

# Catarrh

One of the most common of blood diseases, is much aggravated by the sudden changes of weather at this time of year. Begin treatment at once with Hood's Sarsaparilla, which effects radical and permanent cures. This great medicine has received

## 40,366 Testimonials

in two years, which prove its wonderful efficacy in purifying and enriching the blood. Best for all blood diseases. In usual liquid form or chocolate tablets known as Sarsatabs. 100 doses \$1.

### Marked Improvement.

"My washerwoman," Mrs. Lapeling was saying, "used to lose ever so many of my sheets and pillow cases, but she doesn't now. I mark them all with intelligible ink."

Mothers will find Mrs. Winslow's Soothing Syrup the best remedy to use for their children during the teething period.

### No Inducement.

Kitty—Come over to our house and play with my Teddy bear.  
Dicky—Huh! I've got a bull pup to play with that's real meat.

**FITS** St. Vitus' Dance and various nervous ailments cured by Dr. J. C. Kane's Great Nerve Restorer. Send for FREE 32-page trial bottle and treatise. Dr. R. H. Kline, Ltd., 811 Arch St., Philadelphia, Pa.

The Emperor of Austria is said to have the finest collection of orchids in the world at his palace at Schoenbrunn. There are 18,000 plants.

# CASTORIA

For Infants and Children.  
The Kind You Have Always Bought

Bears the Signature of *W. D. Hoagland*

### Located.

Knicker—Where is his residence?  
Booker—For voting, in New York; for divorce, in Dakota; and for good, in Europe.—New York Sun.

**HOWARD E. BURTON**—Assayer and Chemist. Leadville, Colorado. Specimen prices: Gold, Silver, Lead, Zinc, Copper, etc. Analytical tests, mailing envelopes and full price list sent on application. Control and U. S. pure work solicited. Reference: Carbonate National Bank.

## HAVE YOU EVER USED "IMPERIAL" RICE?

Imported Rice, superior quality. Comes in bulk or 5-lb. bags. If your dealer doesn't keep it send us his name and address. We also handle all classes of Domestic Rice at lowest prices. The only Rice Mill and largest dealers on the coast.

**PORTLAND RICE MILLING COMPANY**  
PORTLAND, OREGON

## MAKE OLD SILVER NEW

Have you some old, tarnished Knives, Forks and Spoons that look bad? Would you like to have them plated with pure silver so they will look and wear like solid silver?

### SEND US YOUR NAME AND ADDRESS

and give us a list of what you have that needs refinishing and we will send you by return mail full information and particulars how to have it done at little cost.

### It Doesn't Cost You a Cent to Learn It

Simply send us your name and address, as above, and we will do as we agree.

**OREGON PLATING WORKS, Silver Department**  
16th and Alder Streets. Portland, Oregon

**TOWER'S FISH BRAND POMMEL SLICKER**  
The cleanest, lightest and most comfortable. At the same time cheapest in the end because it wears longest \$3.50 Everywhere. Every garment guaranteed waterproof. Catalog free.

## W. L. DOUGLAS \$300 SHOES \$350



W. L. Douglas makes and sells more men's \$3.00 and \$3.50 shoes than any other manufacturer in the world, because they hold their shape, fit better, and wear longer than any other make. Shoes at All Prices, for Every Member of the Family, Men, Boys, Women, Misses & Children. W. L. Douglas \$4.00 and \$5.00 Gilt Edge Shoes cannot be equalled at any price. W. L. Douglas \$1.50 and \$2.00 shoes are the best in the world. Free Color Eyelets and Free Enclosed. No Take No Substitutes. W. L. Douglas name and price is stamped on bottom. Sold everywhere. Shoes mailed from factory to any part of the world. Catalogue free. W. L. DOUGLAS, 188 Spark St., Brockton, Mass.

# FARMS AND FARMERS



### Attend the Institutes.

The farmers' institute season is at hand. Now, Mr. Farmer, these meetings are for you. They are held for the purpose of bringing you and your neighbors together to discuss the fundamental principles and facts concerning your great business. State speakers will be on hand to instruct and lead the discussions, but you must be there to get any benefit from the meetings. It is your duty to yourself and your neighbors to attend and take part in the farmers' institute when it is held in your county or township. Do not go in a critical mood, but go with a desire to learn more about farming and if you have some problem that is worrying you, tell about it and may be someone can help you out. Perhaps your experiences will be of direct value to some other man who is having a hard time.

The farmers' institutes were established for the same purpose as our agricultural colleges and experiment stations; for the purpose of furthering the cause of agricultural education; of helping the man on the farm better understand his business and thereby make a greater success. The State speakers are all thoroughly practical men and women who have had experience in what they talk about and are willing to give help and information whenever they can. But the success of any farmers' institute meeting will depend upon the farmers themselves whether they will attend and take part in the programs. Enthusiasm is generally marked by numbers and when an enthusiastic body of men get together, there is sure to be some good come of it.—Farmer's Guide.

### The So-Called "Alaska" Wheat.

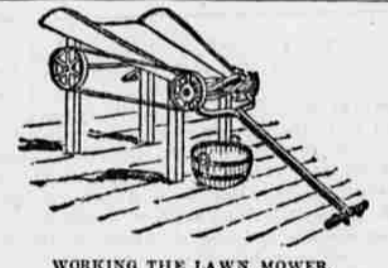
The Bureau of Plant Industry has prepared the following statement in anticipation of inquiries concerning "Alaska" wheat:

A variety of wheat under the name of "Alaska" is being widely advertised as capable of yielding at the rate of 200 bushels to the acre under ordinary soil conditions and even better "under extra conditions." It is stated that this variety was found growing wild in Alaska, and claims of the most extravagant nature are made for it. In consequence of this notoriety the department is receiving many requests for seed.

This type of wheat has been known for many years both in this country and in Europe. It has been tried at several state experiment stations in the western part of the United States during the past fifteen years, but nowhere have the yields been high enough to merit attention. The wheat has been grown to a very limited extent on certain heavy undrained soils in France for many years. In such locations it is said to yield rather better than ordinary wheat, but as it is one of the poorest wheats known for making flour, it is never grown where ordinary varieties of wheat will thrive.

### Homemade Feed Cutter.

An old lawn mower can be arranged to make a fairly satisfactory straw or feed cutter. One must rig up a hopper.



WORKING THE LAWN MOWER.

as shown in the sketch, and attach the mower to the lower end of it so that the straw or grain will just strike the knives where the grass usually comes into the mower. A crank and a belt arrangement makes it easy for one man to feed and turn the cutter. This is a good use for a lawn mower in the winter time when it is not working outdoors.—Farm and Home.

### Fraud in Sale Cows.

It is not so very uncommon for sale cows or inferior milkers to be left unmilked for a long period, in order to make up a tempting bag to catch the eye of the probable purchaser at market. Painting the teats with collodion in order to close the ducts and prevent any leakage from pressure of the milk, or closing the sphincters in similar fashion when natural weakness causes inability to retain the milk, are not unknown, and, sad to say, it is not the "low" dealer that is solely guilty of such practices.

### Loco Weed.

It has been found by Government experts that the poisonous action of the loco weed is due to barium. Investiga-

tions have been in progress for the past few years to determine the cause of this condition of range stock, which has come to be known as "locoed." The reason the weed is so poisonous in some sections and not in others is that on some soils it contains no barium. The Bureau of Plant Industry, in a recent bulletin, says that it is possible to kill out the weeds if the pastures are fenced, as the weeds grow in patches. There is no feasible way of ridding ranges of the weeds, however.

It was found that locoed cattle can in most cases be cured by a course of treatment with strychnine, while locoed horses can generally be cured by a course of treatment with Fowler's solution. The animals under treatment must not be allowed to eat the loco weed and should be given only nutritious food, but as far as possible food with laxative properties. To this end magnesium sulphate was administered to correct the constipation, which is almost universal among locoed animals. It should be noted, too, that magnesium sulphate may serve to some extent as an antidote to the poison.

### Renewing the Soil.

Sixteen years ago I purchased a farm of 160 acres that had been owned by a widow who rented fields to her neighbors on shares, and of course the tenants took their portion home and fed it on their farms and returned nothing to this farm," writes a correspondent.

"When I commenced to farm it, I found the clay land only produced ten to fifteen bushels of corn per acre, the black ground from thirty to forty bushels. The clover was so light on the clay land it did not pay to cut it. I put in a good many rods of tile ditch, fed all the grain except wheat that grew on the farm, saved all the manure and spread it on the poor spots and raised one crop of corn, one of wheat and one of clover in succession. I plow eight inches deep, but never plow or turn stock on ground when wet.

"Now the clay land will produce thirty to forty bushels and black land fifty to sixty bushels of corn per acre, wheat fifteen to twenty-five and clover so heavy that all had to be stirred before it would cure. I have never used a pound of commercial fertilizer. I expect to continue increasing the fertility of the farm by the same process."

### Keeping Milk Sweet.

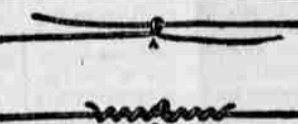
In some of the milk studies made at the New York Agricultural Experiment Station (Geneva), it was observed that carbonic acid gas in the milk tended to prevent its souring. This seemed worthy of further investigation and a series of tests was conducted in which the gas was combined with the milk under varying pressures, using the ordinary soda water charges and sealing the bottles to retain the gas and exclude the air. With the higher pressures of gas, souring of the milk was delayed indefinitely; as bottles charged under pressure of 175 pounds to the inch remained sweet for five months. The milk thus treated makes an agreeable drink, and it is believed that the process will be valuable for preserving milk for use on sea-going vessels, in hospitals, and elsewhere. Full details of the tests are given in Bulletin No. 202 of the station, which may be obtained on application.

### Graft and Stock.

The question of the influence of the stock on the graft and vice versa has been much discussed. The experiments recorded by M. L. Guignard in the Comptes Rendus were made with a view of discovering whether there is any migration of chemical substances from the one to the other. Plants rich in compounds of hydrocyanic acid were chosen, as this is easy to detect. It was found that when a plant containing a hydrocyanic glucoside is grafted on one destitute of it, or inverted, there is no passage of this substance from the one to the other. The general conclusion seems to be that grafting is a sort of artificial symbiosis in which each species retains its individuality.

### Good Fence Wire Splice.

There are not many people who know how to make a good neat wire splice.



In the picture figure A shows the first movement and figure B the ends after they have finally been secured.

### Prairie Hay and Corn.

As the result of some experiments in fattening cattle, it was shown that when prairie hay was fed with corn alone it gave small, unsatisfactory gains and very little profit.

**WE BUY FURS AND HIDES**  
For spot cash, 10 to 20% more money for you to ship. How Furs and Hides to us than to sell at home. Write for Price List, Market Report, Shipping Tags, and about our **HUNTERS' & TRAPPERS' GUIDE** 216 Hides, 450 pages, leather bound. Best thing on the subject ever written. Illustrating all Fur Animals. All about Trappers' Secrets, Traps, Game Laws, How and where to trap, and to become a successful trapper. It's a Guide Encyclopedia. Price, \$1. To our customers \$1.25. Hides tanned into beautiful robes. Our Paquetto Butand heavy attractive make traps #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69, #70, #71, #72, #73, #74, #75, #76, #77, #78, #79, #80, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #100. Ship your Hides and Furs to us and get highest prices. Anderson Bros., Dept. 121, Minneapolis, Minn.

# MAPLEINE

A Flavoring. It makes a syrup better than Maple. Sold by grocers.

## VISITING CARDS

### WEDDING INVITATIONS MONOGRAM STATIONERY

There's nothing so genteel as engraved work that is artistically done. We do the finest work on the Pacific Coast, at most reasonable prices. We will mail you specimens of latest lettering and wording of invitations, etc., upon request. Send us your name on a postal card.

**KILHAM STATIONERY AND PRINTING CO.**  
PORTLAND

P. N. U. No. 51-08

When writing to advertisers please mention this paper.

**CRESCENT Egg-Phosphate BAKING POWDER**  
A FULL POUND 25c. Get it from your Grocer

WILL DO ALL THAT ANY HIGH PRICED POWDER WILL DO AND DO IT BETTER

## OUT OF TOWN PEOPLE

Should remember that our force is so organized that WE CAN DO THEIR ENTIRE CROWN, BRIDGE AND PLATE WORK IN A DAY, if necessary. POSITIVELY PAINLESS EXTRACTING PRICE when plates or bridges are ordered. WE REMOVE THE MOST SENSITIVE TEETH AND ROOTS WITHOUT THE LEAST PAIN. NO STUDENTS; no uncertainty—but SPECIALISTS, who do the most scientific and careful work.

**WISE DENTAL COMPANY, INC.**  
Dr. W. A. Wise, Mer., 21 years in Portland. Second floor Falling building, Third and Washington streets. Office hours: 8 A. M. to 8 P. M.; Sundays 9 to 1 P. M. Painless extracting \$5c; plates \$5 up.

## "SPECIAL MERIT" SEAMLESS SCHOOL SHOES

SCHOOL SHOES without seams—think of it—seamless school shoes! They are strong and sturdy, have seamless uppers, tough soles and double leather toes. By far the most durable and lasting shoes obtainable.

"Special Merit" Seamless School Shoes "wear like iron." They wear just twice as long as ordinary shoes with seams.

Made in all styles and sizes, for every day and Sunday wear—for boys and girls.

Your dealer will supply you; if not, write to us. Look for the Mayer Trade Mark on the sole.

FREE—If you will send us the name of a dealer who does not handle Special Merit School Shoes, we will send you free, postpaid, a beautiful picture of George or Martha Washington, size 15x20. State which picture you want.

We also make Leading Lady Shoes, Honor Roll Shoes, Martha Washington Court Shoes and Verza Goshawk Shoes.

**F. Mayer Boot & Shoe Co.**  
MILWAUKEE, WISCONSIN

FOR BOYS and GIRLS

## JUST IN TIME FOR CHRISTMAS

AN EDISON PHONOGRAPH OUTFIT SENT WITHOUT COST TO YOU ON 10 DAYS FREE TRIAL

**Why Not Consider This Offer Now?**  
This is an invitation to every reader of this paper to write us—at once—for our free trial offer—no money down—eight months' time to pay—no interest charged—we pay the freight—and give ten days to try an Edison Phonograph in your own home. Our Outfit No. 5 costs \$18.95 and includes a New Edison Phonograph, with extra large hand decorated Floral Horn, worth \$5.00; one dozen Edison Gold-Moulded Records; one bottle oil; one oil can and an Automatic Brush attachment. This offer is fair to you and to us, because we want you a satisfied customer—a booster for Eilers Piano House—our best advertisement. Send us the coupon—catalogue and full particulars will come to you by return mail.

**Eilers Piano House**  
Portland, Oregon  
Largest Western Dealers in All Makes of Talking Machines Records, Pianos, Organs, Etc.

Cut Out and Mail the Coupon "Do It Today"

Name.....  
Address.....