

PORTLAND BUSINESS DIRECTORY

Hotel Rowland

One hundred and sixty-five Rooms, all Modern Improvements; free phones on every floor.
Rates: 75c to \$1.50 per day; \$2.50 to \$5.00 per week.

Opposite Courthouse, 2 blocks from Postoffice, Fire Proof, S. P. and Oregon Electric pass door.

SHIP

Veal, Pork, Beef, Poultry, Butter, Eggs and Farm Produce.
to the Old Reliable Everding house with a record of 45 years of Square Dealings, and be assured of TOP MARKET PRICES.
F. M. CRONKHITE,
45-47 Front Street, Portland, Oregon

BUY DIRECT

Do Your Own Plumbing
By buying direct from us at wholesale prices and save the plumber's profits. Write us today your needs. We will give you our rock-bottom "direct-to-you" prices, f. o. b. rail or boat. We actually save you from 10 to 35 per cent. All goods guaranteed.
Northwest headquarters for Leader Water Systems and Fuller & Johnson Engines.
STARK-DAVIS CO.
212 Third Street, Portland, Oregon

NORTONIA HOTEL

Central Location. Beautifully Furnished
Excellent Cafe. 11th and Stark.

\$1.00 Without Bath
\$1.50 With Bath
Weekly Rates
Monthly Rates

NORTONIA HOTEL
PORTLAND, ORE.
Central Location. Beautifully Furnished
Excellent Cafe. 11th and Stark.

EXPULSED—every poison and impurity of your blood, by Dr. Pierce's Golden Medical Discovery. Then there's a clear skin and a clean system. Tetter, Salt-rheum, Eczema, Erysipelas, Boils, Carbuncles, Enlarged Glands, Swellings, and all Blood and Skin Diseases, from a common blotch or eruption to scrofula, are benefited by it.
In building up needed flesh and strength or pale, puny, scrofulous children, nothing can equal it. In liquid or tablet form. Tablets 60c.

FOR GOOD HEALTH AND LONG LIFE
Do not eat meat more than once a day. Drink plenty of pure water, exercise outdoors and take a pleasant laxative at least once a week. Such a one is made of May-apple, root of jalap, juice of aloes, sugar-coated, and first made up and sold as Dr. Pierce's Pleasant Pellets—nearly fifty years ago.—Adv.

The Proper Place.
"The old sailor told me he raised chickens on his vessel."
"I suppose he did it in the hatchway."—Exchange.

That's Why.
"My dear, you certainly have a very sharp nose."
"Well, don't you keep it up to the grindstone all the time?"—Exchange.

Clear Your Skin While You Sleep with Cuticura
Soap 25c. Ointment 25c & 50c

MURINE Granulated Eyelids,
Sore Eyes, Eyes Inflamed by Sun, Dust and Wind quickly relieved by Murine. Try it in your Eyes and in Baby's Eyes.
YOUR EYES No Smarting, Just Eye Comfort
Murine Eye Remedy At Your Druggist's or by mail, 50c per bottle. Murine Eye Remedy, in Tubes 25c. For Bulk of the Eye—Free. Ask Murine Eye Remedy Co., Chicago

P. N. U. No. 24, 1918

Sapolio doing its work. Scouring for U.S. Marine Corps recruits.
Join Now!
Men who wear this emblem are U.S. MARINES
APPLY AT ANY POST OFFICE for SERVICE UNDER THIS EMBLEM

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Sore Eyes, Eyes Inflamed by Sun, Dust and Wind quickly relieved by Murine. Try it in your Eyes and in Baby's Eyes.
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Earn More Young Women and Men

Business cries for trained minds. Grasp your opportunity. Enroll now in Northwest's biggest business college, Behnke-Walker, Portland. Free Catalog.

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Bought, Sold, Rented and Repaired
WALKER ELECTRIC WORKS
Burnside, cor. 10th, Portland, Ore.

Hides, Pelts, Casaca, Wool & Mohair

We want all you have. Write for Prices and Shipping Tags.
THE H. F. NORTON COMPANY,
Portland, Ore., Seattle, Wa., Bellingham, Wa.

White Leghorn Baby Chix

from heavy laying (Hoganized) stock. \$10.00 per 100. We guarantee safe arrival.
THE PIONEER HATCHERY
415 Sixth Street. Petaluma, Cal.

EVERYTHING FOR THE OFFICE
OFFICE FURNITURE & APPLIANCES
PRINTING - ENGRAVING - BOOKBINDING
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Fifth & Oak Streets - PORTLAND, OREGON
COMPLETE LINE OF STEEL FILING DEVICES AND SYSTEMS

CARBON PAPER & TYPEWRITER RIBBON
Simmons Carbon Paper Co., 609 E. 59th North. All kinds of carbon paper, extra durable typewriter ribbons.

AGATE CUTTERS & MFG. JEWELERS
Jewelry and watch repairing. Miller's, 355 Wash. St., Majestic Theater Bldg.

Remembered His Arithmetic.
Another thing that will puzzle our soldiers is English money. One time an American who was the worse for drink was traveling in a railway carriage when the guard asked for his ticket.
"Got none! Lemme lone!" mumbled the Yank.
The guard took out his ticket schedule.
"Five and six, please," repeated the Yank.
"What?" queried the tipy one.
"Five and six, please, repeated the guard.
"Eleven," said the Yank. "Now move long to ze next boy."

SUFFERING CATS! GIVE THIS MAN THE GOLD MEDAL
No humbug! Any corn, whether hard, soft or between the toes, will loosen right up and lift off without a particle of pain or soreness. This drug is called freezone and is a compound of ether discovered by a Cincinnati man.
Ask at any drug store for a small bottle of freezone, which will cost but a trifle, but is sufficient to rid one's feet of every corn or callous.
Put a few drops directly upon any tender, aching corn or callous. Instantly the soreness disappears and shortly the corn or callous will loosen and can be lifted off with the fingers.
This drug freezone doesn't eat out the corns or callouses but shrivels them without even irritating the surrounding skin.
Just think! No pain at all; no soreness or smarting when applying it or afterwards. If your druggist don't have freezone have him order it for you.—Adv.

Its Advantages.
"Is the weather service paying?"
"It's bound to have a raise in it, if it's only the mercury or an umbrella."
Practical Husband.
"A man has just telegraphed me that he has married my daughter."
"Is he a good, practical man?"
"I guess he is. He wired me collect."

USE OF TRACTORS IN SAVING LABOR

Greater Acreage Made Possible by Improved Machines.

INCREASE CORN PRODUCTION

Larger Plows, Harrows and Other Implements, Make It Possible to Accomplish More Work Per Man on Farm.

(Prepared by the United States Department of Agriculture.)

The more extensive use of labor-saving implements will make it easier in 1918 to approximate the record-breaking acreage of 1917, especially when employed in sections where corn is now grown profitably but on a more limited scale than is desirable because present methods require a large amount of man labor. The more general use of recently developed and improved tractors that are adapted to the uses of the small farm as well as the large farm would tend to increase the acreage and to effect a saving in labor. The use of larger plows, harrows, and other implements used in fitting the land would make it possible to accomplish more work per man. Similarly the substitution of two-row planters and two-row and double cultivators in place of smaller and less efficient implements would make it possible to do the same amount of work with less expenditure of labor.

Replant Missing Hills.
In some corn-growing sections it is the practice to replant missing hills as soon as the corn is up to a stand. Frequently this is done by dropping kernels by hand and covering with a hoe. A labor-saving and quicker method would be the use of small hand planters. These could be used to advantage for the first planting also in sections where comparatively small areas are planted and where it is at present the custom to drop the corn by hand and cover with the hoe.

It is the practice in some localities to plant a much larger number of kernels than the number of stalks desired and to thin to the desired stand when the corn plants are about 6 to 8 inches tall. This method may be satisfactory where plenty of labor is available, but where it is desirable to economize labor it would be advisable to plant tested seed at about the same rate as the stand desired and do no thinning.

A more general use of efficient harvesting machinery would permit a more economical use of labor. A corn binder with an attachment for elevating the bundles of corn into a wagon should be used much more extensively than it is for harvesting ensilage corn. There is also on the market a machine that converts the corn into ensilage in the field, elevating it into a wagon, from which it is sucked or lifted into the silo. The use of either of these



Two-Row Cultivator is a Labor Saver.

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COST OF MILK PRODUCTION

Market for Dairy Products Concerned Only in Two Things—Amount Offered and Quality.

The market for dairy products does not care what it costs to produce milk. It is concerned in only two things—the amount offered and the quality. Most farmers are looking at the market instead of looking at the cost, and every poor cow makes it cost more.

Ear Corn in Crib.
When you wish to know how much ear corn there is in a crib find the cubic capacity of the crib and divide by 2 1/2 for good quality corn and you will have the answer.

Valuable Assets.
The skillful hand and a cultured mind are the farmer's most valuable assets.

Good egg production during the "unnatural" or winter months, depends pretty largely on keeping the stock comfortable.

machines, especially the latter, would do away with the necessity of much laborious work.

Harvest by Machinery.
A large percentage of the cutting and shocking of corn is done by hand labor. In some sections, because of unfavorable topography or other reasons, it is not practicable to use machine cutters. However, the greater part of the corn that is now cut by hand labor could be harvested by machinery, economizing labor and doing the work in a less laborious manner.

Much of the corn that is now husked from the shocks could be handled more economically and with a saving in feed value of stover by substituting machine huskers and shredders for hand labor. The use of corn pickers would accomplish similar results in the case of corn husked from the standing stalks. Unloading and elevating machinery at the crib should be introduced and more generally used in many sections where it is now unknown or not commonly used. Where such facilities are not available cribs should be constructed in such a manner that they can be filled and emptied with the least possible labor. For level ground, double cribs with an elevated driveway and approaches that will enable the loads to be driven through the cribs and dumped or scooped out of the wagons without any high pitching are very satisfactory.

GARDENS FOR SOLDIERS

(Prepared by the United States Department of Agriculture.)

A backyard garden for every soldier.

Keep this in mind in deciding whether or not you will have a garden this year.

Of course, the soldiers at the front cannot enjoy the fresh vegetables you raise, but you can, and every meal made up of the vegetables from your garden will leave more meat and wheat for the soldiers. These can be readily shipped to France; most fresh vegetables can not, and unless you eat more vegetables, some soldier will not have his share.

RASPBERRY FOR SPECIAL USE

Varieties Come From Different Parts of America and Europe—Adapted to Different Uses.

(From the United States Department of Agriculture.)

The varieties of raspberries under cultivation have come from different parts of North America and Europe and are adapted to different conditions of environment and to different uses. Thus the Sunbeam and Ohta originated in South Dakota and generally withstand the trying conditions of the cold winters there. The Superlative, which originated in Europe, where the winters are milder than in most raspberry-growing sections of this country, is grown only in the Pacific coast states. The King is a desirable variety throughout the region between the Mississippi river and the Appalachian mountains, where raspberries succeed. In New York and New England, however, it has proved, for the most part, inferior to many other varieties.

In selecting the varieties of raspberries to cultivate in any locality it is usually important to consider (1) the hardness of the canes, (2) the productivity of the variety, and (3) its fitness for the particular purpose for which the crop is to be used. In the characterizations here given special attention has been paid to these points.

Get Weed Seeds Out.
In almost all small grain fields a certain amount of weeds grow and the seeds are threshed with the grain. These same weeds are sown with the grain if they are not gotten out.

How Indiana Responded.

As a result of the campaign for increased food production, one Indiana town of less than 5,000 people had 1,384 gardens last season. In eight towns of another Indiana county 98 per cent of all vacant lots were under cultivation. In three townships in still another county, where special effort was made to increase food production, it was estimated that ten times the average amount of garden crops was produced. Canners for canning fruits and vegetables were placed in each consolidated school in one county, and were loaned to communities which desired to use them.

Value of Stable Manure.
A ton of stable manure, of good quality, may be said to contain 11 pounds of ammonia, six pounds of phosphoric acid and 10 pounds of potash.

The gravel road probably ranks next to the earth road in total mileage.

Every acre should produce something. Idle acres are slackers.

KOVERALLS

Keep Kids Kleen

The most practical, healthful, playtime garments ever invented for children 1 to 8 years of age. Made in one piece with drop back. Easily slipped on or off. Easily washed. Novel elastic bands to stop circulation. Made in blue denim, and genuine blue and white tuckery stripes. Also lighter weight, fast-color material in a variety of pleasing designs, all appropriately trimmed with fast-color galatas. All garments made in Dutch neck, with elbow sleeves or high neck and long sleeves. Folder (in color) showing different materials sent free on request.



\$1.25 the suit
If your dealer cannot supply you we will send them, charges prepaid on receipt of price, \$1.25 each.

Satisfaction guaranteed or money refunded.
A NEW SUIT FREE IF THEY RIP
Beware of Imitations. Look for this label.
Made by—
LEVI STRAUSS & CO., San Francisco
Mrs. of "Freedom-Alls" the new garment for women

Occasions for Excitement.
"Do the people of this country realize they are in war?" asked the visitor.
"I think so," replied Miss Cayenne.
"But they don't seem excited over it."
"No. Excitement is all right for baseball or racing. But a war is so serious that it must be faced with calm determination."—Washington Star.

Cuticura Heals Eczema
And rashes that itch and burn. If there is a tendency to pimples, etc., prevent their return by making Cuticura your daily toilet preparation. For free samples address, "Cuticura, Dept X, Boston." At druggists and by mail. Soap 25, Ointment 25 and 50.—Adv.

Not Like Vaudeville.
"Don't you like grand opera in vaudeville? Sometimes the voices are very fine."
"I like that part. But it seems funny."
"What?"
"To have a singer go through three songs without any change in costume."

Dr. Pierce's Pellets are best for liver, bowels and stomach. One little Pellet for a laxative—three for a cathartic.

A Discovery.
Extract from the Plunkville Gazette: "We recently heard the town band render the 'Marseillaise' for the first time. It is a stirring air. We predict it will become popular."

Not Much.
"Boss, I'm hungry."
"Hunger makes a fine sauce."
"But what good is a sauce without something solid to go with it?"

ALLEN'S FOOT EASE FOR THE TROOPS.
Shaken into the shoes and sprinkled in the foot-bath it gives rest and comfort, takes the friction from the shoe and prevents blisters and sore spots. Makes walking easy. Accept no substitute. Sold everywhere, 25c.

More to the Point.
Berlin's vehicles of all sorts are said to have gone to rack and ruin. What we're waiting for is the collapse of the kaiser's band wagon.—Detroit News.

The Other Kind.
"Have you any wax?"
"Sealing?"
"Ceiling, no; floor."—New Haven Register.

HOW MRS. BOYD AVOIDED AN OPERATION

Canton, Ohio.—"I suffered from a female trouble which caused me much suffering, and two doctors decided that I would have to go through an operation before I could get well."



"My mother, who had been helped by Lydia E. Pinkham's Vegetable Compound, advised me to try it before submitting to an operation. It relieved me from my troubles so I can do my house work without any difficulty. I advise any woman who is afflicted with female troubles to give Lydia E. Pinkham's Vegetable Compound a trial and it will do as much for them."—Mrs. MARIE BOYD, 1421 5th St., N. E., Canton, Ohio.

Sometimes there are serious conditions where a hospital operation is the only alternative, but on the other hand so many women have been cured by this famous root and herb remedy, Lydia E. Pinkham's Vegetable Compound, after doctors have said that an operation was necessary—every woman who wants to avoid an operation should give it a fair trial before submitting to such a trying ordeal.
If complications exist, write to Lydia E. Pinkham Medicine Co., Lynn, Mass., for advice. The result of many years experience is at your service.