

Your Blood

Needs purifying and your whole system renovating in the spring, as pimples, boils, eruptions, loss of appetite and that tired feeling annually prove.

Hood's Sarsaparilla is the most effective medicine ever devised for the complete purification of the blood and the complete renovation of the whole system.

It will make you feel better, look better, eat and sleep better and give you the best possible preparation for the hot days of summer, as over 40,000 people have testified in the last two years. Today buy and begin to take

Hood's Sarsaparilla

Usual form, liquid, or in tablet form, called Sarsatabs, 100 Doses \$1.

Buttermilk Yeast.
For the best yeast ever made, the yeast you churn take one pint of fresh buttermilk and put in a stewpan to boil. When it boils stir in enough yeast to make it like thick cream. Let it boil up well, then remove the fire and let cool. When milk warm put into this one cup of good yeast in a warm place to rise. In two hours it should be nice and light. Then mix with corn meal and make into bread. Do not put one bit of salt, sugar, four or hops in this yeast; not butter, milk, meal and the yeast to put in to raise it. Make bread the same as with hop yeast. In making new yeast use a cup of this yeast to start with.—Tuesh Smith.

Preserved Bartlett Pears.
The quantities given will fill four quart jars. Select fifteen good-sized ripe Bartlett pears; peel and cut them in halves; remove core and drop fruit into a bowl of cold water to which the juice of a lemon has been added. Place a preserving kettle with two pounds of sugar and one pint of water over the fire; stir to partly melt the sugar, boil a few minutes, removing all the black scum, put in the pears, cover and cook until a straw will penetrate them easily. Then fill them with the syrup into the jars; let the syrup overflow, at once, turn upside down until cold, then set aside.

New York, with 4,000,000 population, had been adding to its total in the three years preceding 1905 at the rate of 100,000 a year. Philadelphia, with a little more than 1,500,000 population, had increased at the rate of 80,000 a year.

Needless Sacrifice.
Mr. Filippin—Maria, here's that \$25 I say you need for a new hat. By the way, Maria, do I ever talk to my sleep?
Mr. Filippin—Thanks. No, John, you never do.—Chicago Tribune.

Maybe So.
Squigg—Why do they call these suburban cars "limited"?
Squigg—Because such a small number of people who travel on them get to their destination alive.—Toledo Blade.

Syrup of Figs and Elixir of Senna

acts gently yet promptly on the bowels, cleanses the system effectually, assists one in overcoming habitual constipation permanently. To get its beneficial effects buy the genuine.

Manufactured by the CALIFORNIA FIG SYRUP CO.

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TO ALL
ILLUSTRATED
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1908

Ferry's Seeds are the best known and the most reliable seeds grown. Every package has behind it the reputation of a house whose business standards are the highest in the trade.

Ferry's 1908 Seed Annual will be mailed FREE to all applicants. It contains colored plates, many illustrations, and full descriptions, prices and directions for planting over 100 varieties of vegetable seeds. Price 25c. For sale to all. Send for it.

D. M. FERRY & CO., Detroit, Mich.

"OUCH" OH, MY BACK
IT IS WONDERFUL HOW QUICKLY THE PAIN AND STIFFNESS GO WHEN YOU USE

ST. JACOBS OIL

THIS WELL-TRIED, OLD-TIME REMEDY FILLS THE BILL.
25c.—ALL DRUGGISTS.—50c.

CONQUERS PAIN



THE LIME-SULPHUR SPRAY.

Good Preventive for Apple Scab and Less Harmful Than Some.

A. B. Cordley, Entomologist, Oregon Experiment Station, Corvallis.

The serious results in the form of "Bordeaux Injury" which often follow applications of Bordeaux mixture render it almost imperative that some means be found of reducing this injury, or that some spray be discovered which may be used as a substitute for Bordeaux.

For the past two or three years I have observed, after winter spraying apple and pear trees with lime-sulphur solution, for San Jose scale, that the fruit upon the sprayed trees was less "scabby" than that upon unsprayed trees. Upon two different occasions this winter application was delayed until the blossoms were about to open and while the spray, which was applied at the full strength, did considerable injury at the time, its decidedly beneficial effects were noticeable when the fruit was gathered. However the generally good results which follow winter applications of lime-sulphur are now well known and this part of the work requires no further comment.

Nevertheless, these observations suggested to me the probability that lime-sulphur solution might be used as a substitute for Bordeaux mixture for summer applications and during the past year I have so used it upon various plants for various purposes.

It is not proposed at this time to go at all into detail regarding these experiments—I wish only to call attention to some of the results obtained which show conclusively that lime-sulphur solutions may be used as a summer spray without injury to foliage and also point strongly to the probability that by its use apple scab may be effectually controlled without danger of spray injury to the fruit.

Sufficient work has not been done to justify the statement that lime-sulphur is equal to Bordeaux as a preventive of this disease but the results of the single season's work point so strongly to this conclusion that I feel justified in calling attention to them, that growers who have suffered loss from Bordeaux injury, and others who are interested, may make comparative tests of the two sprays the coming season.

In carrying out the work the past season it became necessary first of all to determine how strong a solution could be used without injury to the foliage. This, again, made it necessary to adopt some method of "standardizing" the spray. After considerable work we adopted what may be termed the "stock solution" method of preparing the spray and adopted as a standard for the work a "stock solution" having a specific gravity of 1.27. (For determining the specific gravity of the solution while at work in the field we have found the specific gravity hydrometer a very convenient instrument. It is cheap, simple and convenient, and we would recommend every grower who expects to use lime-sulphur as a summer spray to obtain one.)

This solution, similar to the Rex, Niagara and Phoenix lime-sulphur sprays upon the market, any of which would undoubtedly do as well, is of a clear, dark amber color, is without sediment, and as stated above had a specific gravity of 1.27. Analysis showed that each gallon contained in solution 2.38 pounds of sulphur.

During the season of 1907 these "stock solutions" of lime-sulphur were used variously diluted upon the apple, pear, peach, plum, prune, quince, cherry, grape, potatoes and celery.

The results obtained indicated that lime-sulphur sprays produced by diluting 1 gallon of the stock solution with 15 gallons of water may be safely used upon all of the above-named plants, with the exception of the peach, unless it may be early in the spring, when very slight injury was produced. For use upon the peach each gallon of solution should be diluted with at least 20 gallons of water.

For the experiments with apple scab a block of 400 Yellow Newtown trees were selected, because this variety is particularly susceptible to this disease and because this block was known to be badly infested.

The entire orchard was sprayed with lime-sulphur for San Jose scale late in February. The orchard was then divided into two plots. One plot was sprayed with Bordeaux mixture on April 20, May 8 and May 17. The other plot was sprayed on the same dates with lime-sulphur solution diluted 1-15. Unsprayed trees were left as checks in each plot.

At picking time the fruit was carefully gathered, examined and separated into three grades to show per cent of fruit absolutely free from scab, slightly scabby and badly scabbed. It was then regraded to show per cent of fruit injured by spray.

The summing of results is shown graphically in the following table. Column marked A shows per cent of fruit free from scab; B, that showing only small scab spots; C, that badly scabbed and unmarketable; D shows spray injury.

	A	B	C	D
Unsprayed	19.9	28.7	51.3	
Bordeaux	49.1	35.4	15.5	31.9
Lime-sulphur	79.3	15.3	5.3	0

It must be remembered in interpreting these results that they represent only one season's work on one variety.

Slice two cupfuls peaches. Butter a baking dish and lay in it a layer of the peaches, sprinkling with cinnamon and sugar and dotting with bits of butter. Place over this a layer of bread or cake crumbs. Then alternate peaches and crumbs until the dish is three-quarters full, having crumbs on top. Add no water, but cover closely and steam three-quarters of an hour in a moderate oven. Then remove the cover and brown. Serve with cream or a sweet sauce.

Impossible.

"Do you find it difficult to dictate to your stenographer?"
"No, I find it impossible."
"Why, has she left you?"
"No, she has married me."—Houston Post.

His Great Opportunity.
"If Burbank wants to be a philanthropist as well as a wizard," said Rivers, making a wry face over his medicine, "why in thunder doesn't he evolve a cinchona tree that will produce a bark from which a tasteless quinine can be made!"

Their Real Handicap.
"Isn't it wonderful to note the progress the Japanese have made in acquiring our western civilization?"
"Yes—until you hear what a wretched botch they make of it when they try to swear."

Modesty.
Whispering Customer (producing watch)—I came here because I have been told that you are an honest pawnbroker.
Avaricious Patriarch (with a deprecatory smile)—My friend, somebody has been trying to have fun with you.

A Substitute.
Customer—Will you give me a copy of "The Art of Being Happy at Home?"
Librarian—I'm afraid it's out, but I have here a little treatise on Jiu Jitsu, which makes an excellent substitute for it.—Fele Mele.

Emphatically.
"Does your husband hold any civic office, madam?" asked the canvasser.
"I should say he did!" answered the young matron. "He's the majestic grand high killemaak of the Ancient and Illustrious Order of Spisierickumbangs!"

Sure to Have Them.
Milkfins—It is said that aggressive, impulsive people usually have black eyes.
Bifkins—That's right. If they haven't got them at first they get them later.

Deafness Cannot Be Cured
by local applications, as they cannot reach the diseased portion of the ear. There is only one way to cure deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian Tube. When this tube is inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed, deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever; nine cases out of ten are caused by Catarrh, which is nothing but an inflamed condition of the mucous surfaces.

We will give One Hundred Dollars for any case of deafness (caused by catarrh) that cannot be cured by Hall's Catarrh Cure. Send for literature, free.

F. J. CHENEY & CO., Toledo, O.
Sold by Druggists. See
Take Hall's Family Pills for constipation.

Singular Effect.
First Coed—What makes Prof. Crankleigh use that curious dialect?
Second Coed—That isn't a dialect. It's his way of trying to convey the idea that he uses the simplified spelling.

Has Hopes.
Skittleton—You won't mind this stock yard smell when you get used to it.
Beare—Oh, well, then I'll live in hope. You see, I've been breathing it only about nine or ten years.—Chicago Tribune.

They have made bread from peanut meal for many years in Spain. The bread is light and porous, but rather unpalatable, and it is eaten only by the lower classes.

A Legislative Paradox.
"The representative part of the British Parliament is a practical paradox."
"Why?"
"Because it is a house of commons and yet peerless among legislatures."—Baltimore American.

There are, altogether, foreign and native, 23,790 persons that are actively engaged in bringing the gospel to India, while ten years ago there were only 16,189—a gain of nearly 60 per cent.

Local Color.
"George, I shall need some money today."
"What for?"
"There's a white sale at one of the stores and I want to attend it."
"A white sale? All right, Laura. A few silver dollars will do for that, won't they?"

Spread of Knowledge.
Teacher (at night school)—What is a sacred cow, and why is it so called?
Shaggy Haired Pupil—"Sacred cow" is a corruption of "sick red cow," its sickness being caused by a large bump on its shoulders.—Chicago Tribune.

The jaws of a wasp are so powerful that the insect can cut its way through shells.

The Taking Cold Habit

The old cold goes; a new one quickly comes. It's the story of a weak throat, weak lungs, a tendency to consumption. Ayer's Cherry Pectoral breaks up the taking-cold habit. It strengthens, soothes, heals. Ask your doctor about it.

"I had a terrible cold, and nothing relieved me. I tried Ayer's Cherry Pectoral and it promptly broke up my cold, stopped my cough, and cleared every part of my body. It did wonderful work for me."—Mr. J. F. LUTZ, Toledo, Ohio.

Made by J. C. Ayer & Co., Lowell, Mass. Also manufacturers of

Ayer's

SARSAPARILLA, PILLS, HAIR VIGOR.

Keep the bowels regular with Ayer's Pills, just one pill each night.

PUTNAM FADELESS DYES

Color more goods brighter and faster colors than any other dye. One 10c package colors silk, wool and cotton equally well and is guaranteed to give perfect results. Ask dealer, or we will send post paid at 10c a package. Write for free booklet. MONROE DRUG COMPANY, Quincy, Illinois.

SKIN DISEASES

HUMORS IN THE BLOOD

When the blood is pure, fresh and healthy, the skin will be soft, smooth and free from blemishes, but when some acid humor takes root in the circulation its presence is manifested by a skin eruption or disease. These humors get into the blood, generally because of an inactive or sluggish condition of the members of the body whose duty it is to collect and carry off the waste and refuse matter of the system. This unhealthy matter is left to sour and ferment and soon the circulation becomes charged with the acid poison. The blood begins to throw off the humors and acids through the pores and glands of the skin, producing Eczema, Acne, Tetter, Psoriasis, Salt Rheum and skin eruptions of various kinds. Eczema appears, usually with a slight redness of the skin followed by pustules from which there flows a sticky fluid that dries and forms a crust, and the itching is intense. It is generally on the back, breast, face, arms and legs, though other parts of the body may be affected. In Tetter the skin dries, cracks and bleeds; the acid in the blood dries up the natural oils of the skin, which are intended to keep it soft and pliant, causing a dry, feverish condition and giving it a hard, leathery appearance. Acne makes its appearance on the face in the form of pimples and black heads, while Psoriasis comes in scaly patches on different parts of the body. One of the worst forms of skin trouble is Salt Rheum; its favorite point of attack is the scalp, sometimes causing baldness. Poison Oak and Ivy are also disagreeable types of skin disease. The humor producing the trouble lies dormant in the blood through the Winter to break out and torment the sufferer with the return of Spring. The best treatment for all skin diseases is S. S. S. It neutralizes the acids and removes the humors so that the skin instead of being irritated and diseased, is nourished by a supply of fresh, healthy blood. External applications of salves, washes, lotions, etc., while they soothe the itching caused by skin affections, can never cure the trouble because they do not reach the blood. S. S. S. goes down into the circulation and forces out every particle of foreign matter and restores the blood to its normal, pure condition, thereby permanently curing every form of skin affection. Book on Skin Diseases and any medical advice desired sent free to all who write. S. S. S. is for sale at all first class drug stores.

S.S.S.

PURELY VEGETABLE

THE SWIFT SPECIFIC CO., ATLANTA, GA.

Enigmatical.
"That forward Miss Flip openly advocates kissing games. Hasn't she nerve?"
"Well, encouraging osculation is a thing which does require cheek."—Baltimore American.

The Brute!
"Papa, what's the use of saying 'good by' when you're talking over the telephone?"
"No use, I suppose, Tommy, except that it means that the conversation has closed. I never use it except when I am talking to your mother."

Unpardonable.
Mrs. Droppyn—It's a wonder your kitchen girl doesn't insist on using the piano.
Mrs. Staybum—Let the impudent thing do it if she dares! I've found out that she can play it better than my girls can!

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

A Good Fisherman.
A small boy who lives near a lake was fishing and his mother had to call him five times to make him hear, says the Philadelphia Telegraph. Finally, she landed on him, and, shaking him in a terrible manner, wanted to know why he did not answer. This was the reply: "I didn't hear you for the first three times, and the last time I had a bite."

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"Bromo Quinine"
That is
Laxative Bromo Quinine
USED THE WORLD OVER TO CURE A COLIC IN ONE DAY.

Always remember the full name. Look for this signature on every box. 25c.

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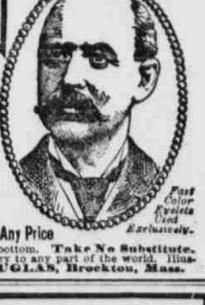
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W. L. Douglas makes and sells more men's \$2.50, \$3.00 and \$3.50 shoes than any other manufacturer in the world, because they hold their shape, fit better, wear longer, and are of greater value than any other shoes in the world to-day.

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"AND IT DIDN'T HURT A BIT"

Painless Extraction, 50 cents. Extraction Free when plates or bridges are ordered. Plates \$1 and up.

Best Plate Work—Perhaps your teeth have become so loose that it is impossible to firmly set a bridge. Then the old stumps are removed without causing you the slightest pain, and a plate is fitted. If the plate fits perfectly it will look well and perform its work of masticating your food satisfactorily. With my 20 years' experience in this work I guarantee satisfaction in every case.

Crown and Bridge Work—It's a shame to spoil your personal appearance and ruin your digestion from the lack of teeth to properly masticate your food, when a bridge can be supplied that will cause no discomfort whatsoever.

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