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LODGE DIRECTORY
A. O. U. W. - LAKEVIEW LODGE No. 111
Mets every second and fourth Thursday of each month in Masonic Hall.

DEGREE OF HONOR - LAKESHORE
No. 17, D. of H., A. O. U. W.
Meets every third Thursday of each month in Masonic Hall.

I. O. O. F. - LAKEVIEW LODGE No. 100
I. O. O. F. meets every Saturday evening in Fellowship Hall.

I. O. O. F. - LAKEVIEW ENCAMPMENT No. 1
I. O. O. F. meets the first and third Tuesday evenings of each month in Odd Fellows Hall.

REBEKAH LODGE - LAKEVIEW LODGE No. 22
I. O. O. F. meets the second and fourth Fridays of each month in Odd Fellows Hall.

E. S. ORIENTAL CHAPTER, NO. 5 LAKEVIEW, OREGON
Meets on Tuesday, or if before full moon and two weeks thereafter, in Masonic Hall.

CHURCH DIRECTORY
METHODIST EPISCOPAL CHURCH - THE first Sunday in each month, preaching at 11 a.m.

FIRST BAPTIST CHURCH OF LAKEVIEW
Preaching services at 11 A.M. and 7:30 P.M. on 1st and 3rd sun. Sunday School at 10 A.M.

CATHOLIC CHURCH - EVERY SUNDAY MASS and Benediction at 10 o'clock a.m. Sunday school after Benediction.

FIRST BAPTIST CHURCH OF GOOSE LAKE
at New Pine Creek, Oregon. Preaching services at 11 A.M. and 7:30 P.M. of each Sunday.

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Office - Dairy Building.

Home Course Modern Agriculture

XI. - Bacteria - How They Affect the Farmer

By C. V. GREGORY, Agricultural Division, Iowa State College

WE hear a great deal about bacteria, or germs, as they are more popularly called, but few people know what they really are.

Bacteria are tiny plants, each composed of a single cell. These cells are of various shapes and sizes. Some are round, some long and some shaped like a corkscrew.

Bacteria are made up of a clear, jellylike material called protoplasm. This protoplasm is surrounded by a harder cell wall.

Bacteria propagate themselves by dividing. One cell divides into two. Each of these two grows to full size and divides again.

At times the part of the protoplasm of a germ will gather into a round, comparatively hard mass, called a spore. The rest of the cell then crumbles away.

Bacteria, like higher plants, have definite requirements for growth. One of the most important of these is moisture. Drying will not kill bacteria, but it will stop their multiplication.

One of the physical foods of bacteria is nitrogen. Without it they cannot live. Because of this fact sugar and lard, which contain no nitrogen, never spoil.

Not all bacteria are injurious. Although some of man's most deadly enemies are found among these invisible micro-organisms, yet many of them are his best friends.

The putrefying bacteria, or those which cause rotting, are more beneficial than harmful. By their action dead animals and other refuse matter are quickly reduced to the elements from which they were made.

Other micro-organisms in the form of yeast are a necessary help in bread-making. The yeast plants, growing in the dough, set free considerable amounts of carbon dioxide.

The bacteria which cause milk and cream to sour are also useful. Butter made from sweet cream is lacking in flavor, and there is not so much of it, since the bacteria of butter do not collect as readily as in sour cream.

often found in milk that are not. The first variety will always be plentiful enough anyway, and the others should be kept down to as small a number as possible.

One of the most important methods of doing this is by cleanliness. The milk pails and strainers and the separator should be thoroughly cleaned every time they are used.

After the dishes have been scalded they should be placed in the sun for several hours. There should be as much sunshine as possible in the milk room and cow stable also.



FIG. XXI - HOW SPORES ARE FORMED

TREES.

The planting of young trees have been a great success in the past few years by State and Federal Forestry Commission with interesting results.

The young pines can be bought for about \$3 per thousand and at five or six feet apart are set 1,500 to the acre. In fairly open land the cost of planting was \$1.70 per thousand.

Attention is called to the very rapid way in which the investment increases by compound interest and taxes. It is plainly unfair that the lumber crop should be taxed over and over again during growth.

Interior Clothesline. The clothesline or hanger as illustrated herewith is intended for use in the house during wet or cloudy weather.

There are bacteria everywhere—in the soil, in the air and in the water. By far the greater number of these are harmless. Even disease germs are unable to obtain a foothold in a perfectly healthy animal or person.

the connections with small braces made from iron. The frame is hung to the ceiling on three one-half inch brass screw pulleys.

It is generally believed that the load pulls easier if put well forward on the wagon. But this is not so on the ordinary wagon, where the hind wheels are larger than the front ones.

It would in a sense be better to wash eggs sent to market than to send them in a dirty condition. But washed eggs have no keeping qualities.

Wash Eggs For Market. It would in a sense be better to wash eggs sent to market than to send them in a dirty condition.

Nut Industry on the Farm. An industry which the farmer might take up with profit is not growing. Improved nut trees begin bearing at about six or eight years.

Let the farmer plant a few nut trees now. Let the farmer plant a few nut trees now. Let the farmer plant a few nut trees now.

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