PORTLAND BUSINESS DIRECTORY

$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.

EVERYTHING FOR THE OFFICE
OFFICE FURNITURE & APPLIANCES
PRINTING :: ENGRAVING :: BOOKBINDING
Kilham Stationery Printing Co.
FIFTH & OAK STREETS PORTLAND, OREGON
COMPLETE LINE OF STEEL FILING DEVICES AND SYSTEMS

New Houston Hotel
Sixth and Everett Sts., Portland, Ore.
Four blocks from Union Depot. Two blocks from New Postoffice. Modern and fireproof. Over 100 outside rooms. Rates 75c to $2.00.
CHAS. G. HOPKINS, Manager.

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

FRED DUNDEE
MOTOR CAR REPAIRING
MACHINE WORK
MAGNETO SERVICE STATION
ALL KINDS OF
WELDING
CYLINDER GRINDING
PROMPT ATTENTION TO ALL ORDERS
Broadway at Flanders, Portland, Or.

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.

AUTO ACCESSORIES
Motors, gears, bearings, wheels, axles, and trailers. We wreck all makes of cars and sell their parts at half price. David Hodes Co., N. Broadway and Flanders.

ACETYLENE LIGHTING SYSTEMS.
Pilot Generators installed. All kinds of Supplies. J. W. Clancy 333 E. Morrison St.

MACHINERY
Cut your own lumber on a Wheland Portable Sawmill. You will save time and big money on your next lumber bill. With this sawmill you can supply the lumber needs of your neighbors also. The price is reasonable, and the profits will soon pay for the machine. Write for catalog and full details. Clyde Eqpt. Co., 18th and Thurman sts., Portland Ore.

HOMESEEKERS AND INVESTORS
Buy Land Under the Stars and Stripes in marvelous Prairie Co. Eastern Montana. Farms, Ranches and Wholesale Tracts, Best of Soil, Coal, Good Water and Living Springs. We own and control what we offer, are not a syndicate. Can save and make you money. MABON LAND COMPANY, Byron Mabon, Mgr. TERRY, MONT.

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.

200 Rooms 100 Baths | Near Both Depots | Absolutely Fireproof
Hotel Hoyt
Corner Sixth and Hoyt Sts., Portland, Ore.
LOU HIMES, Manager.
RATES:—75c to $2. SPECIAL—Week or Month

The MAGIC MOP 98¢
PARCEL POST PAID SPECIAL
Lessens the Housework Drudgery. No back-breaking. Thousands now in use. Self wringing. Simple and practical. Full directions with each mop.
H. C. FIXOTT

Hides, Pelts, Cascara Bark, Wool & Mohair
We want all you have. Write for Prices and Shipping Tags.
THE H. F. NORTON COMPANY,
Portland, Ore., Seattle, Wn., Bellingham, Wn.

Sore Eyes Granulated Eyelids, Eyes inflamed by exposure to Sun, Dust and Wind quickly relieved by Murine Eye Remedy. No Smarting, just Eye Comfort. At Druggists or by mail 50c per Bottle. Murine Eye Salve in Tubes 25c. For Book of the Eye FREE ask Murine Eye Remedy Co., Chicago

TYPHOID is no more necessary than Smallpox. Army experience has demonstrated the almost miraculous efficacy, and harmlessness, of Antityphoid Vaccination. Be vaccinated NOW by your physician, you and your family. It is more vital than house insurance. Ask your physician, druggist, or send for "Have you had Typhoid?" telling of Typhoid Vaccine, results from us, and danger from Typhoid Carriers. THE CUTTER LABORATORY, BERKELEY, CAL. PRODUCERS VACCINES & SERUMS UNDER U. S. GOV. LICENSE

Skin Tortured Babies Sleep After Cuticura
Soap 25c. Ointment 25 and 50c.

Her Value

"Our neighbor's wife would be invaluable in Germany."

"In what way?"

"For her tendency to rubber."

The Right Kind.

"Cut out that joking in the ranks," cried the sergeant.

"But they are rank jokes, sir," was the culprit's comeback.—Exchange.

Tough.

"Both day and night I'm on the go,"
The tired chauffeur protested.
"I never get a rest, although
I often get arrested."

"I," said the temperance man, "strongly object to the custom of christening ships with champagne."

"I don't," replied the other man. "I think there's a temperance lesson in it."

"How can that be?"

"Well, immediately after the first bottle of wine the ship takes to water and sticks to it ever after."—New York Globe.

THE MAKING OF A FAMOUS MEDICINE

How Lydia E. Pinkham's Vegetable Compound Is Prepared For Woman's Use.

A visit to the laboratory where this successful remedy is made impresses even the casual looker-on with the reliability, accuracy, skill and cleanliness which attends the making of this great medicine for woman's ills.

Over 350,000 pounds of various herbs are used anually and all have to be gathered at the season of the year when their natural juices and medicinal substances are at their best.

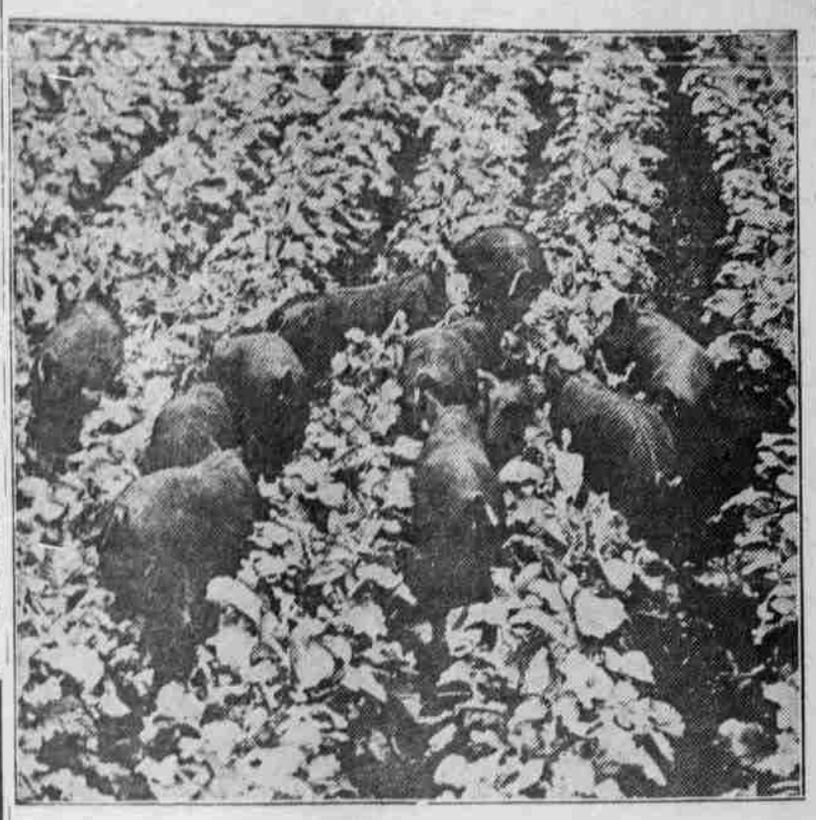
The most successful solvents are used to extract the medicinal properties from these herbs.

Every utensil and tank that comes in contact with the medicine is sterilized and as a final precaution in cleanliness the medicine is pasteurized and sealed in sterile bottles.

It is the wonderful combination of roots and herbs, together with the skill and care used in its preparation which has made this famous medicine so successful in the treatment of female ills.

The letters from women who have been restored to health by the use of Lydia E. Pinkham's Vegetable Compound which we are continually publishing attest to its virtue.

COST OF PRODUCING PORK REDUCED BY USE OF PASTURE AND FORAGE CROPS



YOUNG PIGS ON RAPE PASTURE.

(Prepared by the United States Department of Agriculture.)

Although corn constitutes a large proportion of the feed given to hogs, the cost of producing pork may be materially reduced by the use of pasture and forage crops, supplemented by grains. Rape, soy beans, cowpeas, peanuts, alfalfa, clover, vetch, rye, oats, and Canada field peas are all valuable forage crops for swine of any age. In general, the grain ration which is suited to be fed with the legumes is corn and barley, etc.; with the non-legume plants, a small amount of nitrogenous feed, such as tankage or oil meal, is advisable.

As a general rule, if rapid gains are desired, a full ration of grain is fed along with the forage, but if economy in feeding is to be practiced smaller proportions of grain will be better. In some sections of the country, where pastures are luxuriant, mature hogs are maintained in apparently satisfactory condition on pasture alone. This practice should be followed, however, in case of young, growing pigs, because they will become thin in flesh and stunted if compelled to live on pasture alone.

In a feeding test extending over three summers at the Missouri experiment station, forage crops demonstrated their value. Ten pounds of gain were accredited to each bushel of corn consumed before gains were accredited to forage crops. Grain was fed at the rate of 2 or 3 per cent of the weight of the hogs. For each acre pastured alfalfa produced 596 pounds of pork; corn 395; rape, oats, and clover 394; sorghum 370; blue grass 295; rye grain 244; cowpeas 224, and soy beans 183.

Grain for Hogs.

Hog raisers differ widely regarding the quantity of grain that should be fed to hogs while on pasture. Some feeders give them all they will consume; others about 2 to 3 per cent of the live weight of the hog. Still others will allow pigs to run on pasture and feed them a 1 per cent grain ration. There is no fixed rule governing the supplemental grain ration which should be fed in combination with forage. The amount of grain fed depends upon the kind of pasture used, the price of grain, and the market. When a farmer has more hogs than his pasture will accommodate, the pasture will last longer if a full grain ration is fed.

When grain is high, it is rather expensive to feed a supplemental grain ration. At such times there is a great temptation to place the hogs upon pasture alone. This practice will hardly ever pay, for it generally takes more grain and more time to finish off the hogs than if they had been fed a liberal ration while on pasture.

The amount of grain used also will depend upon the length of time the feeder has in which to fit the hogs for market. Hogs that are marketed from ten to twelve months old are usually maintained on pasture alone during the grazing season. If any grain is given at all it is very light. In this way the greater percentage of growth is made from the cheaply grown forage. Where rapid finishing is desired, the liberal use of grain is important.

Importance of Pasture.

Permanent pastures also play an important part in a forage-crop succession. Such pastures as alfalfa, the clovers, blue grass, Bermuda, and a number of others, have their greatest use during the summer, when few temporary crops, such as corn, soy beans, cowpeas, and velvet beans, are available. Permanent pastures do not furnish grazing as early in the spring as do the cereals, but they grow better during late spring and summer and afford an abundance of forage at a season when few other pasture crops are ready to graze. A permanent pasture then takes the place of a reserve forage crop, being called upon to furnish grazing at any time of the year when other pastures fall or are exhausted.

Dry-lot rations are not usually satisfactory from a financial standpoint. Corn ordinarily forms the basis of the ration, with protein supplied from one of the concentrates, such as mill feeds, oil meal, soy beans, alfalfa, or like feeds. Where milk is available it is frequently fed to hogs to advantage, but under present conditions much of the skim milk which has been given to hogs should now be manufactured into cheese.

When fed in the dry lot, a common custom is to give the pigs all the feed they will clean up in a reasonably short time. For a pig weighing 15 to 50 pounds live weight, a full ration for one day is about six pounds of grain for each 100 pounds of weight; for larger pigs the ration will continue to grow smaller in proportion to weight until the 300 to 350-pound pig will only consume a daily ration equal to about 2.4 per cent of his weight.

BEST FEED FOR YOUNG PIGS

When Little Animals Begin to Nose Around for Something to Eat Supply Shelled Corn.

(Prepared by the United States Department of Agriculture.)

One of the best feeds for young pigs is shelled corn. When pigs are about three weeks old, sometimes less, they begin to nose around for something to eat, and at this time, in order to make them gain more rapidly, shelled corn should be supplied.

It should be in a self-feeder in a pen where the pigs can go to it and will not be bothered by any of the rest of the hogs. This can be arranged by a creep just large enough to admit the pigs handily. Don't forget that these little fellows grow quite rapidly and from time to time the creep must be made larger.

After the pigs are four or five weeks old, especially if they do not have good grass pasture, the addition of some shorts, tankage or oil meal is advisable. Nothing would be better, however, than skimmed milk.

The self-feeder in which is kept corn and other feeds should be maintained right along until weaning time, and after that if the pig is intended for market purposes. Pigs to be used for breeding purposes may be kept on a self-feeder all the time with splendid results, but in some cases they get too fat and logy and do not take the proper exercise. The most profitable pig is the one that never quits growing from farrowing time until he is driven over the scales.

HAVE A WEED-FREE FARM

(Prepared by the United States Department of Agriculture.)

Far more important than to kill weeds is to avoid having weeds to kill. In other words, the farmer should aim to prevent rather than cure the evil. A farm can be made almost free of weeds by strictly observing the following principles: (1) Prevent weeds from going to seed on the farm; (2) prevent weed seeds being brought to the farm; and (3) in the case of perennial weeds, prevent them from making top growth and thus finally starve out the underground parts.

PREACHERS ASKED TO HELP

Ministers of All Denominations Requested to Tell People How America Needs Food.

(Prepared by the United States Department of Agriculture.)

Every minister, priest, and rabbi in the United States is to be asked to join in the campaign that aims to insure this year record-breaking crops of every farm product.

The United States department of agriculture, through the states relations service and by co-operation with the federal council of churches, is sending a special letter to all preachers asking their assistance in the food-production campaign. The preachers are being asked to get in touch with county agents and with the state extension service, which represents the state agricultural college and the United States department of agriculture, and to devote as much time as possible to enlightening their people regarding the necessity of local food production. They are being furnished with data regarding the great burdens upon the transportation system of the country, and, in sections where the food production is insufficient for local needs, a special message is being sent to urge increased production to meet local demands.

SWIFT & COMPANY U.S.A.

National and Local Meat Business

The meat business of the country is conducted by various agencies—

By small slaughter-houses in villages—

By local Abattoirs or small Packing Houses in towns—

both

Using **only a part** of the local live stock supply

and

Furnishing **only a part** of the local demand for meat.

These slaughtering and distributing agencies fill a well defined but necessarily restricted place in the distribution of the products of live stock.

But only packers like Swift & Company, organized on a national scale, are able to undertake the service that is more vitally important, involving

An Obligation to the Producer

To purchase for spot cash *all* the live stock the producer may send to market for slaughter.

An Obligation to the Consumer

To make available to every consumer, everywhere, in season and out, the full supply and variety of meat products, of the highest standard that the market affords.

Year Book of interesting and instructive facts sent on request. Address Swift & Company, Union Stock Yards, Chicago, Illinois

Swift & Company, U. S. A.

Talking Politics.

"I don't hear you talking politics very much."

"No," replied Senator Sorghum, "Talking politics is all right in time of peace. But I'm willing to fight for the future privilege of talking my politics strictly in my native language."—Exchange.

Sense of Humor.

"So you think women have a sense of humor."

"Decidedly," rejoined Miss Cayenne. "Some of them would never marry the men they do if they didn't appreciate jokes."—Exchange.

Not a Permanent Objection.

Prospective Tenant — I like the house, but I don't fancy having that huge building opposite. It cuts out the view.

Agent—Oh, but that's only a munition factory. It may blow up any day.—Exchange.

A Waste of Knowledge.

"Your friend seems very pessimistic about the outcome of the war."

"Yes; you see, he has no way of advising Gen. Foch when to bring on his reserve army."—Exchange.

To keep clean and healthy take Dr. Pierce's Pleasant Pellets. They regulate liver, bowels and stomach.

True Devotion.

"And you love me for myself alone?"

"Yes, dear."

"Suppose I were to inherit a million dollars?"

"I could help you spend it with a clear conscience."—Birmingham Age-Herald.

Intrusted to an Expert.

"Does that mule of yours kick?"

"Yep," replied Farmer Corntossel. "An' I don't much object. There allus has to be some kickin' and I'm perfectly satisfied to leave it all to the mule."—Washington Star.

All the Fixings.

Little Freddy had just been put in khaki suit with long trousers.

"Mamma," he asked, "am I a ma now like papa?"

"I suppose so," she replied.

"Well, then," he continued, "I gues I'll take a dime out of my bank and g down to the barber shop and g shaved."—Exchange.

Giving Details.

Maud—Kitty married a man a goo deal older than she is, so I hear.

Marie—Older? Why, he's twice h real age and three times the age sh says she is.—Boston Transcript.

WITH YOUR HANDS TIED by son chronic "female com plaint" or weaknes what can you expec There's nothing yo can accomplish- nothing you can e joy. And no goo reason for it. Doct Pierce's Favori Prescription will cu you, safely and ce tainly, if you'll gi it faithful use. F every one of the womanly troubles, this is the on remedy: In periodical pains, bearin down sensations, organic displac ments, and every kindred ailment, a in all the nervous disorders caused functional derangements.

An easily procured vegetable pill made up of May-apple, the dried jui of the leaves of aloes, and the root jalap, made into a tiny pellet and co ed with sugar. It was first put in ready-to-use form by Dr. Pierce near 50 years ago. Almost every drug sto in this country sells these vegetab pellets in vials for 25c—simply a for Dr. Pierce's Pleasant Pellets. Th have Dr. R. V. Pierce stamp.—Adv.

"Miss Bertha says she has such elastic nature."

"I suppose that is why she does much rubbering."—Exchange.

With the Fingers! Says Corns Lift Out Without Any Pain

You reckless men and women who are pestered with corns and who have at least once a week invited an awful death from lockjaw or blood poison are now told by a Cincinnati authority to use a drug called freezone, which the moment a few drops are applied to any corn or callous the soreness is relieved and soon the entire corn or callous, root and all, lifts off with the fingers.

Freezone dries the moment it is applied, and simply shrivels the corn or callous without inflaming or even irritating the surrounding tissue or skin. A small bottle of freezone will cost very little at any of the drug stores, but will positively rid one's feet of every hard or soft corn or hardened callous. If your druggist hasn't any freezone he can get it at any wholesale drug house for you.—Adv.

How It Started.

Mr. Brown—I had a queer dream last night, my dear. I thought I saw another man running off with you.

Mrs. Brown—And what did you say to him?

Mr. Brown—I asked him what he was running for.—Tit-Bits.

May Have Happened.

"This paper tells of a man passing off as a woman of 25 years. Now I wonder—"

"What do you wonder?"

"If I ever gave up my seat to that lobster on the street car."—Brooklyn Citizen.

Force of Habit.

Jack—Why did you break your engagement with that school teacher?

Tom—If I failed to show up of an evening she expected me to bring a written excuse signed by my mother.—Exchange.

You May Try Cuticura Free

Send today for free samples of Cuticura Soap and Ointment and learn how quickly they relieve itching, skin and scalp troubles. For free samples, address, "Cuticura, Dept. X, Boston." At druggists and by mail. Soap 25, Ointment 25 and 50.—Adv.

Sapolio doing its work. Scouring for U.S. Marine Corps recruits.

ENOCH MORGAN'S SONS CO.

Join Now!
APPLY AT ANY POST OFFICE for SERVICE UNDER THIS EMBLEM

Men who wear this emblem are U.S. MARINES