OF INTEREST TO FARMERS

(Continued from page one.)

be sown in the usual manner. In this way each seed carries many germs to the soil in the immediate vicinity of the young plant.

The glucose in the medium will not all be consumed by the germs in the bottle, in that length of time, and what remains will cause the germs to adhere to the smooth surface of the clover seed.

The manipulation of this is very simple and quite within the reach of any of the modern agriculturists.

Caring for bacteria in the soil means to provide such conditions that those which are desirable may be so stimulated as to perform their highest functions and hold in check the growth of those varieties that are detrimental to plant growth.

The greater number of bacteria are found in the upper layers of the soil because the majority are aerobic, or require air for their growth and there is more organic matter there for them to feed upon than there is in the deeper layers.

When a soil is loosened by a growing crop and frequent cultivation, more air is allowed to circulate through the soil and stimulate the growth of organisms, thus returning to the soil a larger amount of plant food at the time when the plants most need it.

Soil that is properly drained is aerated to a greater depth, stimulating a more thorough decomposition of plant roots, and a retention of moisture for the organisms to carry on their work, therefore conditions of the soil which are conducive to the development of bacteria will insure plant growth of a higher order.

One of the greatest abuses of the soil is to destroy its bacterial content by summer fallowing as practiced in some localities where the land is plowed and allowed to bleach all summer in the scorching rays of the burning sun. Nothing in nature kills more bacteria than sunshine and for that reason no soil should ever be left unprotected. If the organisms are destroyed, decomposition of organic matter ceases, which is a detriment to the soil. Instead of destroying bacteria of the soil, they should be fed, cultivated and stimulated with plant roots and vegetable matter to the fullest possible extent, for bacterial growth comes first and crops are dependent upon their activities.

E. F. PERNOT,
Professor of Bacteriology.
Oregon Agricultural College.

The general readjustment of prices which always follows a financial stringency is already in evidence. Work has commenced on a $2,500,000 hotel in Chicago, and it is announced that the cost will be $500,000 less than it would have been six months ago, this saving being effected through cheaper labor and cheaper building materials. What this means on a permanent investment is easily determined by figuring on a six per cent basis, there being a saving of $30,000 per year, or $2500 per month more than would have been possible had the building been erected six months earlier. When the forces now working toward this general readjustment of economic conditions settle at the new level there will be a revival on a big scale of railroad work and other industrial enterprises that are now at a standstill.—Oregonian.

Adam George has for sale cheap over $160,000 worth of real estate, improved and unimproved. The cream of Harney county. Some tracts are actual snaps. Terms on most of it to suit purchaser. Adam had 41 soil tests made in as many different localities of the county. Every section is known to him. He can suit you if you only make your wants known. He can direct you to some of the best vacant land to be had. Address him at Burns or Lawen Oregon.

Do you know that Pinesalvo Carbolized acts like a poultice in drawing out inflammation and poison? It is antiseptic. For cuts, burns, eczema, cracked hands it is immediate relief. Sold by The Welcome Pharmacy., Burns, Orc. Fred Haines., Harney, Ore.

For Homestead Locations see M. FitzGerald the pioneer Land Locater of Harney County.

Some fine thoroughbred Rhode Island Red cockerels for sale. Inquire at this office.

It is a well known fact that persons living in the Pine forests do not suffer from kidney diseases. One dose of Pineules at night usually relieves backache. 30 days' treatment, $1.00. Your money refunded if not satisfied. Sold by The Welcome Pharmacy., Burns, Ore. Fred Haines., Harney, Ore.

DISSOLUTION NOTICE.

Notice is hereby given that the co-partnership heretofore existing between Simon Lewis and J. T. Garrett, has been dissolved by mutual consent, Mr. Lewis assuming the livery business, Mr. Garrett retiring. All bills owing to the firm are to be collected by Mr. Garrett who will likewise pay any indebtedness against the firm. Parties knowing themselves indebted are urged to call and settle at once.

SIMON LEWIS.
J. T. GARRETT.

Burns, Ore. Nov., 7, 1907.

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LIQUOR LICENSE PETITION.

We the undersigned legal voters of Saddle Butte Precinct, Harney county, State of Oregon, respectfully petition the Hon. County Court of Harney County, State of Oregon, to grant a License to Lloyd Johnson to sell Spirituous, Malt and Vinous Liquors in less quantities than one gallon in Saddle Butte Precinct, Harney County, State of Oregon, for the Period of six Months, as in duty bound we will ever pray.

Names	Names
L. B. Hayes	H. D. Burrow
Will Hayes	Harry Cary
Dave Dyer	M. V. Smith
Frank Cantwell	Neal Moss
[illegible]	B. T. Jordan
M. B. Hayes	R. R. Sitz
L. M. Kingsbury	J. W. Heins
Ed. Jordan	Bob Reed
[illegible]	E. J. Johnson

Notice is hereby given that on Wednesday the 7th day of January 1908, the undersigned will apply to the County Court of the State of Oregon for Harney county, for the license applied for in petition.

LLOYD JOHNSON
Petitioner.

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Governor	A. W. Crawford.
Secretary of State	[illegible]
Treasurer	[illegible]
Supt. Public Instruction	[illegible]
Attorney General	[illegible]
Clerk Supreme Court	[illegible]
Reporter Supreme Court	[illegible]
Printer	[illegible]

NINTH JUDICIAL DISTRICT.

Circuit Judge	[illegible]
District Attorney	[illegible]

COUNTY—[illegible]

Clerk	[illegible]
Treasurer	[illegible]
Sheriff	[illegible]
Assessor	[illegible]
School Superintendent	[illegible]
Surveyor	[illegible]
Coroner	[illegible]

HARNEY [illegible]

Judge	[illegible]
Recorder	[illegible]
Marshal	[illegible]

CITY—[illegible]

Mayor	[illegible]
Recorder	[illegible]
Treasurer	[illegible]
Marshal	[illegible]
Councilmen	[illegible]

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Burns, Oregon.
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SOCIETIES.

HARNEY LODGE, NO. 71, I. O. O. F.
Meets every second and fourth saturday in each month at 7:30 p. m. D. W. Hamilton, P. G. Jackson, Secretary. N. G.

BURNSLODGE NO. 97, A. F. & A. M.,
Meets every first and third Saturday in each month. W. C. Carpenter, W. M. A. C. Welcome, Secretary.

OLIVE LODGE NO. 97 K. of P.
Meets every Tuesday evening in the Brown building. H. D. Burrow, C. C. C. M. Brown, K. R. S.

BURNS LODGE No. 47 A. O. U. W.
Meets every second and fourth Friday. A. C. Welcome, M. W. C. S. Cochran, Recorder.

HARNEY VALLEY CAMP No. 36, W. of W.
Meets every 2nd and 4th Tuesday. C. W. Merrill, Com. W. A. Gregory, Clerk.

BURNS CHAPTER NO. 67, O. E. S.
Meets every second and fourth Mondays in Masonic Hall. Rebecca Swan, W. M. Marie Carpenter, Secretary.

SYLVIA REBEKAH DEGREE No. 48.
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St. Paul Fast Mail 1:45	Walla Walla, Lewiston, Spokane, Minneapolis, St. Paul, Duluth Milwaukee, Chicago and East.	2:35 a. m.

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From Portland

8 p. m	All sailing dates subject to change. For San Francisco every 5 days.	4 p. m.
8 p. m. Ex Sun. Satard'y 0 p. m.	Columbia River Steamers. To Astoria and Way Landings.	4 p. m. Except Sunday.
6 a. m. Except Sunday	Willamette River. Oregon City, Newberg, Salem and Way Landings.	4:20 p m Except Sunday.
7 a. m. Tuesday Tubrd'y & Sat.	Willamette & Yamhill River. Oregon City, Dayton and Way-Landings	3:30 p m Monday Wed. & Friday.
6 a. m. Tuesday Thurs & Sat.	Willamette River. Portland, Corvallis and Way Landings	4:30 p m Tuesday Thurs & Sat.
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The Harney County Live Stock Association will pay Five Hundred Dollars reward for the arrest and conviction of any person or persons who kill, steal or injure any horses, mules or cattle belonging to any members of the Association. The Council Stock Association will add a reward of Five Hundred Dollars.
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In addition to the above I offer $500 under the same conditions for horse or both or either. Horses to be returned on or before Dec. 1st, 1908. Lake and [illegible] counties. Horses ranted when sold. Horses sold to [illegible] this notice will be [illegible] in this paper.
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