

Little Soldiers

In your blood are the millions of germs that defend you against disease.

To make and keep these little soldiers healthy and strong, is simply to make and keep the blood of the right quality and quantity.

This is just what Hood's Sarsaparilla does—it helps the little soldiers in your blood to fight disease for you.

It cures scrofula, eczema, eruptions, catarrh, rheumatism, anemia, nervousness, dyspepsia, general debility, and builds up the whole system.

An Infalible Record.

A way of deciding dates of certain important events is suggested by the following anecdote from Lippincott's. The parents of a college son were disputing as to the date of their last letter to their "hopeful," from whom, somewhat to the distress of the mother, they had not heard for some time. "Are you sure, Thomas," asked the mother, unconvinced, "that it was on the 12th that you last wrote to Dick?" "Absolutely!" was the father's decisive response. "I looked it up in my check book this morning."

If It's Your Eye Use Pettit's Eye Salve for inflammation, styes, itching lids, eye aches, defects of vision and sensitive to strong lights. All druggists or Howard Bros.

Unexpected Prize.

With a deftness acquired by long and patient practice the pickpocket extracted an old but well-filled purse from the hip pocket of the unsuspecting old gentleman with the beaming countenance against whom he had carelessly brushed when leaving the Tube station, and on reaching a secluded place he opened it.

The contents had been wrapped with great care in numerous thicknesses of blank paper. Removing the wrappings one by one he found in the center of the package a card with this inscription on it:

Young man, give up your career of crime! Nothing in it!—Tit Bits.

Defrauded the Government.

Franking privileges were greatly abused in days gone by. The government employee's friends shared in his opportunities. In a letter written by Wordsworth in 1815 the poet said: "By means of a friend in London I can have my letters free. His name is Lamb, and if you add an 'e' to his name he will not open the letters. Direct as below without anything further.—Mr. Lamb, India House, London." Coleridge, too, saw that a postage saved was a postage gained, and made use of the Mr. Lamb of the India House—Charles Lamb.

Unpardonable Ignorance.

Hostess—You don't know who she is? Why, she's the celebrated Miss de Wranter. "I must have seen her in 'East Lynne'." "Guest (with some embarrassment)—No, indeed, ma'am, I was never there in my life.—C. W. T.

Heroic Remedies.

"According to this magazine," said Mrs. Biffingham, "aliced onions scattered about a room will absorb the odor of fresh paint."

"I guess that's right," rejoined Biffingham. "Likewise a broken neck will relieve a man of catarrh!"—London Answers.

Probably Guilty.

"Sir!" thundered the prosecuting attorney, "you are evading my question."

"Darn it," answered the prisoner before the bar, "if you knew the facts in the case as well as I do, you wouldn't blame me."—Birmingham Age-Herald.

Crop Was a Failure.

"I suppose you know of my family tree?" said Baron Pucash. "Yep," answered Mr. Currox. "It may have been a good tree, all right, but it looks to me as if the crop was a failure."—Washington Star.

Thought He Knew Better.

"Well, anyway, it is safe to say that when women really want the ballot they will get it."

"No, I don't think it would be—er—quite safe for you to say it in the presence of my mother."

To Correspond.

"I notice that since Clerkleigh got into dissipated habits he doesn't use the perpendicular style in his handwriting."

"No, and he doesn't use it in his walk, either."

Prompt Action.

"Nervous friend—Gayman, you ought to do something for that uncontrollable thirst of yours, and you ought to do it quick."

Gayman (putting on his hat)—I'm ready to go and join you in one right now, old chap!

Logical Conclusion.

"You look sweet enough to kiss," says the impressed young man.

"So many gentlemen tell me that," coyly answers the fair girl.

"Ah! That should make you happy."

"But they merely say that," she replies. "They merely tell me the facts in the case and never prove their statements."—Life.

Save the Baby—Use

PISO'S CURE

THE BEST MEDICINE FOR COLIC & GELS

Should be given at once when the little one coughs. It heals the delicate throat and protects the lungs from infection—guaranteed safe and very palatable.

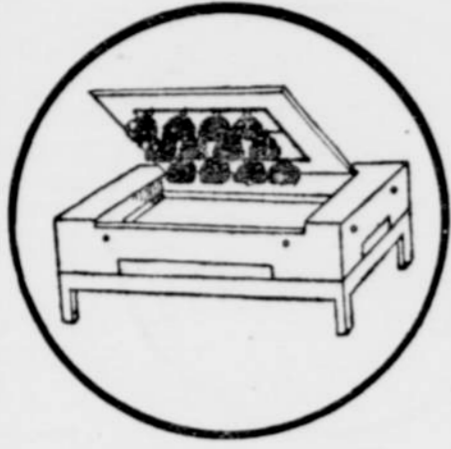
All Druggists, 25 cents.



FARMERS' CORNER

A Fireless Brooder.

If a hen can hatch a duckling, why can't a bunch of any sort of feathers hatch a chick? As a matter of fact, they can, as has been demonstrated by the fireless brooder invented by a California man. In general appearance the brooder resembles other machines of the kind, but there is no space in it for the lamp, or other heating apparatus used in the older types. Instead, a number of bunches of feathers are fastened to the under side of the



CHICKS EASY TO REACH.

lid. These feathers are just long enough to reach the floor of the box, with a little left over. The eggs are laid on the bottom, just beneath the feather tufts, and when the lid is closed each egg is inclosed in a cluster of down that makes a very good imitation hen. As each egg is hatched out the lid can be lifted for a second and the chick removed without the difficulty that would attend his removal from the old-style brooder, the interior of which is reached from one end.

Killing Quack Grass.

A Michigan farmer gives these instructions for killing quack grass: Plow five or six inches deep in the growing season, say April, May and June. Give it a good digging, then cultivate with a cultivator that has teeth close enough so they will cut the roots two or two and one-half inches under the ground. The secret is to keep it from getting to the surface. It wants holding down six weeks. It does not take expensive tools. I use an old-fashioned cultivator that was bought fifty years ago. It has seven teeth, three in front, four in rear; each tooth cuts six inches wide. It is good to drag it over after three or four days. I cultivate once a week for six weeks; it has never failed me yet. The roots will be dead as hay. It is good for Canada thistles. If one is doubtful, take a rod or more square and keep it down for six weeks and see how it works. This was done with a hoe on two acres, and 100 bushels of smutnose corn were raised to the acre, planted in drills one foot apart and hoed to kill.

Fat in Milk.

It can not be that the butter fat in milk is obtained from the fat stored in the tissues of the cow, otherwise the animal would soon become emaciated. Cows obtain the butter fat in milk from the food they eat and digest, and not from the reserve or accumulation of fat in their bodies. Reason as well as observation teaches that cows extract butter fat from the food they consume and digest, and to produce a large percentage of cream the rations of the cow should be rich in the elements of nitrogen and carbohydrates, which are found in linseed meal, middlings, bran, corn meal and ground oats. At the Cornell University cows that yielded 200 pounds of butter fat annually under ordinary feeding yielded 310 pounds when given liberal rations of feed rich in nitrogen and carbohydrates. Cream will not make butter unless it contains fat, and profitable fats will not be produced unless cows are fed on rations rich in the elements that produce cream.

Changing Bees.

The common busy bees may be gradually replaced by the Italian or Cyprian varieties, by removing the old queen and substituting a new fertilized queen of either kind preferred. If she is carefully guarded in a small cage for a few days the bees soon recognize her, and in the course of a few months the old bees will all be dead and the new ones will be of the desired kind. The queen is compelled to lay numbers of eggs daily in order to supply the great loss constantly recurring by the destruction from birds, storms and other difficulties. There should be left plenty of honey for a winter supply, and the hives should be well protected from storms. What the beekeeper should aim to do is to sow such crops as will enable the bees to lay in a large supply of honey, and he can well afford to do so if he has a number of hives.

Grades of Cream.

The Kansas Agricultural College grades cream as follows: First grade cream, 20 or more per cent of butter fat; second grade, 25 per cent and less than 30; third grade, having less than 25 per cent butter fat. Creameries like to get high-testing cream, say 30 and above. They make more butter from this, as the overrun is greater.

Benefits of Humus.

The substance left in the ground after the fertilizer has decayed is known as "humus." In order to secure the greatest results from the fertilizer and to get the largest possible quantity of humus, it is necessary that the soil be moist when the fertilizer is plowed under. Only a small amount of humus is obtained from the turned-under fertilizer should the ground be dry.

When the fertilizer is allowed to lie upon the surface for a period, exposed to the sun, much good is lost from the fact that it forms but a small amount of humus when plowed under. Therefore it is important that the soil should always be moist when fertilizer of any kind is plowed under.

In many ways humus benefits the soil. In the first place, it makes the soil lighter as well as looser. This condition allows good ventilation and gives a chance for poisonous gases to escape. The soil does not become overheated, and, in clay territory, the ground is lightened, making it more easy to work. It is equally beneficial in a sandy soil, inasmuch as it assists in binding it together, allowing more substance.

Digging Potatoes.

The time is near when farmers will be digging their potatoes, and then is the time to select the seed for another year; when a hill of nice, smooth potatoes is found, free from scab or rot, and a goodly number are just the shape and size wanted for table use, put them one side. At night gather them up and put them away for seed next spring. You will be surprised to see how you can change the type and improve them in a few years, says a Vermont contributor to the American Cultivator. We do this every year, and, while our townspeople are complaining of their potatoes running out and buying of us to renew their seed, we are planting potatoes (Green Mountains) that started from the seed that was bought for \$5 a bushel when they first came around. If farmers would take as much pains in selecting their seed potatoes as they do their seed corn, we would not hear so much complaint about potatoes running out.

Hogs and Straw Ricks.

Some farmers think that a straw rick is a good place for the sow and her brood to sleep. This is a mistake. It is best to keep them away from the straw pile winter and summer. In the winter the pigs will burrow beneath the straw, get too warm and take cold when they come out into the freezing atmosphere. Coughing and wheezing is the result, and the pigs do no good or die. Besides, if burrowed beneath the straw they are liable to be stepped on and seriously injured or killed by the stock running to the rick.

During the summer months especially should the sow and her young be fenced from the straw pile. If they burrow down into the half rotted straw they will be very apt to contract some disease.

Rye as Horse Feed.

Rye is a good grain to feed horses. It is equal to oats and wheat, but it must be ground middling fine and mixed with cut straw or cut hay. The straw or hay should be cut into half-inch lengths, moistened with water and the rye meal well mixed with it. It is very sticky and horses cannot get the meal without eating the straw or hay with it. In feeding corn to horses we always grind half rye with the corn to make the corn meal stick to the cut straw. Corn and rye ground together in equal proportions and mixed with bright cut straw moistened with water make a well-balanced ration, equally as good, as eagerly sought after by horses and a cheaper horse feed than oats and hay.

Poultry Notes.

Others have built up an egg laying strain. Why not do so yourself? Lazy hens cause much of the high prices for eggs. Make 'em get busy and hustle.

The warmer the weather the more water required, as more is thrown off by the body.

Many a hen that is otherwise well fed may fail to lay on account of lack of water.

Successful poultrymen, in order to keep their poultry on a paying basis, are continually culling their flocks.

One of the great values of green food, it is said, lies in its ability to aid in the digestion of other things.—Farm and Ranch.

Feeding Stalks to Hogs.

When the green stalks are given to hogs care should be taken to prevent cattle from having access to the woody fiber which the swine will leave after chewing the stalks. Pigs relish chewing the stalk for the sweetness in it, but leave enough saccharine matter in the fiber to make it attractive to cattle, especially the younger stock. This fiber is indigestible, and the cattle, if allowed to pick it up, will frequently eat a sufficient quantity to cause impaction and harmful if not fatal results. It is not safe to let the cattle into yards where swine are given green corn stalks.—Coburn's "Swine in America."

Movable Schools.

The United States Department of Agriculture recommends the establishment of movable schools of agriculture by the state experiment stations. Where fifteen farmers can be secured as students the school may be conducted for a year or longer. The kind of instruction will depend upon the needs of the section.



FLASHES OF FUN

"I've never known a woman yet who wished she was 40." "I have—she was 50."—Boston Transcript.

Stella—Did he say he loved you in so many words? Bella—Yes, seventeen pages.—New York Sun.

"Is she making him a good wife?" "Well, not exactly; but she's making him a good husband."—London Answers.

Bluff—I look upon you, sir, as a rascal. Bliff—I am privileged to look upon me in any character you desire to assume.—Vogue.

He—You don't know how nervous I was when I proposed to you. She—And you don't know how nervous I was until you did so.

Mrs. Church—You say she was a war correspondent once? Mrs. Gotham—Yes, she was secretary of a woman's club.—Yonkers Statesman.

"Who gave the bride away?" "Her little brother. He stood up right in the middle of the ceremony and yelled, 'Hurrah, Fanny, you've got him at last!'"—Tit Bits.

"But you spent enough money on me before we were married," protested his wife. "True, my dear," replied her husband. "I had it to spend then."—Chicago Daily News.

Mrs. Sauer—I don't consider marriage a lottery. Do you? Mr. Sauer—No! If a man draws a blank in a lottery he can tear it up and take another chance.—Puck.

Visitor—Can you read the past? Fortune Teller—Certainly; that's my business. "Then I wish you'd tell me what it was my wife told me to get for her."—Boston Globe.

"What is your idea of happiness?" "To be able to spend my own money just as if I were going to turn in an expense account when I got home."—Chicago Record-Herald.

She offered an explanation of her tearful mood. "I've been to a wedding," she said. "I always cry more at a wedding than I do at a funeral. It's so much more uncertain."

Patience—She says she married him to reform him. Beatrice—And he says he was a fool when he married her. "Well, she says she hasn't reformed him a bit."—Yonkers Statesman.

He—I wonder if we can get along all right. She—Certainly. We can buy the auto with the money father left me and you will surely make enough to pay for running it, don't you think?

Leading Tragic Man—Did you see how I paralyzed the audience in the death scene? They were crying all over the house! Stage Manager—Yes, they knew you weren't really dead.—Tit Bits.

A—I used a word in speaking to my wife which offended her sorely a week ago. She has not spoken a syllable to me since. B—Would you mind telling me what it was?—Fleigende Blaetter.

"Is there any difference in the meaning of the words 'nautical' and 'marine'?" asked Mr. Malaprop. "Not much," replied Mrs. Malaprop. "One is a cinnamon of the other."—Chicago Record-Herald.

"Am I the first girl you ever loved?" "Your question pains me." "Forgive me." "Yes; I had flattered myself that there was nothing amateurish about my love-making."—Louisville Courier-Journal.

Mrs. Peachblow—Why does your husband carry such a tremendous amount of life insurance when he's in such perfect health? Mrs. Flicker—Oh, just to tantalize me. Men are naturally cruel.—Life.

"Jack sent me a handsome mirror for my birthday." "Oh, that accounts for it." "Accounts for what?" "Yesterday he asked me if a woman ever got too old to be pleased with a looking glass."—Boston Transcript.

"No, Mr. Sparks, I can never marry you. You have no consideration for the feelings of my mother." "Why, what makes you think that?" "You hung your hat over the keyhole before you started to propose to me."—Cleveland Leader.

Undertaker—You will, of course, ride in the first coach with your mother-in-law? Widower—Is that absolutely necessary? Undertaker—Oh, yes, certainly; it is the correct thing. Widower—Then all I can say is that my whole day's enjoyment is spoilt!

English Clergyman—And when you arrive in London, my dear lady, don't fail to see St. Paul's and Westminster Abbey. Fair American—You bet; I'll rattle those off sure; but what I've been hankering to see, ever since I was knee-high to a grasshopper, is the Church of England!—Punch.

She—Oh, Jack, do excuse me for getting here so late. You poor fellow, you've had to wait an hour for me. He—Oh, no, it's all right. I've only just come. She (sharply)—What! So that's the way you treat me, is it? If I'd come at the time agreed you'd have made me wait a whole hour. (Pouts).—Boston Transcript.

"I hope you don't mind my asking," said a woman, diffidently, "but should I call you professor or doctor?" "Oh, call me anything you like," was the great man's rejoinder. "Some people call me an old idiot." "Really?" the lady murmured with sweet innocence. "But, then, they would be people who knew you intimately."—London Spare Moments.

Wellesley Oak 500 Years Old.

A wide-spreading oak which experts have declared must have been growing at the time of the discovery of America by Columbus, is a landmark on the estate of the late Arthur Hunnewell in Wellesley, Mass.

The magnificent tree measures 26 feet in circumference at the base. It is a noticeable landmark on account of its unusual size. It intersects the fence which separates the fertile fields of the Hunnewell estate from the highway, and thus arrests the attention of the passerby.

The late Mr. Hunnewell took great pride in the ancient tree. It has withstood the ravages of pests for a great many years and is apparently in condition to live for a great many more decades. The late Mr. Hunnewell once had the tree examined by an expert from the Smithsonian Institute, who declared that it was between 400 and 500 years old.

Eliot, the apostle to the Indians, frequently passed the towering oak while going to and from South Natick, where he preached to the Indians, the tree being beside what was the old trail.

Rheumatism, Neuralgia and Sore Throat will not live under the same roof with Hamlin's Wizard Oil, the best of all remedies for the relief of all pain.

Tired of the Game.

"Billingsley tells me he has moved his gasoline tank into his garage."

"But that's awfully dangerous, isn't it? The garage may catch fire at any moment."

"That's what Billingsley hopes."—Cleveland Plain Dealer.

Only a Void.

Bertie—Here's another great chess playah whose brain has gone wrong. I am glad I never took up the deuced game.

Jane—But in your case, Bertie, I'm quite sure there would be nothing to go wrong.—Cleveland Plain Dealer.

DYSPEPSIA

"Having taken your wonderful 'Cascarets' for three months and being entirely cured of stomach catarrh and dyspepsia, I think a word of praise is due to 'Cascarets' for their wonderful composition. I have taken numerous other so-called remedies but without avail, and I find that Cascarets relieve more in a day than all the others I have taken would in a year." James McGune, 108 Mercer St., Jersey City, N. J.

Pleasant, Palatable, Potent, Taste Good, Do Good, Never Sicken, Weaken or Gripes. 10c. 25c. 50c. Never sold in bulk. The genuine tablet stamped C. C. Guaranteed to cure or your money back. 919



CRESCENT

CRESCENT MFG. CO. MAKERS OF MAPLEINE (better than Maple).

Painless Dentistry

Out of town people can have their teeth and bridge-work fixed in one day, if necessary. We will give you a 22k gold or porcelain crown for \$3.50. Molar Crowns 5.00. 22k Bridge-Teeth 3.50. Gold Fillings 1.00. Enamel Fillings .50. Silver Fillings .50. Inlay Fillings 2.50. Good Rubber Plates 5.00. Best Red Rubber Pick 7.50. Silver Pick 5.00.

DR. W. A. WISE, President and Manager. 15 YEARS' EXPERIENCE AS DENTIST. WORK GUARANTEED FOR 15 YEARS. Painless Extraction Free when plates or bridge work is ordered. Consultation Free. You cannot get better painless work done anywhere. All work fully guaranteed. Modern electric equipment. Best methods.

Wise Dental Co.

FAILING BUILDING INCORPORATED. THIRD FLOOR, 215 PORTLAND, OREGON. OFFICE HOURS: 9 A. M. to 5 P. M. Sundays, 9 to 12.



SPORN'S DISTEMPER CURE

For DISTEMPER Pink Eye, Epizootic, Shipping Fever and Catarrhal Fever. Sure cure and positive preventive, no matter how horses at any age are infected or exposed. Liquid, given on the nose; acts on the Blood and Glands, expels the poisonous germs from the body. Cures Distemper in Dogs and Sheep and Cholera in Poultry. Largest selling live stock remedy. Cures La Grippe among human beings and is a fine Kidney remedy. 50c and \$1 a bottle. \$5 and \$10 a dozen. Cut this out. Keep it. Show to your druggist, who will get it for you. Free booklet, "Distemper, Causes and Cures." Special agents wanted. SPORN MEDICAL CO., Chemists and GOSHEN, IND., U. S. A. Bacteriologists.



Leading Lady Shoes

There are no other shoes at popular prices that in any way compare with these classy, fashionable, good-fitting shoes. They are made on lasts that insure the utmost comfort, yet give your feet that trim and stylish look.

shoes combine style and wearing qualities to a degree that easily makes them the most popular, dressy and serviceable ladies' fine shoes obtainable, at a cost no greater than ordinary shoes. Your dealer will supply you; if not, write to us.

To be sure you get the LEADING LADY, look for the Mayer Trade Mark on the soles.

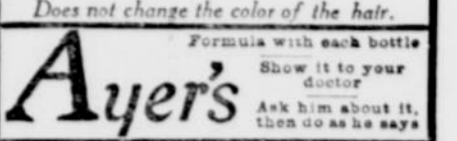
FREE—If you will send us the name of a dealer who does not handle Leading Lady Shoes, we will send you free, post-paid, a beautiful picture of Martha Washington, size 15 x 20.

We also make Honorbilt Shoes for men, Martha Washington Comfort Shoes, Verma Cushion Shoes, Special Merit School Shoes and Work Shoes.

F. Mayer Boot & Shoe Co. Milwaukee, Wis.

Cure Your Dandruff

Why? Because it is annoying, untidy. And mostly, because it almost invariably leads to baldness. Cure it, and save your hair. Get more, too, at the same time. All easily done with Ayer's Hair Vigor, new improved formula. Stop this formation of dandruff!



The new Ayer's Hair Vigor will certainly do this work, because, first of all, it destroys the germs which are the original cause of dandruff. Having given this aid, nature completes the cure. The scalp is restored to a perfectly healthy condition.

All Abyssinian male children over 12 must go to school. The State provides the education and is building many schools.

HOWARD E. BURTON—Assessor and Chemist. Leadville, Colorado. Specimen prices: Gold, Silver, Lead, etc. Gold, Silver, Tin, Zinc, Copper, etc. Mailing envelopes and full price list sent on application. Control and Empire work solicited. Reference: Carbonate National Bank.

FOR OUT DOOR WORK IN THE WETTEST WEATHER NOTHING EQUALS TOWER'S FISH BRAND WATERPROOF OILED GARMENTS THEY LOOK WELL—WEAR WELL AND WILL NOT LEAK LONG COATS \$3.99 \$3.49 SUITS \$3.22

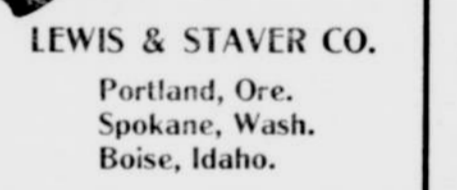
SOLE AGENTS: A. J. TOWER CO., BOSTON, U.S.A. TOWER CANADIAN CO., LIMITED—TORONTO, CAN.



A LEADER WATER SYSTEM IN YOUR HOME

Means an unflinching water supply. It means that you will have the most practical domestic water supply system now in use. No elevated tank, no frozen pipes in winter, no stagnant water in summer, no water supply troubles of any sort. Tank placed in basement, out of sight and way, made of pressed steel, will not rust and will last a lifetime.

You will be pleased with the LEADER system of furnishing Domestic Water Supply. Ask for our catalogue and free booklet, "How I Solved My Water Supply Problem."



LEWIS & STAYER CO. Portland, Ore. Spokane, Wash. Boise, Idaho.

P. N. U. No. 45-09. WHEN writing to advertisers please mention this paper.