

USEFUL KNOWLEDGE.

QUICKLIME may be used to absorb moisture and putrid fumes. Sprinkle it freely in powdered form in all places to be purified.

BLACK oxide manganese may be used for purifying cellars and rooms, without discommodating patients. It may be made of forty parts black oxide of manganese and sixty parts of common salt, and may be distributed on plates.

IN ANY apartment capable of being disinfected, which has been infected by discharges or emanations from the sick, after thorough cleansing and white-washing, a fumigation by burning a few ounces of sulphur, or by nitrous acid from two or three ounces of nitric acid poured upon an ounce of copper filings, will be effectual in disinfecting them. Or the rooms may be disinfected with bromine. Before the fumigation all chimneys and openings should be closed and remain so for twenty-four hours. After this, open all doors and windows, and keep them open for several days and nights. Personal cleanliness and ventilation should in all cases be attended to.

TO MAKE TOMATO FRUIT.—Pour boiling water over the tomatoes in order to remove the skin; then weigh them and place them in a stone jar, with as much sugar as you have tomatoes, and let them stand two days; then pour off the syrup and boil and skim it until no more rises; then pour it over the tomatoes and let them stand two days before; then boil and skim again. After a third time they are fit to dry if the weather is good; if not let them stand in the syrup until drying weather. Then place on large earthen plates or dishes, and put them in the sun to dry, which will take about a week, after which pack them down in small wooden boxes, with the white sugar between each layer. Tomatoes prepared in this way will keep for years.

My chickens are never sick, consequently I have no doctoring to do. Think sickness among fowls is more the result of bad management than anything else; and that doctoring does more harm than good. Remove the cause and the effect will remove itself. I have on several occasions, when chicken cholera was had in my neighborhood, given, mixed in the food of my fowls, small proportions of powdered charcoal, oxide of iron and flour of sulphur. Never had a true case of cholera, but do not pretend to hold that the drugs administered should have credit for it. Rather think that keeping the houses clean and their floors well covered with fresh earth has been the medicine that saved my chickens.—Mary C. West.

FALL FRUIT.—The necessity of keeping warm naturally suggests fires. And why not have them earlier in the fall? What is there about a fire that we should shrink from it until its warmth becomes a necessity? Cost of fuel has much to do with the late advent of warm hearth-stones, but there are other luxuries which do not frighten us that are much more costly and not nearly so well worth the money that is paid for them. Apart from its healthfulness, of which so much could be said that we will say nothing, a fire in the fall is a luxury. Not only because in the mornings and evenings it softens the air out of doors at the sun, but suggests the joys of winter at a time when the hardships are not yet known; it gives us the rose without the thorn. And if we are so conditioned as to be able to command a wood fire—never so suitable as in the middle of July, days of October and November—how can we reconcile to our conscience to deny it to ourselves?

SACCHARS OF SCENT BASIS.—A correspondent of the Country Gentleman writes: Various powders, etc., placed in silk bags or ornamented envelopes are agreeable to smell of, and also convenient for imparting a pleasing odor to linen and clothes as they are packed away in drawers, for they prevent moths. For heliotrope powder take half a pound oforris root, one-quarter pound of ground rose leaves, two ounces powdered tonquin bean, one ounce vanilla bean, one-half ounce grain musk, two drops otto of almonds, mix it all by sifting through a coarse sieve. This is one of the best sachets ever made, and perfumes table-cloths, sheets, pillow cases and towels deliciously.

For lavender powder, take one pound of powdered lavender, one-quarter pound of gum benzoin, and one-quarter of an ounce of oil of lavender. For patchouli, use one-half a pound of patchouli ground fine, and a very little otto of patchouli. This herb is often sold in its natural state as imported, and is tied up in half-pound bundles.

Sandal wood sachet powder is good, and consists of the wood ground fine. Cedar wood, when ground, forms a body for other sachet powders, and will keep moths at a distance. Dried funnel, when ground, is also used for scent-bags, and ground nutmeg is liked for this purpose.

DAVISO HORSES.—Feed at least one hour before hitching up a driving-horse; never harness in a hurry if you can avoid it. Start out on a walk for a quarter or half a mile; increase the speed gradually and quietly; never use a whip. A horse that requires the whip is only fit for hard work. He does not know enough or else has not pride enough for a pleasure horse. Never strike a mare for any thing except to urge her on. Whipping her never makes her better, but decidedly worse. If a horse balks, or is contrary, or too nervous, or has any uncomfortable habit, keep him in harness all day, (every day except Sunday) except when he is eating his dinner. When on the road give water as often as convenient. Never allow a horse to drink more than three gallons of water at a time unless you are going where you cannot get it for a long time. Most of the hard work of men and horses is done by unsound ones. Study how to keep them in health and strength, and so get good service from them, and not keep swamping one unsound horse for another that is or soon will be as bad or worse. Horses are often abused by men and much often degraded by their owners. Things are wonderfully out of order in this world and strangely

cross-wise. We often see good men driving very poor horses, and then how painful to see, as we sometimes do, a noble horse almost flying through the air, putting forth his wonderful strength and straining every nerve in his beautiful body to please another brute who owns and drives him, and who is howling and yelping, perched upon a skeleton wagon attached to the fine animal, which animal has ten times the strength, intelligence and goodness than his master has.

Wool-Growing a Success. We are asked why wool-growers do not fail as often as other men sometimes do. We answer, simply because the growth of wool and the increase is as perpetual as the time in which they live. It matters not how dark the night is, the wool continues to grow, and it matters not how the winds blow or how it may storm, gestation is never longer than 150 days. The lambs will average one-half female, and often twins, and they breed the next year, making a double compound—a perpetual growth and no loss. Everything that does not go into market goes back to enrich the pasture, and though the lambs may be sick, it does not stop the growth of the lambs.

Not so with other business. The mechanic or the man who works for a salary, has nothing to grow while he sleeps; when his labor ceases his income stops, and his expenses are perpetual. It is true there are perpetual expenses attending the sheep and goat business; but under the most unfavorable circumstances, where they can live on the commons without feeding, the meat of the wethers will pay all expenses without drawing on the wool or the increase of the ewes. Hence it is like a perpetual stream flowing into a basin; it is only a question of time to fill it to overflowing. The drawback seems to be that men do not relish living away from thickly populated settlements and towns, depriving themselves of society for the sake of money. The German journals announce that the recent trials of new guns on iron-plate targets, which took place at Tegel, near Berlin, fully satisfied all expectations. The shot from the 11-inch ring cast-steel gun penetrated an iron plate 12 inches thick, that from the 10-inch gun of the same pattern an iron plate 12 inches, and there was force to spare in both cases. At Krupp's works, at Essen, trials have been made with the newly-constructed 30 centimeter (12-inch) ring cast-steel gun, and the result justifies the belief that this gun will pierce 14 and perhaps 15 inches of armor. Thus the strongest iron-ship now existing, Her Majesty's ship Devastation, which is provided with an armor of 14 inches, will no longer be invulnerable if opposed to such guns.

POTATOES PROSCRIBED.—Several German writers upon rices predict that potatoes, far from improving, will deteriorate both in physical and mental characteristics; if potatoes become a principal article of diet. The celebrated Carl Voigt says that "The nourishing potato does not restore the wasted tissues, but makes our proletarians physically and mentally weak." The Holland physiologist, Mulder, gives the same judgment when he declares that the excessive use of potatoes among the poorer classes, and coffee and tea by the higher ranks, is the cause of the indolence of nations. Leidenfrost maintains that the revolutions of the last three centuries have been caused by the changed nourishment; the lowest workmen, in former times, ate more flesh than now, when the cheap potato forms his principal substance; but gives him no muscular or nervous strength.

A CHRISTIAN nation, jealous of its laws, but careless of its people—conservators of its institutions, but contemptuous of the weak and poor whom those institutions oppress—are baptized individuals. Christ never died for laws nor for governments, but for men; and they who crush men to build up nations may expect God to meet them with the blast of his lightning and the terror of his thunder. The masses against the classes, the world over—I am willing to go to judgment upon that.—H. W. Beecher.

There are people who tell you our age is preoccupied, that men no longer read anything or care for anything. Napoleon was occupied, I think, at Beresina; he, however, had his *Ossian* with him. When did Thought lose the power of being able to leap into the saddle-belted Action? When did man forget to rush like Tyron to the combat, a sword in one hand, the lyre in the other? Since the world still has a body, it has a soul.—Alfred de Musset.

CORN BREAD RISE.—Take six cups of corn-meal, four cups of wheat flour, two cups of molasses, two teaspoons of soda, and a little salt; mix this well together, knead it into dough, and roll it out on a board, and put into the tin or iron pan, to bake one hour.

A REMEDY THAT WILL CURE CONSUMPTION. Will those who have been long afflicted with Consumption take courage. Please read the following: COLUMBIA, Henry Co., Ala., March 9, 1872. Messrs. J. N. HARRIS & Co., Cincinnati, Ohio.

Dear Sir: I would like to send you six bottles of your "Wheat and Wonders of the Boundless West" medicine, which I have used with the most successful results. I have been afflicted with Consumption for many years, and have tried every medicine that has been recommended to me, but have not been able to get any relief. I have been told that your medicine would cure me, and I have tried it, and I am now well and strong. I have been able to do my usual work, and I am now able to enjoy life. I have been told that your medicine would cure me, and I have tried it, and I am now well and strong. I have been able to do my usual work, and I am now able to enjoy life.

J. N. HARRIS & Co., Cincinnati, Ohio. Sold by all medicine dealers.

MARKET REPORTS.

Table with columns for Market Reports, including items like Flour, Wheat, and other commodities with their respective prices.

CHOLERA OF lime is good to absorb putrid effluvia and to stop putrefaction. Use as lime is used.

We notice that diamond-cutting has recently been introduced in Birmingham, England, where there is every prospect of the art reaching a flourishing state. Recent advices also inform us that a huge diamond has been discovered and brought from the Cape. It weighs 288 carats in the rough, and when cut will be half as large again as the world-renowned Koh-I-Noor.

A CHOLERA SPECIFIC.—A correspondent of the Cultivator and Country Gentleman writes that one heating teaspoonful of flour of sulphur and one heaping teaspoonful of powdered charcoal, mixed with whisky to the consistency of cream, and taken after each discharge, is considered by him almost a specific for cholera. He states that the above is a very large dose, and that it will sometimes check the discharge so suddenly as to bring on a feverish state in such cases oil or pills will remove the best effects. He says that he has used this as a remedy in all obstinate kinds of bowel complaints with great success. The recipe was obtained from a gentleman who used it while on the Ohio and Mississippi river boats.

NEW AND REMARKABLE CANNON.—The German journals announce that the recent trials of new guns on iron-plate targets, which took place at Tegel, near Berlin, fully satisfied all expectations. The shot from the 11-inch ring cast-steel gun penetrated an iron plate 12 inches thick, that from the 10-inch gun of the same pattern an iron plate 12 inches, and there was force to spare in both cases.

THE NATIONAL Life Insurance Company of the United States, of New York, is no respect affected by the suspension of Jay Cooke & Co. Its investments in mortgages and governments are much larger than its total liabilities, and its other assets exceed in value one and a half times its ordinary liabilities. It had a dollar in Northern Pacific bonds or stocks, as collateral or otherwise, and never made deposits with Jay Cooke & Co. Its policy holders need entertain no question of its stability. Its future will be prosperous.

DR. THOMAS'S MEDICINE. Dr. Thomas's Medicine is a powerful purgative, and is used in the treatment of various diseases, including cholera, dysentery, and other ailments. It is highly recommended for its effectiveness and safety.

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NEVER put off till to-morrow what can be done to-day, so go at once to the best furnishing store and buy either the Elmwood or Warren collar.

FOR FARMERS.—"Wealth and Wonders of the Boundless West" is a valuable treatise for farmers, detailing the benefits of various agricultural products and the "Wheat and Wonders of the Boundless West" medicine.

THE HOUSEHOLD PANACEA, AND FAMILY REMEDY. This is the best remedy in the world for all the common ailments of the stomach, bowels, and general system, including cholera, dysentery, and other ailments.

CHILDREN OFTEN LOOK PALE AND SICK. This is due to various causes, including indigestion and general debility. The Household Panacea is highly recommended for its effectiveness in treating these conditions.

STORING THE TRADES. A skillful general at the head of a large firm, desiring to capture a strong force, will not only be successful in his own trade, but will also be successful in his other trades.

THE CHEAPEST NEWSPAPER IN THE UNITED STATES. The Chicago Ledger is a highly respected newspaper, known for its timely news and high-quality journalism.

CINCHONA QUININE FOR FEVER & AGUE. This is an effective remedy for various febrile diseases, including malaria and ague. It is highly recommended for its effectiveness and safety.

GETZE'S NEW SCHOOL FOR PARLOR ORGANS. This is a highly respected institution for teaching the art of playing the parlor organ. It is highly recommended for its quality of instruction and its experienced faculty.

HEALTH! BEAUTY!! Increase of Flesh and Weight! Beautiful Complexion Secured to All. Dr. RADWAY'S SARSAPARILLA RESOLVENT is highly recommended for its effectiveness in promoting health and beauty.

DR. RADWAY'S SARSAPARILLA RESOLVENT. This is a powerful medicine for various ailments, including skin diseases, rheumatism, and other conditions. It is highly recommended for its effectiveness and safety.

WINEGAR BITTERS. A refreshing and healthful beverage, made from natural ingredients. It is highly recommended for its effectiveness in promoting health and vitality.

DR. J. WALKER'S CALIFORNIA VINEGAR BITTERS. This is a highly effective medicine for various ailments, including cholera, dysentery, and other conditions. It is highly recommended for its effectiveness and safety.

THE HOUSEHOLD PANACEA, AND FAMILY REMEDY. This is the best remedy in the world for all the common ailments of the stomach, bowels, and general system, including cholera, dysentery, and other ailments.

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FILLEY'S FAMOUS LOW RESERVOIR CHARTER STOVES. These are highly efficient and reliable stoves, suitable for use in all climates. They are highly recommended for their effectiveness and safety.

Are Suited to all Climates, AND FAMOUS FOR BEING BEST TO USE! CHEAPEST TO BUY!! EASIEST TO SELL!!!

WANTS OF EVERY HOUSEHOLD. EXCELSIOR MANUFACTURING COMPANY. 612 and 614 N. Main Street, ST. LOUIS, MO.

RADWAY'S READY RELIEF. Cures the Worst Pains in From ONE TO TWENTY MINUTES. NOT ONE HOUR. After reading this advertisement, Need Any One Suffer with Pain.

THE ONLY PAIN REMEDY that instantly stops the most excruciating pains of rheumatism, neuralgia, sciatica, or other ailments of the nervous system.

DR. RADWAY'S Perfect Purgative and Regulating Pills. These are highly effective in promoting regular bowel movements and overall health. They are highly recommended for their effectiveness and safety.

FOR INFAMMATORY AND CHRONIC RHEUMATISM, GOUT, BILIOUS, RENITENT AND INTERMITTENT FEVERS, DISEASES OF THE BLOOD, LIVER, KIDNEYS AND BLADDER.

FOR FEMALE COMPLAINTS, in young or married or single, in the form of irregular menstruation, or in the form of leucorrhoea, or in the form of dysmenorrhoea, or in the form of amenorrhoea.

WEALTH AND WONDERS OF THE BOUNDLESS WEST. This is a highly effective medicine for various ailments, including cholera, dysentery, and other conditions. It is highly recommended for its effectiveness and safety.

DR. RADWAY'S SARSAPARILLA RESOLVENT. This is a powerful medicine for various ailments, including skin diseases, rheumatism, and other conditions. It is highly recommended for its effectiveness and safety.

ROSADALIS. THE GREAT ATHERIC AND BLOOD PURIFIER. It is not a quick remedy, but it is a permanent one. It is highly recommended for its effectiveness and safety.

THE ROSADALIS IN CONNECTION WITH KROMER'S ANTI-BILIOUS PILLS. These are highly effective in promoting overall health and vitality. They are highly recommended for their effectiveness and safety.

LANE & BODLEY. MANUFACTURERS OF STATIONERY. Stationery and printing services provided by Lane & Bodley, including business cards, letterheads, and more.

PLANTATION MACHINERY. STATIONARY & PORTABLE Steam Engines. High-quality machinery for agricultural and industrial use, including steam engines and pumps.

THE BEST PATENT PORTLAND CEMENT. This is a highly effective and durable cement, suitable for use in all climates. It is highly recommended for its effectiveness and safety.

M.R.N.Y. MOORE'S REMEDY. This is a highly effective medicine for various ailments, including cholera, dysentery, and other conditions. It is highly recommended for its effectiveness and safety.

AGENTS WANTED EVERYWHERE FOR KIT CARSON'S LIFE AND ADVENTURES. This is a highly popular and entertaining book, detailing the life and adventures of the famous frontiersman Kit Carson.

THIS PRINTING INK. This is a highly effective and durable printing ink, suitable for use in all climates. It is highly recommended for its effectiveness and safety.

WHISKERS! Make Compound with the best of the world's grain, and it is the only one that is pure and unadulterated. It is highly recommended for its effectiveness and safety.

DR. WHITTELL'S DOMESTIC FASHIONS. This is a highly effective and durable fabric, suitable for use in all climates. It is highly recommended for its effectiveness and safety.