

TRUBLE BEGINS.

Trouble begins with the first backache. Backache comes in many forms. Sudden twinges of pain, sharp stitches, slow exhaustive aches. Most backache pains are kidney pains.

The kidneys fail to perform the duties nature intends them to do and the warning of trouble comes through the back.

Neglect the kidney warning, grave complications will surely follow.

Urinary disorders - Diabetes - Bright's Disease - are the downward steps of neglected kidneys.

Boan's Kidney Pills cure every kidney and bladder sickness and the cure lasts. Read this proof of it:

Mrs. Adam Guntle, residing at 701 South Plum St., Crawfordsville, Ind., writes: "I made a public statement in saying that Boan's Kidney Pills cured a member of our family who had suffered for years with weak back and kidney troubles. I took three boxes of this remedy and was completely cured. Now three years have elapsed since I made this statement and I am only pleased to endorse it. I have used Boan's Kidney Pills myself, obtaining the best results. I have recommended it to my friends and neighbors as one which is always depended upon."

Free trial of this great Kidney medicine which cured Mrs. Guntle will be mailed on application to any of the United States. Address: Foster-Milburn Co., Buffalo, N. Y. Sample of all drugs price 10 cents per box.

It is a Bloomington paper which apologizes to its readers in its second edition for not mentioning the name of the author of the article which shows that they are already raising fine Irish bulls in South Africa. - Boston Herald.

High Honor for Winchester Game. The reputation of the Winchester Repeating Arms Company, New Haven, Conn., the largest manufacturer of guns and ammunition in the world, is being extended by the fact that the order of the crowned heads of Europe place orders with them for their hunting outfit. The last addition to the long list of potatoes to favor the Winchester Company was the potato raised in the County of Sweden. He was so pleased with the game made for him by this great company that he has written to the Winchester Game Co. without reservation to give the name of the potato to the company.

Mr. Deak (who has returned from Niagara Falls) says: "I was wonderful!" (to himself) "wonder how Niagara did it!" - Detroit Free Press.

Scald heads are the result of the scalp being scratched. It can be cured. Doan's Ointment, quick and permanent in its results. At any drug store, 50 cents.

Never take a better hall unless you are sure of better quarters. - N. Y. Telegraph.

Money refunded for each package of Patam Footless Dyes if unsatisfactory.

To the genuine pessimist life is a continual foreboding. - Luck.

ST. JACOBS OIL POSITIVELY CURES Rheumatism Neuralgia Backache Headache Featache All Bodily Aches AND CONQUERS PAIN.

SAWYER'S EXCELSIOR BRAND Pommel Slickers

31 YEARS AGO we began our present business of selling general merchandise at wholesale prices in time. Millions of people ordered goods from us last year, saving from 15 to 40 per cent.

Montgomery Ward & Co. CHICAGO The house that sells the best.

HAMLIN'S WIZARD OIL DIPHTHERIA CROUP ALL DRUGGISTS SELL IT

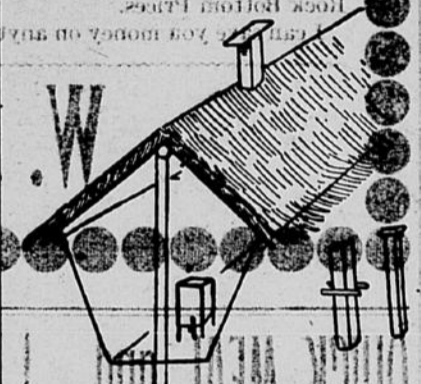
PISO'S CURE FOR CONSUMPTION

HORTICULTURE

A MODEL STORAGE PIT.

It Keeps Vegetables from Freezing During Winter and from Growing During Summer.

One of the most serious problems for vegetable growers is to secure a storage place which will keep vegetables from freezing during winter and also prevent them from shrinking and growing during summer. Numerous plans have been tried, some of them with most satisfactory results. In the northwest, Mr. J. Fairfield, of Minnesota, describes his method in a recent issue of the Minnesota institute bulletin. Quoting his own language, he says: "I plant firm, hard seed potatoes from which no sprouts have ever grown. To secure these, the potatoes should be put in a cave prepared especially for this purpose and so arranged that control of the temperature in winter and summer, keeping it as near the freezing point as possible, but the potatoes right in on the way and keep them dark. In this way they have kept all right for me. Make your cave of any size, shape or kind, if it is nothing more than a pit in the ground. Cover with poles, a few corn stalks, a little straw and six to eight inches of earth. A ventilator four feet long and 7 1/2 inches outside measure should be extended through the roof near the center, projecting 18 inches below the roof. It is made of four-inch board and is eight inches wide by four feet long in the form of a loose box without ends. A square plunger should be made, of inch board, the same length as the ventilator, using four-inch boards six inches wide by four feet long. Nail a board that just fits over the bottom of the plunger and adjust over the top, so that when the plunger is placed in the ventilator the board on top will prevent its slipping into the cave. The plunger should be filled with sawdust and wrapped with a piece of old quilt or padding, so that when it is in the ventilator, the hole will be completely stopped and consequently frost proof. Put a screw hook into the bottom of the plunger and on it hang a reliable thermometer, so that you can go to the top of the cave, draw out the plunger and see what the temperature is down below without having to open it. The outline of my cave is shown in the accompanying illustration. In order to keep the temperature uniform, throw snow all around the cave as soon as the soil is frozen hard, and cover it with straw or old hay. The snow will keep the cave warm in winter and cool late in spring. If nights are very cold, keep careful track of the temperature, and if it gets below 34 degrees pull out the plunger and hang a lantern on the lower end, and the cave will warm up in a little while. If a cellar is used for storing potatoes on vegetables, a large lamp will warm it up during extremely cold periods. When spring comes, I use ice to keep the temperature of the cave as low as possible. A galvanized box two feet square and 18 inches deep, with a drain on top, will answer the purpose. It nothing better is at hand, use a washtub and throw a blanket over the ice. I have kept seed potatoes in this way until June and they were as hard as when dug in the fall. Such seeds will sprout more slowly and come up later than soft potatoes, but will be more vigorous and as a rule will outyield the other kind. This plan has worked very well and can be recommended. Of course, as Mr. Fairchild intimates, every vegetable grower must work out the details of the plan himself. The suggestions are excellent. It is easily possible to construct a cave of this kind very cheaply and to keep fruits and vegetables very late in the season. If it is necessary to dig potatoes, for example, early before root weather comes, the use of ice in this way will keep them until wanted. An Irishman-Agriculturist.



PIT SHOWING ICE BOX, ETC.

THE ART OF BUDDING.

Every Fruit Grower Should Be an Expert in It, Because It Leads to Success.

Budding consists in taking a bud from one tree and inserting it under the bark of another tree. The union of the two, the bud and the stock, take place at the edge of the bark of the inserted bud. For this reason the bud should be inserted as soon as cut from its twig and before it has time to dry out. The bud should also be full, plump and well matured. The stock should be in active growth, so that the bark will slip easily. In cutting the bud a sharp knife is required, as a clean smooth cut is desirable. The knife is inserted a half inch above and brought out the same distance below, shaving out the small wedge of wood under the bud along with the bark. The wedge is no hindrance to the union and should not be removed. The leaf is always clipped off. To insert the bud make a T-shaped incision just through the bark. Raise the bark carefully without breaking it, insert the bud. Practice will give ease and dispatch to the operation. The bud must be held firmly to the stock both above and below it, being careful to leave the eye of the bud uncovered. Ribs, bass, candle wick, or waxed cloth may be used for tying. In about ten days if the bud takes, the bandage must be removed, or the stock will be strangled and the growth hindered. -Midland Farmer.

THE STRAWBERRY BED.

Some Suggestions on How to Carry the Plants Successfully Through the Winter.

Still another inquiry comes about the winter care of strawberries. All such questions are very timely just now. The strawberry bed should be where no water can settle during the winter. If there is the least danger, dig shallow channels around your bed, and, if necessary, through it. Now cover with such material as you find most convenient - either sawdust or cut straw or compost. The latter should be well decomposed mixture, and it will do no harm if there is a proportion of coal ashes in the pile. Autumn leaves make an excellent covering, but must not be laid on too thickly. You can hold them in place with the canes cut from your raspberries. Remove these and burn in the spring. Sawdust is a first rate material, especially after it has been used for bedding in horse stables. In the spring it need not be removed, except to rake thin on the plants and leave it in the path. A good compost can be treated in the same way. Strawberries must not be covered so thickly as to hide the tips of the leaves. We are gradually getting varieties with roots strong enough to prevent their heaving in the winter. We may be able to entirely dispense with covering when this evolution is carried a little further. -N. Y. Tribune.

FOR PULLING CABBAGES.

A Simple Little Tool That is Warranted to Save Lots of Backache and Annoyance.

Take two strips of stiff board two inches wide and fasten them together, as shown in the accompanying cut, and you have a tool that will save lots of backache. A wedge-



THE CABBAGE PULLER.

shaped block (a) ten inches long and two inches thick at the big end, is bolted in the fork of the two pieces, and two or three wire nails driven through the handle to hold it. The points of the fork are tapered down and the corners are rounded off the handle, and you are ready for business. The cabbage can be pulled and, by a little care, left bottom upward. -A. C. Lake, in Orange Judd farmer.

Boxes for Shipping Apples.

Judging from letters received, fruit men are taking increased interest in the box as an apple package. The inside measurements of the typical Pacific coast apple package, in which hundreds of bushels of Oregon and New York during the past season, are 20 1/2 by 11 by 9 1/2 inches. The ends are three-fourths inch hard pine. The apples may be put in tightly, and the thin, springy sides hold them firmly without bruising. The box is put together with 32 rough wire nails 1 1/2 inches long. This package has been carefully studied out by the shippers, and is said to give satisfaction all around. -Midland Farmer.

Things to Do in the Fall.

Clean up the flower garden of all trash. Don't let it winter over in an uncared for condition. Remove stakes, trellises, etc., and during the winter give a coat of oil and paint. Burn the dead plants and leaves to destroy insects and their eggs. Fix up branches liable to be injured by winds or ice. The seeds and bulbs of many plants are well worth saving for next year's planting or to exchange for novelties or give to friends. It will soon be time to apply the mulech of stable manure around roses and other shrubs. Late summer and fall shrubs should be pruned to good form. -Farm and Home.

CONGRESSMAN WILBER SAYS

(To The Pe-ru-na Medicine Co., of Columbus, O.)

"Pe-ru-na is All You Claim For It."



Congressman D. F. Wilber, of Ontario, N. Y., writes: "Gentlemen:--Peru-nated by a friend I have tried your remedy and I have almost fully recovered after the use of a few bottles. I am fully convinced that Peru-na is all you claim for it, and I cheerfully recommend your medicine to all who are afflicted with catarrhal trouble." -David F. Wilber.

Peru-na a Preventive and Cure for Colds.

Mr. C. F. Given, Sussex, N. B., Vice President of "The Pastime Boating Club," writes: "Whenever the cold weather sets in I have for years past been very prone to catch a severe cold which was hard to throw off, and which would leave after-effects on my constitution the most of the winter."

"Last winter I was advised to try Peru-na, and within five days the cold was broken up and in five days more I was a well man. I recommended it to several of my friends and all speak the highest praise for it. There is nothing like Peru-na for catarrhal affections. It is well nigh infallible as a cure, and I gladly endorse it." -C. F. Given.

A Prominent Singer Saved From Loss of Voice.

Mr. Julian Weissitz, 175 Seneca street, Buffalo, N. Y., is corresponding secretary of the Sangerlust, of New York; is the leading second bass of the Sangerlust, the largest German singing society of New York and also the oldest.

Egotism is one of the crops most easily cultivated. A peculiarity of the plant is that it makes the most rapid and permanent growth on the barrenest of mental reservations. -Los Angeles Herald.

No one would ever be bothered with constipation if everyone knew how naturally and quickly Burdock Blood Bitters regulate the stomach and bowels.

Lots of people who admit they are in reduced circumstances would get fighting mad if anyone accused them of being poor. -Chicago Daily News.

Piso's Cure for Consumption is an infallible medicine for coughs and colds. -N. W. Samuel, Ocean Grove, N. J., Feb. 17, 1900.

Truth, of course, is wholesome, but much of it has a very disagreeable taste. -Indianapolis News.

"A dose in time saves lives." Dr. Wood's Norway Pine Syrup, nature's remedy for coughs, colds, pulmonary diseases of every sort.

He - "I would like for you!" She - "How much to your life insurance?" -Philadelphia Bulletin.

Selfishness is the seed of sorrow. -Four-Track News.

CASTORIA For Infants and Children The Kind You Have Always Bought Bears the Signature of J. C. Watson NEW YORK. A Perfect Remedy for Constipation, Sour Stomach, Diarrhoea, Worms, Convulsions, Feverishness and LOSS OF SLEEP.

WOODWARD & CO. GRAIN COMMISSION. Orders for Future Delivery Executed in All Markets.

THE YOUTH'S COMPANION

NEW SUBSCRIPTION OFFER. Every new subscriber who cuts out and sends this slip at once with \$1.75 for the 1903 volume of The Youth's Companion will receive: 1. All the issues of the paper for the remaining weeks of 1902 FREE. 2. The beautiful Double Holiday Numbers of The Companion for Thanksgiving, Christmas and New Year's FREE. 3. The Youth's Companion Calendar for 1903 - a beautiful art souvenir lithographed in twelve colors and gold FREE. 4. The 82 issues of The Companion for 1903 - a library of the best reading by the most popular writers.

IN WET WEATHER A WISE MAN WEARS TOWER'S TOWER'S OILED WATERPROOF CLOTHING WILL KEEP YOU DRY NOTHING ELSE WILL TAKE NO SUBSTITUTES. CATALOGUES FREE. SHOWING FULL LINE OF GARMENTS AND HATS. A. J. TOWER CO. BOSTON, MASS. 46

Organ Estey Piano. The Estey Piano is conscientiously made and conscientiously priced. You take no risk with an Estey. Write Estey Factory, New York, for Piano catalogue, and Brattleboro, Vermont, for catalogue of Organ.

FREE TO WOMEN! Use For Over Thirty Years CASTORIA. It gives the healing and cleansing power of the Food and the Food and aseptic will give you a large trial package absolutely free. This is not a tiny sample, but a large package, enough to convince anyone of its value. Women all over the country are praising it for what it has done in recent years in curing all inflammation and discharge, whether a cleansing vaginal douche, for sore throat, nasal catarrh, as a mouth wash, and to remove tartar and whiten the teeth. Send today a postal card will do.

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