04
Individual deposits subject to check	43,971.13
Certified checks	1,000.00
Cashier checks outstanding	1,000.00
Time certificates of deposit	28,073.58
Notes and bills rediscounted	5,470.00
Total	\$107,434.57

State of Oregon, County of Lane, ss,
I, Alf. Jury, Cashier of the above named bank, do solemnly swear that the above statement is true to the best of my knowledge and belief.

ALF. JURY, Cashier.

Correct—Attest:
George M. Hall,
B. Lurch,
Geo. Lueh,
Directors

Subscribed and sworn to before me this 8th day of January, 1915.
ALTA KING, Notary Public.

DEATH CAS

Seventeen-Year Old Day Before She Rallies But Short Babe Is Hearty, 1

Possibly no death human chord in the of Rachel May Till Wednesday afternoon come a mother.

Miss Tiller was and Mrs. T. J. Tilltag Grove with the ember. She was seven and had attended to the day before the day of her death preparations for go she was suddenly tilled to remain a child was born ab which she rallied a ually grew weaker u 6 p. m.

The baby, a robust in the best of health Funeral services at 2 p. m. at the M. N. Aldrich, officiated made in Masonic e Rachel May Tille las County, July 8, parents and child our brothers and four, Thurman, 81 all of this city, ar of Boise, Idaho.

It is so natural extended in time of tined seldom records case such expressi marked that they e

GROVE GRAN TAXES IN

Resolution Passed Payment of and N

The following r by the Cottage "regular meeting S Whereas, the p taxes is oppressive of people at the collected and,

Whereas, it is n money to be accu date,

Be It Resolved, tage Grove Grange to the State Legis of paying taxes b first payment will May 1 and delinqu second payment h November 1, and 15. Be it furthe Resolved, that a tions be present Grange and a cop papers.

WOULD HELP

Correspondent W Views of O

Cottage Grove, Editor Sentinel: Sick by County Ta of November 1 m in the Sentinel.

I have been loo take up the subj as no one has tal will try to make t Every neighbor for its sick more (often exposes heal individual than v to support a mode with a first clas These facilities cious lives, that e ed for in our bor used as a training for medical scienc he situated wher iently reached fr county and shoul poor, but by no m for the indolent.

The medical e person who did n This plan would 1 zen and stranger i and navy is pro time laws and pre ing for accidenti very costly, when eration the subj hope this subject until something i

Calling Cards