USE OF STARTERS IN BUTTER MAKING

"The chief value of starters, which are almost indispensable to makers of large amounts of butter and cheese,' says W. L. Clevenger of the Ohio College of Agriculture, "lies in the fact that in these cultures are found a reliable source of souring bacteria, which, when properly used, insure a more uniform quality of butter and cheese. A starter is simply sour milk which contains a large number of destrable souring bacteria in the growing stage. It will have a mild, acid odor, and when added to pasteurized cream at the right time will insure a uniform, excellently flavored butter."

Trouble is often experienced on the farm in getting cream to churn properly and butter from it that will be



Much more interest is being taken Much more interest is being taken by dairymen in possessing them-selves of better breeding stock. No doubt this is because of the ad-vanced registry of the breeds. These records are of very great benefit in this respect. A cow with a rec-ord of production for milk and but-ter can show almost exactly just what profit she will produce through the milk but for one very Crown. the milk pall for one year. Crown Princess Maxie De Kol II., here shown, is a pure bred Holstein and is owned by G. W. Rising, Fayette, O. Her records as a senior four-O. Her records as a senior four-year-old are for seven days 25.77 pounds of butter and for thirty days 142.27 pounds of butter.

uniform in flavor and quality from season to season, says Orange Judd Farmer. This is due to an excess of undestrable bacteria, which produce bad flavors and prevent the proper souring. This condition can be over come in many cases by the use of natural starters, which simply means the adding of a culture which is known to contain the proper bacteria for souring to the cream in which cultures of unknown bacteria have been growing A natural starter can be made by putting clean milk fresh from the cow in a sterilized jar and letting it stand at 70 degrees until it thickens, which is usually from twenty-four to thirty-six hours. This permits the lactic acid bacteria, which are naturally more numerous in the milk, to develop under the most favorable conditions. This culture should be added to the cream twelve hours previous to churning in quantity varying with the size of the churning and mixed thoroughly,

SAVING THE LAMBS.

Guard the New Born Youngsters

sionally. Should have a fresh cow on hand. With her you can save lambs that would otherwise die. Watch your ewes and, if not giving enough milk for This is a sign of cramps in the stomach. Give oil physic, dose same as for

Rye For Pigs. It may not be generally known, but ground rye forms a very good substitute for corn. Pigs do not seem to relish it as much nor is it considered quite as good, pound for pound, but for general fattening purposes it can take the place of corn to good advantage. If used in the following ration it makes an excellent feed; Eight parts of corn, three parts of ground rye and one part of tankage.

In the circuit court of the state of Oregon for Grook county.

Crook County, Oregon, a public corporation, plaintiff, 19.

John Arnicker, Ashwood Gold Mining Co, S A Bakkey, S H Bornes, C C Buchanan, C G Buther, G F Colliban, Halling, S W Compton, E F Cooper, John W. Crooks, F M Donaldson, Catherine Dwyer, Elmira Ferguson, Ids A Finch, Champlin, S W Compton, E F Cooper, John W. Crooks, F M Donaldson, Catherine Dwyer, Elmira Ferguson, Ids A Finch, Champlin, S W Compton, E F Cooper, John W Camble, B Gildner, Joseph W Glesson, 19.

Lette Miller, Lisie Milligan, A M. Minkler, J M Montgomery, H K Allen, Columbia Valley Trust Co, Columb, 19.

Lettic Miller, Elsie Milligan, A M. Minkler, J M Montgomery, H K Allen, Columbia Valley Trust Co, Columb, 23.

Lettic Miller, Elsie Milligan, A M. Minkler, J M Montgomery, H K Allen, Columbia Valley Trust Co, Columb, 19.

MecCollum, Mal McCollum, McTagon, W Harris, E J Lane, Mayfeld Bros, J W McCollum, Mal Miller, Lisie Milligan, A M W Myers, John McCormick, T McCormick, T McCollum, McTagon, C T H McGhee, C C McNeeley, Petry W Newbill, C P Nelson, T R Rabort, S Rannolls, D P Rus, Reed & Storey, John McCormick, T McCollumbia, Consideration of the Milligan, A M W Myers, John McCormick, T McCollum, McTagon, C M W Mores, John McCormick, T McCollum, McTagon, C M W Myers, John McCormick, T McCollumb, Lall McCollum, McTagon, C M W Myers, John McCormick, T McCollum, McTagon, C M W Myers, John McCormick, T McCollumb, McTagon, C M W Myers, John McCormick, T McCollumb, McTagon, C M W Myers, John McCormick, T McCollum, McTagon, C M W Myers, John McCormick, McCollum, McTagon, C M W Myers, John McCormick, T McCollumb, McCo

ett, and all persons unknown owning or claiming to own, or having or claiming to lave, any right, title, equity or interest whatever in the real property hereinafter described, the above named defendants:

cree will be rendered foreclosing the lien of said taxes and costs against the land and premises above named. This summons is published by or-

Against Cramp and Cold.

If your ewes were in good order in the fall they should still carry very good flesh, writes a West Virginia farmer in the National Stockman. They should now be turned on a reserved sod handy to an open front shed, with plenty of hay in the racks. Sprinkle some sait on the hay occa-In the name of the state of Oregon, ninety-nine hundredths (\$2931.99) Dollars, the same being the amount then due and delinquent for taxes for the year 1908, together with penalty, interest and costs thereon upewes and if not giving enough milk for lambs, feed them twice a day warm milk just from the cow. If you find one that has become chilled by cold wind, rain or neglect of the ewe, get him near the fire, give his legs and body a good rubbing with a woolen cloth, heat the cloth, wrap him up and lay him before the fire for a few minutes. Soon he will shake himself and give the hunger signal; then feed him, either by way of the ewe or the cow. Sometimes a lamb will apparently lose the use of his legs and refuse to stand and his head will draw to one side. This is a sign of cramps in the stom-This is a sign of cramps in the stometh. Give oil physic, dose same as for shild.

I have handled sheep and lambs for 18, lot 4, bik 17, Laidlaw, wij swij sec the handled sheep and lambs for a number of years, and it was a long time before I got acquainted with the cramping part. For several years I considered him the same as dead and let him go, but now I dope them and save nine cases out of ten. This may seem some trouble, but it is only the work of a few minutes and saves \$4 or \$5.

The Lambiess Ewe.

If a ewe loses lier lamb she should be required to mother a lamb of another ewe that has twins or is unable to supply her lamb with enough milk. Many ewes can be induced to adopt a lamb if time and patience is exercised. Remove the skin from her own dead lamb and place it on the lamb to be adopted by her. Since she knows her lamb by the odor and not by sight this method will be effective in many cases. The old skin may be removed in a day or two.

The Lambiess and saves \$4 to \$1.2, the \$1.2, the \$1.2, the \$1.3, the \$1.3 blk 17, Deschutes add, lots 13, 14, blk 33, Palmain; nej sej sec 14, tp 13, r 13, ej sej swi, nwi swi sec 13, tp 12, r 13, sj nej, nj sej sec 2, tp 17, r 20, wj nej4, wj sej sec 20, tp 17, r 20, j int in nwi nej sec 33, nwi nej, sej nwija sec 26, tp 12, r 12, lots 6, 7, blk 11, Ashwood, lot 2, blk 11, Ashwood, lot 14, blk 20, Palmain, lot 6, blk 11, Palmain, lots 5, 6, blk 15, Prineville, nwi sej sec 26, tp 16, r 11, nj nej, sej nej sec 31, nwi nwi sec 32, tp 11, r 17, swi sec 28, tp 17, r 20, sej sec 7, tp 19, r 13, wj sej, nej sej sec 3, nej sej sec 8, tp 13, r 14, lot 9, blk 3,

In after deecribed, defendants.

To John Arnicker, Ashwood Go'd Mining Co, S A Bakley, S H Bornes, C C Buchanan, C C Butler, G F Colliban, Hulda Carson, H E Chaffee, Frank D Chaplin, S W Compton, E F Cooper, John W Crooks, F M Donaldson, Catherine Dwyer, Elmira Ferguson, W McColum, McTaggart & Bye, Mrs M J Price, W P Myers, A W Myers, John Mackey, H E Miller, Lettie Miller, Elsie Milligan, A M Minkler, J M Montgomery, H K Allen, Columbia Southern Irrigation Co, Mary Ferguson, Fletcher & Croup, W F Hammer, W W Harris, E J Lane, Mayfield Bros. J W McCollum, Jail McCollum, McTaggart & Bye, Mrs M J Price, W P Myers, A W Myers, S John McCormick, T McCoy, T H McGollum, McTaggart & Bye, Mrs M J Price, W P Myers, A W Myers, S John McCormick, T McCoy, T H McGollum, McTaggart & Bye, Mrs M J Price, W P Myers, A W Myers, S John McCormick, T McCoy, T H McGollum, McTaggart & Bye, Mrs M J Price, W P Myers, A W Myers, S John McCormick, T McCoy, T H McGollum, McTaggart & Bye, Mrs M J Price, W P Myers, A W Myers, S John McCormick, T McCoy, T H McGollum, McTaggart & Bye, Mrs M J Price, W P Myers, A W Myers, S John McCormick, T McCoy, T H McGollum, McTaggart & Bye, Mrs M J Price, W P Myers, A W Myers, S John McCormick, T McCoy, T H McGollum, McTaggart & Bye, Mrs M J Price, W P Myers, A W Myers, S W Myers, John McCormick, T McCoy, T H McGollum, McTaggart & Bye, Mrs M J Price, W P Myers, A W Myers, S W Myers, John McCormick, T McCoy, T H McGollum, McTaggart & Bye, Mrs M J Price, W P Myers, My Myers, John McCormick, T McCoy, T H McGollum, McTaggart & Bye, Mrs M J Pri due as above shown together with costs and accrued interest and in case of your failure to do so, a de-cree will be rendered foreclosing the

This summons is published by or-der of the Honorable G. Springer.

ation, plaintiff,

Ws.

Hardy Allen, Geo. W. Barnes, Sarah
Bandle, Mrs. M. M. Beck, Columbia
Valley Trust Co., Mary Ferguson,
Fletcher & Croup, J. L. Gard, Walter
Gilliespie, W. F. Hammer, P. A.
Hamilton, Irvin & Hamilton, Cora
A. Jones, J. W. Jones, J. G. Julien,
Heirs Frank Brogan, E. H. Butler,
E. J. Lane, James Magness, J. W.
McCollum, Jell McCollum, J. W. McKay, McTaggart & Bye, Eric Nelson,
Mrs. E. Poindexter, C. A. Potter, E.
S. Potter, John Sisemore, G. E.
Smith, Mrs. Mary E. Smith, John C.
Stiles, Wm. G. Stiles, Laconie Stiles,
J. P. Strickler, Uren & Son, Warner
& Burnett, A. E. Weisner, Dan C.
Crowley, W. W. Harris, C. S. Ray,
Ed Joslin Est., W. F. C. Profitt,
Profitt Bros., Chas. Lamson, Mayfield Bros., J. L. Lingan, Nancy E.
Pratt, Mrs. M. J. Price, L. S. Rogers,
J. H. Overturf G. Kampher, J. F.
Drew, Columbia Southern Irrigation
Co., and all persons unknown owning
or claiming to own, or having, or
claiming to have, any right, title, or claiming to own, or having, or claiming to have, any right, title, equity or interest whatever in the real property hereinafter described,

claiming to have, any right, title, equity or interest whatever in the real property hereinafter described, defendants.

To Hardy Allen, Geo W Barnes, Sarah Bandle, Mrs M M Beck, Columbia Valley Trust Co, Mary Ferguson, Fletcher & Croup, J L Gard, Walter Gilliespie, W F Hammer, P A Hamilton, Irvin & Hamilton, Cora A Jones J W Jones, J G Julien, Heirs Frank Brogan, E H Butler, E J Lane, James Magness, J W McCollum, Jell McCollum, J W McKay, McTaggart & Bye, Eric Nelson, Mrs E Poindexter, C A Potter, E S Potter, John Sisemore, G E Smith, Mrs Mary E Smith, John C Stiles, Wm G Stiles, Laconie Stiles, J P Strickler, Uren & Son, Warner & Burnett, A E Weisner, Dan C Crowley, W W Harris, C S Ray, Ed Joslin Est., W F C Profitt, Profitt Bros, Chas Lamson, Mayfield Bros, J L Lingan, Nancy E Pratt, Mrs M J Price, L S Rogers, J H Overturf, G Kampher, J F Drew, Columbia Southern Irrigation Co, and all persons unknown owning or claiming to own, or

having or claiming to have, any right, title, equity or interest whatever in the real property hereinafter de-scribed, the above named defendants:

the real property hereinafter described, the above named defendants:

In the name of the state of Oregon,
You are hereby notified that Crook county, Oregon, a public corporation, the holder of Certificates of Delinquency numbered C1 to C57, saving and excepting numbers C12, C29, C38 and C41; issued on the 18th day of March, 1914, by the Tax Collector of the county of Crook, state of Oregon for the amount of One thousand one hundred nineteen and fifty hundredths (\$1119.50)
Dollars, the same being the amount then due and delinquent for taxes for the year 1907, together with penalty, interest and costs thereon upon the real property assessed to you, of which you are the owner as appears of record, situated in said county and state, and particularly bounded and described as follows, to wit:

Lots 7, 8, 9, blk 1, Sisters.

Lots 2, 3, blk 8, Prinoville.

Lots 7, 8, blk 3, Deschutes.

Nå nwå, swå nwå sed 19, tp 17 r 19.

Lots 11, 12, bik 13 Laidlaw.

Lot 8, blk 17, Deschutes.

Nå nwå, swå nwå sed 19, tp 17 r 19.

Lots 13, 14, blk 33 Palmain.

Lot 6, blk 27, Palmain.

Lot 6, blk 27, Palmain.

Lot 6, blk 27, Palmain.

Lot 8, blk 1, Ashwood.

Nej sej sed 14, ej swå, nwå swå, sec 13, tp 12, r 13.

Lot 9, blk 3, Palmain.

Lot 8, blk 1, Ashwood.

Nej nwå, nå nej, sej nej sec 29, tp 10, r 13.

Net nwt, nt net, set net sec 29, tp 10, r 13.

Si swi sec 19, tp 10, r 13. Wie net, set, net, nwi set sec 35, tp Lots 12, 13, 14, blk 3, Palmain. Lot 14, blk 11, Palmain. W½ než, wž sež sec 29, tp 15, r 20. Sž sež sec 10, n½ než sec 15, tp 15, r

Lots 6, 7 blk 11, Ashwood.

Lots 6, 7 blk 11, Ashwood.
Lot 2, blk 11, Ashwood.
Lot 16, blk 11, Lytle add.
Lot 14, blk 20, Palmain.
Lot 6, blk 11, Palmain.
Si4 n% sec 18, tp 15 r 10.
A parcel of land commencing at a point 400 feet east of the sw corner of sw ne 24 9-16, thence east 214 feet, thence north 214 feet, thence west 214 feet, thence south 214 feet to place of beginning.

set, thence south 214 feet to place of eginning.
Nei see 14, tp 18, r 10.
Nwi sec 14, tp 18, r 10.
Lots 13, 14, 15, blk 15, Bend.
Lot 11, blk 22, Bend.
Swi4 swi sec 16, tp 16, r 15.
Nei swi sec 11, tp 17, r 16.
Wi nei, sei nei, nei sec 26, tp 17, Lot 1, signet, set nwt sec 4, tp 22, T. E. J. DUFFY

Lots 23, 24, blk 18, Laidlaw. Lots 1, 2, blk 18, Laidlaw. Lot 11, blk 4, Laidlaw. Lots 10, 11, blk 3, Newsom add Prine-

ville.

S½ set sec 14, net nwt, nwt net sec 23, tp 15, r 12.

Lot 8, blk 9, Laidlaw.

Net set sec 12, tp 10, r 17.

W½ swt, set swt sec 7, tp 10, r 17.

St net, n½ set sec 2, tp 17, r 20.

E 1-2 lots 4, 5, 6, blk 16, Laidlaw.

N½ net sec 10, tp 17, r 21.

Winet sec 10, tp 17, r 21. Ny nej sec 10, tp 17, r 21. Wi nej sej nej, nej sej sec 32, tp

Set swi sec 9, swi nwi sec 15, na set

Sei swi sec 9, swi nwi sec 15, ni sei sec 16, tp 10, r 19.

Nwi sec 3, tp 13, r 13.

i interest nwi nei sec 31, and in nwi nei, sei nwi4 sec 26, tp 12, r 12.

Si nei, ni sei sec 8, tp 13, r 13.

Ei swi, wi4 sec 26, tp 12, r 13.

Ei swi, wi4 sec 26, tp 10, r 13.

Lots 5, 6, blk 15, Prineville.

Nwi nwi sec 25, ni nei, sei nei sec 26, tp 13, r 19.

Sei sec 9, tp 21, r 14.

Sei sec 9, tp 21, r 14.

Sei sei sec 11, swi swi sec 12, nwi nwi sec 13, nei nei sec 14, tp 9, r 14.

Ei swi, sei nwi sec 16, tp 13, r 11.

Lots 1, 2, 11, 12, blk 5, Laidlaw.

Said Hardy Allen, Geo W Barnes,

Crook, and said order was made and dated the 23rd day of April, 1914, and the date of the first publication of this summons is the 23rd day of April, 1914, and the last publication June 25th, 1914.

All process and papers in this proceeding may be served upon the undersigned residing within the state of Oregon, at the address hereafter mentioned. Willard H. Wirz, District attorney and attorney for piaintiff. Address, Prineville, Ore.

Summons.

In the circuit court of the state of Oregon for Crook county.

Crook County, Oregon, a public corporation, plaintiff.

We have the county of the county of the state of Oregon for Crook county.

Crook County, Oregon, a public corporation, plaintiff.

We have the county of the state of Oregon for Crook county.

Crook County, Oregon, a public corporation, plaintiff.

We have the county of the state of Oregon for Crook county.

Crook County, Oregon, a public corporation, plaintiff.

We have the county of the state of Oregon for Crook county.

Crook County, Oregon, a public corporation, plaintiff.

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Crook County, Oregon, a public corporation, plaintiff.

We have the county of the state of Oregon for Crook county.

Crook County, Oregon, a public corporation, plaintiff.

We have the count of the state of Oregon for Crook county.

Crook County, Oregon, a public corporation, plaintiff.

We have the county of the first publication of the state of Oregon for Crook county.

Crook County, Oregon, a public corporation of the state of Oregon for Crook county.

Crook County, Oregon, a public corporation of the state of Oregon for Crook county.

Crook County, Oregon, a public corporation of the state of Oregon for Crook county.

Crook County of the state of Oregon for Crook County of the county of t Mayfield Bros, J L Lingan, Nancy E Pratt, Mrs M J Price, L S Rogers, J H Overturf, G Kampher, J F Drew, Columbia Southern Irrigation Co, and all persons unknown owning or claiming to own, or having or claiming to have any right, title, equity or interest what-ever in the real property hereinabove described; as the owners of the legal title of the above described property as title of the above described property as the same appears of record and each of the other persons above named are hereby further notified that Crook county. Oregon, a public corporation, will apply to the circuit court of the county and state aforesaid for a decree foreclosing the lien against the property above described and mentioned in said certificate. And you are hereby summoned to appear within sixty days after the first publication of the summons exclusive of the day of said first publication, and defend this action or pay the amount due as above shown topay the amount due as above shown to-gether with costs and accrued interest and in case of your failure to do so, a decree will be rendered foreclosing the lien of said taxes and costs against the land and premises above named.

Professional Cards.

Dr. Howard Gove Dr. N. Morrison

DENTISTS Crook County Bank Building

Bennett, Sinnott & Galloway Attorneys-at-Law

General Practice THE DALLES, ORE.

N. G. WALLACE Attorney-at-Law Rooms 3-4-5 Kamstra Bld'g Prineville, Ore

Crook County Abstract Co.

(Inc) Successors to The J. H. Haner Abstract Co. Abstracts Princylle, Oregon

Prof. A. W. Grater, Divine Healer Office in Morris Building three doors south of Journal office. Prineville, Oregon

J. Tregelles Fox

M. R. C. S. Eng; and L. S. A. Londen; Licencee Oregon State Medical Board. Specialist in Surgery; Hygiens; All-mentary Canal, women and children's diseases, etc. Office and residence Third street near Court House. Tel.; Pioneer, Calls answered promptly, night or day. Charges moderate

9. H. Rosenberg Physician and Surgeon ils answered promptly day or night Office two doors south of Templeton's Brug Stone, Medidence carac-ts and Matidence carac-

Chas. S. Edwards H. P. Bolknap OCCULISTS Belknap & Edwards

Physicians and Surgeons. (County Physician.)

Attorney-at-Law

PRINEVILLE . . .

C. C. Brix

Attorney-at-Law Roal Estate

Cornett Building, Room 6 Oregon Prinovillo,

D. H. PEOPLES Civil and Irrigation Engineer Room 11 Adamson Bld'g Prineville, Ore.

E. O Hyde

Physician and Surgeon CALLS ANSWERED PROMPTLY DAY OR NIGHT OFFICE ONE DOOR SOUTH OF ADAMSON'S DRUG STORE. Both office an resj-dence telephones.

Prinoville, - -Oregen

Oregon

W. A. BELL

Lawyer

R. Elliott,

Attorney-at-Law Oregon.

M. C. Brink

Lawyer

A street, Prineville,

Willard H. Wirtz District Attorney Office in Crook County Bank Bldg.

PRINEVILLE OREGON I. O. O. F. Lodge meets every Tues-

Strangers welcome.
T. L. Coon, N.G.; Estes Short, V.G.;
Percy R. Smith, Secretary; C. B. Dinwiddie, Treasurer.

One piano vote with every

cent of your purchase at Prineville Merc. Go.

Notice for Publication-Isolated Tract

Notice for Publication—Isolated Tract
Public Land Sale
Department of the Interior.
U. S. Land Office, The Dalles, Ore,
April 2, 1914
Notice is hereby given that, as directed by the commissioner of the general land office, under provisions of act of congress approved March 28, 1912, [37 Stats. 77], pursuant to the application of
Benjamin A. Sordal
serial No. 011155, we will offer at public sale, to the highest bidder, but at not less than \$2.00 per acre, at 19 o'clock a.m., on the 21st day of May, 1914, at this office, the following tract of land: Lot 1, sec 39, tp 14 south, range 17 east Willamette meridian.

Any persons claiming adversely the above described land are advised to

Any persons claiming adversely the above described land are advised to file their claims, or objections, on or before the time designated for sale.

H. Frank Woodcock,

Bouleter

Notice for Publication.

Notice for Publication.

Department of the Interior,
U. S. Land Office at Burns. Ore,
April 9, 1914.

Notice is bereby given that
Richard Randle
of Paulina. Oregon, who on April
13, 1911, made homestead entry No.
05366, for e½ swi and e½ sei section
9, township 16 south, range 25 east,
Willamette Meridian, has filed
notice of intention to make final
three year proof to establish claim
to the land above described before
L. M. Miller, U. S. Commissioner at
her office at Paulina, Oregon, on the
29th day of May, 1914.
Claimant names as witnesses:
Lewis E. Throop, William Treichel,
Edward E. Laughlin, James J.
Allyn, all of Paulina Oregon
4 16p WM. FARRE, Register.

The Brosius Bar

Finest Brands of Wines,

Liquors and Cigars.

LAGER BEER ON DRAUGHT

F. E. BROSIUS, Proprietor

Farm

For a short time we have subject to our disposal

\$25,000

for loans on highly improved irrigated ranches in the vicinity of Prineville. Loans to be for \$5,000 or more and run from 3 to 5 years, with interest at 8 per cent, payable annually.

We charge a small commission to be paid by the borrower.

A. R. BOWMAN

with Central Oregon Title & Trust Co.

Prineville, Oregon

LUMBER

Shingles, Mouldings, Windows, Doors, Glasses, Etc. Etc., Etc.

SHIPP & PERRY

PRINEVILLE, OREGON

THE HAMILTON STABLES

J. H. WIGLE, Proprietor PRINEVILLE, OREGON

Stock boarded by the day, week or month at Reasonable rates. Remember us when in Prineville. RATES REASONABLE. We have

Fine Livery Rigs For Rent