

The Wonderful Kava-Kava Shrub.

A New Botanical Discovery—Of Special Interest to Sufferers from Diseases of the Kidneys or Bladder. Rheumatism, etc.—A Blessing to Humanity.

A Free Gift of Great Value to You.

Our readers will be glad to know that the new botanical discovery, Alkavis, from the wonderful Kava-Kava shrub has proved an assured cure for all diseases caused by Uric acid in the blood, or by disordered action of the Kidneys or Urinary organs.

The Kava-Kava Shrub, or as botanists call it, Piper Methysticum, grows on the banks of the Ganges river, East India, (Piper Methysticum.) and probably was used for centuries by the natives before its extraordinary properties became known to civilization through Christian missionaries.

In this respect it resembles the discovery of quinine from the peruvian bark, made known by the Indians to the early Jesuit missionaries in South America, and by them brought to civilized man.

It is a wonderful discovery, with a record of 1200 hospital cures in 10 days. It acts directly upon the blood and kidneys, and is a true specific, just as quinine is in malaria. We have the strongest testimony of many ministers of the gospel, well-known doctors and business men cured by Alkavis, when all other remedies had failed.

In the New York Weekly World of Sept. 10th, the testimony of Rev. W. B. Moore, D. D., of Washington, D. C., was given, describing his years of suffering from Kidney disease and Rheumatism, and his rapid cure by Alkavis.

HEAT PHOTOGRAPHS.

Substances Sensitive to Weak Radiation from a Heated Body.

The invisible radiations from a heated body possess the power of effecting certain chemical decompositions much after the manner of lights, as, for instance, in photography, says the St. Louis Globe-Democrat.

THE COLD IS CRUEL.

Dwellers in Northeast Siberia Experience Untold Sufferings.

The St. Petersburg Geographical society has published the results of an exploration among the Yakuti, a people dwelling in a region of Northeast Siberia, covering an area of over 2,000,000 square miles, yet numbering no more than 200,000 souls.

SWANTE PALMA, the Swedish vice consul at Austin, Tex., has presented to the University of Texas 25,000 books, valued at \$100,000.

THE FARMING WORLD.

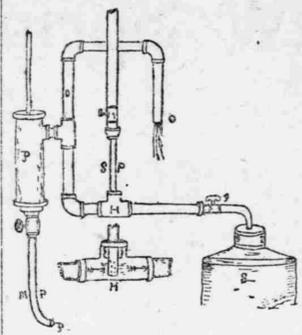
NEW HEATING DEVICE.

Successfully Introduced in a Number of Ohio Creameries.

The accompanying illustration is something new as a heating device in creamery work. Its use is to displace the tempering vat so commonly in use in most creameries, and which takes much valuable time to clean, aside from the often continued roaring noise made from steam entering the water inside.

Some objections have been raised to using live steam in milk for heating it preparatory for the separator, especially in extreme cold weather, claiming that the excessive expansion causes the butter globules to become so suddenly heated as to produce a foreign taste in the churned butter.

Sometimes the water used in boiler may not be good and harm may come from that source, but the same steam



FINE MILK HEATER. S. Separator; P. Pump; O. Overflow; S. P. Steam Pipe; F. Faucets; H. Heater; M. P. Milk Pipe.

used about the creamery for cleansing purposes would do harm also; hence it is important that nothing but pure water be used about either boiler or the building. In case the weather is cold, and to avoid putting too much steam direct into the milk, it is important then to heat the water under the receiver vats to at least half the necessary temperature for separating.

I know quite a number of creameries that have put this simple device in during the past summer, and find that it not only lessens labor, but that by its use a better and more even temperature can be obtained than by the use of the tempering vat, and the cleaning of it does not require one-fifth of the time that the usual vats require.

The illustration is simple and almost explains itself. M P represents the milk pipe or hose extending from the milk vat to P, pump, which raises the milk into the pipe joined onto the pump. The milk naturally flows down to the point H, where a half-inch pipe, S P, is inserted into a T large enough to take an inch galvanized iron pipe, the end being plugged up tight and a number of small holes drilled in on side for the escape of steam in small jets.

The pipes O O are to allow overflow when the stopcock at F is partially closed up, with the point O over milk vat. The valve at base of pump also regulates the flow of milk into separator (S). In case the flow vat is at an elevation above separator, it is only necessary to extend the pipe from point H directly into vat, and the only thing necessary would be a globe valve next to vat, with the steam jet and (F) faucet.

Not long since while at Sandusky institute, and discussing the creamery subject, I mentioned this labor-saving device, and a young man from Huron, O., made special inquiry about it. In less than a week he had one in their creamery, and writes that it is simply "out of sight" in every respect, and wishes to thank me for putting him onto the idea.

NATIONAL HIGHWAYS.

Unique Plan Advocated by a Prohibition Paper.

A writer in the Prohibitionist has a new highway scheme, namely, to nationalize all the public roads of the United States. Let the people initiate the project by requesting the United States congress to enact a law authorizing the interior department to cooperate with the respective states in establishing and constructing a boundary line road or boulevard of liberal width, limited grade, in straight courses, and, as may be possible, following the existing boundary line of the respective states.

Uncle John Patterson says that dairying goes well with fruit growing. "We want cream with our berries." The great advantage in dairying is that it builds up the farm. There is manure for building up the poor spots and the land can be improved every year.

THE FARM GARDEN.

How to Keep the Ground Occupied from Spring to Fall.

The garden is the most productive acre of the farm. If it is not, it should be made so. It is the most indispensable part of farm life. Half of our living should come from our garden in summer. Not one-half the country people make an effort to have a garden.

There are some that start out well in the spring, sow an abundance of seed and never look at the garden again until they think it is time they should have results. They take a look and cannot find any for the weeds have covered the little plants. Then they come to the conclusion that the seed did not grow.

They say all sorts of things about the seedmen, and mow off the weeds and wait until another spring, when they go through the same process. Now this is all wrong. To keep the garden clean we should begin early and continue the cultivation until fall. It is impossible to destroy all the weeds while we are cultivating the early vegetables.

There is more Catarrh in this section of the country than all other diseases put together, and until the last few years was supposed to be incurable. For a great many years doctors pronounced it a local disease, and prescribed local remedies, and by constantly failing to cure with local treatment, pronounced it incurable. Science has proven Catarrh to be a constitutional disease, and therefore requires constitutional treatment.

CULTURE OF MELONS.

Their Successful Growth Requires Lots of Plant Food.

Watermelons are excessive feeders, and many fail in attempting to grow them because they do not furnish sufficient plant food to supply the necessary strength for vigorous vine and fine fruit. Not infrequently watermelon vines turn yellow and die when they should be just in their prime, simply from plant starvation.

I prepare the ground as for corn. Lay off in rows 12 feet apart each way. I dig a hole about 1 1/2 feet deep and perhaps three feet in diameter. In the bottom of this I put a peck or more of good stable manure, tramping it lightly. Next put in a layer of soil, and follow with a layer made up of equal parts of soil and fine rich manure thoroughly mixed, and lastly, where the seeds are to be placed, another layer of pure soil. Sow seeds thickly and cover about one inch. When the second or third leaf shows, thin out two or three plants in the hill. If exceptionally large melons, regular "prize takers," are desired, thin to but one plant in the hill.

WATERING THAT PAYS.

Simple System of Sub-Irrigation for Flower Beds.

The experiments that have been tried in introducing water freely below beds of growing plants have proved conclusively the value of this kind of watering. The cross section given herewith shows how one may readily try this



WATERING PLANT BEDS.

experiment for himself this spring. Select the spot where a small bed is to be devoted to foliage or other plants, and sink an empty keg in the center just below the position of the coming roots. Fit an old piece of tin pipe, as suggested in the sketch, and your "irrigating plant" is ready for business! Not only can water be thus freely applied, but liquid manure also. The keg, it should be said, should not be one that will "hold water."—Orange Judd Farmer.

A Profitable Garden Crop.

Spinach is an important crop in our market gardens and one of the most easily managed of vegetables, requiring but little culture, and may be had fit for use the entire season. The main crop is sown in August or September for spring use, and, although extremely hard, requires to be protected by a light covering of hay or straw during the winter. For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed and most tender and succulent when grown in a rich soil.

Put the young horse in with a reliable fast walker.

Opium and Whisky Habits.

The letter quoted below, written March 23, 1896, by the editor and manager of the Sheffield, Ala., Standard, leaves no room to doubt that a successful treatment for the cure of the liquor habit exists:

"Dr. B. M. Woolley, Atlanta, Ga.: Your article for the liquor habit will do all you claim for it. After drinking whisky for more than twenty years I find myself entirely relieved of the accursed appetite through the use of three bottles of your medicine. It is absolutely a specific for the liquor habit, and leaves no bad effects."

Shimston, W. Va.,—Dr. B. M. Woolley, Atlanta, Ga.: I have been cured, or quit taking the antidote nineteen months, and never had any call for opium after taking the first dose of your Antidote. You wanted to know if you might use my letter. Yes, and my name, also. Any one may write to me if they wish to know of my cure or ask any questions as to the efficacy of the Antidote, and if they enclose stamp I will answer.

A wise man can learn something worth knowing from a fool, but a fool is made all the more a fool by going to college.—Ram's Horn.

There is more Catarrh in this section of the country than all other diseases put together, and until the last few years was supposed to be incurable. For a great many years doctors pronounced it a local disease, and prescribed local remedies, and by constantly failing to cure with local treatment, pronounced it incurable. Science has proven Catarrh to be a constitutional disease, and therefore requires constitutional treatment.

Defect in our behavior, coming short of the utmost gracefulness, often escapes our observation.—Locke.

Always to Be Found.

A great advantage in using the ammunition manufactured by the Winchester Arms Co., New Haven, Ct., is that it can always be found even in the most remote and out of the way parts of the world.

It is astonishing how many people there are who say they do things for others' benefit.—Washington Democrat.

Letters from Farmers.

In South and North Dakota, relating their own personal experience in those states, have been published in pamphlet form by the Chicago, Milwaukee & St. Paul Railway, and as these letters are extremely interesting, and the pamphlet is finely illustrated, one copy will be sent to any address, on receipt of two-cent postage stamp. Apply to Geo. H. Heafford, General Passenger Agent, 410 Old Colony Building, Chicago, Ill.

A woman likes winter, because she can wear a long coat and hide her old dress.—Washington Democrat.

Horrid Torture.

This is often felt in every joint and muscle of the frame, by people who, experiencing the earliest twinges of rheumatism, neglect to arrest the malady, as they may easily do, with Hostetter's Stomach Bitters, a professionally authenticated remedy for the agonizing complaint. Recollect that rheumatism unchecked often lasts a lifetime, or abruptly terminates it when the malady attacks the heart. The Bitters also remedies chills and fever, dyspepsia and liver complaint.

If there is such a thing as good luck, it is being one's own master, by one who, experiencing the earliest twinges of rheumatism, neglect to arrest the malady, as they may easily do, with Hostetter's Stomach Bitters, a professionally authenticated remedy for the agonizing complaint.

Fits stopped free and permanently cured. No fits after first day's use of Dr. Kline's Great Nerve Restorer. Free 82 trial bottle & treatise. Dr. Kline, 533 Arch St., Phila., Pa.

People always want to do things, until they find out that they can just as well as not.—Washington Democrat.

Sudden cold brings soreness and stiffness. St. Jacobs Oil brings a cure.

The secret of a secret is to know how and when to tell it.—Ram's Horn.

Cascarets stimulate liver, kidneys and bowels. Never sicken, weaken or gripe, 10c.

We have often wondered why one can never find a thing until he quits hunting for it.—Washington Democrat.

Use St. Jacob's Oil promptly and freely and say good-by to neuralgia.

Great people always have small enemies.—Ram's Horn.

THE MARKETS.

Table listing market prices for various goods like LIVE STOCK, GRAIN, and BUTTER in Cincinnati.

Table listing market prices for FLOUR, GRAIN, and LARD in New York.

Table listing market prices for FLOUR, GRAIN, and LARD in Chicago.

Table listing market prices for FLOUR, GRAIN, and LARD in Baltimore.

Table listing market prices for FLOUR, GRAIN, and LARD in Indianapolis.

Table listing market prices for FLOUR, GRAIN, and LARD in Louisville.

FANCY-DRESS BALL IN LONDON.

English Men and Women Take Their Pleasure Seriously.

A fancy-dress ball in London is slow. The streets around Covent garden on a fancy-dress ball night are as solemn as Scotland itself, says Scribner's. A few homeless Londoners are kept at respectful distance by the police, while a procession of carriages goes slowly under the archway and deposits serious merry-makers, dressed as stoves, light-houses, monks, lamps and vegetables.

Owing to these elaborate disguises the journey past the ticket-takers and to the ballroom is slow. On the ballroom floor officials, totally void of a sense of humor and dressed in black velvet and cut steel buttons, keep the center of the floor clear, apparently for their own use, and stand ready to subdue any burst of light heartedness that might appear in the circle that is kept moving about them. The general orders are "keep moving along." The man who manages the searchlight, from one of the top boxes, probably enjoys the ball the most. He certainly does more to help it. The center of interest is wherever he will have it. He can make a dull costume bright and a supper party in one of the boxes proud; and he can almost remove the gloom caused by the officials in black.

A sprain may cripple, but St. Jacobs Oil will cure it before it can. It cures.

A prosperous iniquity is the most unprosperous thing in the world.—Jeremy Taylor.

Just try a 10c box of Cascarets candy cathartic, finest liver and bowel regulator made.

Some women make up their husbands' minds.—Washington Democrat.

Are you bruised? Use St. Jacobs Oil and you won't be long. Shortest way.

The knack of easy travel is in knowing how to keep ready all the time.—Ram's Horn.

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MILLIONS NOW USE PEARLINE



The Man who is Raising a Big Crop

—realizes that the harvest time is ahead. Ideal farming comprehends not only the growing of the tallest grain—the most tons-to-the-acre of hay; the best farming—the farming that pays—must contemplate something more than this for there is a harvest time, and just in proportion as a crop is saved successfully, speedily and economically, in just that proportion may be measured the season's profit or loss.

MCCORMICK

Harvesting Machines are the profit-bringing kind; they are built for long wear, hard work, light draft, and in short, to satisfy. There are other kinds that don't cost as much, but there's nothing cheaper than the best. McCormick Harvesting Machine Company, Chicago.

REASONS FOR USING

Walter Baker & Co.'s Breakfast Cocoa.

- 1. Because it is absolutely pure. 2. Because it is not made by the so-called Dutch Process in which chemicals are used. 3. Because beans of the finest quality are used. 4. Because it is made by a method which preserves unimpaired the exquisite natural flavor and odor of the beans. 5. Because it is the most economical, costing less than one cent a cup.

Be sure that you get the genuine article made by WALTER BAKER & CO. Ltd., Dorchester, Mass. Established 1780.

WE HAVENOT AGENTS



ANDY CATHARTIC Cascarets CURE CONSTIPATION

REGULATE THE LIVER ALL DRUGGISTS ABSOLUTELY GUARANTEED to cure any case of constipation. Cascarets are the Ideal Laxative. They never grip or cramp, but cause easy natural results. Sample and booklet free. Ad. STERLING REMEY Co., Chicago, Montreal, Can., or New York.

FOR SALE! A first-class 16 horse power upright engine. Also a good 20 horse power upright boiler. Must be sold at once as we will vacate premises on May first. Price on this machinery will astonish you. Price given to right parties. Address WALTER WADDELL, 111 Home St., Cincinnati, Ohio.

PENSIONS for SOLDIERS and WIDOWS For full amount \$2. Rejected claims reopened. All laws free, 31 yrs. practice. Success of no fee. J. W. McCullin & Sons, Cincinnati, O., and Washington, D.C. Weeks Scale Works, HAY, COAL, STOCK GRAIN, BUFFALO, N.Y. Yucatan, it is perfection. A. N. K.-E 1652