

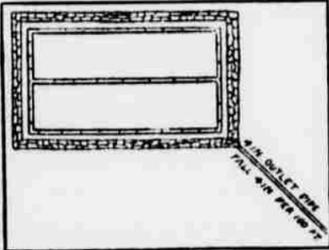
A GOOD CELLAR.

Conditions Which Must Be Secured to Have It Frost and Heat Proof.

Those who contemplate building, or those who have poor cellars, will do well to consider carefully the essentials of a good cellar. A good cellar must be cool in summer, and proof against freezing in winter. Therefore, depth is an important point—a deep cellar meeting both these requirements. As we go deeper beneath the surface there is a tendency towards equalization of temperature. In the northern portions of the United States frost seldom penetrates more than four or five feet; while in summer the subsoil at three feet deep remains at about 60 degrees temperature during midsummer heat.

A cellar under a house is not only a necessity in most cases, but is, in the colder portions of the country, a great help in keeping the house warm in cold weather. A house with a cellar beneath will require less coal for maintaining living temperature than a house without one. Is a cellar with a cement floor warmer in summer than one with the natural earth? Some say so. As far as cleanliness and rat-proof conditions are concerned, cement makes the ideal floor for a cellar. Since the warmth of a cellar in winter and its coolness in summer are largely dependent upon the temperature of the soil beneath the cellar, it follows that the floor should consist of a material that is a good conductor. Rock, and with this we may class cement, is a better conductor than sand or clay, and hence makes a better floor. The bottom of a cellar should be dry, and dry sand or clay is a poor conductor, and should be covered with cement; thus the soil beneath will remain moist, while the cement surface will be dry, thus fulfilling both temperature and sanitary requirements. Owing to unevenness of the ground surface, it sometimes happens that a considerable portion of the cellar wall must be exposed on the outside. Here the wall should be built double, or be protected by an earth embankment. I knew of a cellar of this kind which would freeze every winter. A retaining wall of rough stone was laid up four or five feet from the cellar wall and the intervening space filled with earth. So much of a help did this prove to be that the same cellar did not freeze in the coldest winter known for years. The house sills should be laid in mortar to make the cellar as tight as possible.

Small windows answer for ventilating purpose for the greater portion of the year. In the coldest weather very little if any ventilation is needed, the temperature being so low that no fermentation is taking place to any extent. In the heat of summer windows should be opened only at night. At that season a ventilating flue is use-



Plan of a Sanitary Cellar.

ful passing from the cellar to the roof of the house. The inlet for the air may be through the drainage pipe, if there is one, the air, in passing through it, becoming cooled so that it does not warm the cellar.

Some cellars cannot be drained, and some do not need any artificial drainage. Where it is at all possible, however, says the Rural New Yorker, it is best to run an outlet pipe of round tile to take off any water which may collect from any cause. As mentioned above, such a drain is also useful as a ventilator. Where ground is springy and there is trouble from wet cellar a thorough remedy may be had by proceeding as follows: Have the outlet one foot below the level of cellar floor, and extend it a foot inside of cellar wall all around the cellar and up through the middle the whole length, giving all a slight up grade from the outlet. Fill above these tiles to the surface with coarse gravel or crushed stone. Then cement two inches deep right on the clay bottom of the cellar, and above each drain make a semi-cylindrical groove about two inches deep with holes through to the gravel at intervals in case water oozes through the cellar wall. When the location is wet and fall cannot be obtained for a drainage pipe, there are two ways to overcome the difficulty. An outlet pipe may be run in a cistern or well, the water in which is kept down by pumping. Or the cellar may be made a water-tight box to keep the water out. The floor will have to be made of heavy concrete at least one foot thick to resist the upward pressure of the water in wet times when the ground is full. Of course the side walls have to be made perfectly water-tight, cemented inside and out in much the same way that a cistern is to keep the water in.

BACKACHE IS KIDNEYACHE.

Get at the Cause—Cure the Kidneys.

Don't neglect backache. It warns you of trouble in the kidneys. Avert the danger by curing the kidneys with Doan's Kidney Pills. J. A. Haywood, a well known resident of Lufkin, Tex., says: "I wrenched my back working in a sawmill, was laid up six weeks, and from that time had pain in my back whenever I stooped or lifted. The urine was badly disordered and for a long time I had attacks of gravel. After I began using Doan's Kidney Pills the gravel passed out, and my back got well. I haven't had backache or bladder trouble since."

Sold by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

Charity by Machinery.

Poor Man—W'd ye be so kind, sir, as to stop a moment! It was you, sir, that saved my wife's life last year by givin' me a dollar for some medicine. Please, sir, she's sick ag'in, an' the same way.

Mr. Highmind—I have recently been convinced of the folly of indiscriminate giving, and I now distribute by donations through the Business Men's Charity trust, organized for the purpose of investigating each case. I left a dollar with the secretary not five minutes ago. Go and tell him your story.

Mr. Highmind (an hour later)—Ah! Did you go to the secretary, as I directed?

"I did, sir, an' he gave me a five-cent piece wid a hole in it."

"Eh! Is that all?"

"Yes, sir. I told him about your dollar, but he said the other 95 cents was kept for salaries an' expenses."

—N. Y. Weekly.

Alum Baking Powder Is Wholesome.

Dr. Herman Reinbold, the expert German chemist, in a recent official report concerning Baking Powders, declares that a pure alum baking powder is better and less injurious than the so-called cream of tartar powders. He says that if the quantity of alum contained in a sufficient quantity of baking powder for a batch of bread or cakes for an ordinary family, be concentrated to one mouthful of food, and taken into the stomach of any one person, no matter how delicate, it could do no harm. On the contrary, alum is wholesome in proper quantities. This is undoubtedly the reason the State of Missouri quickly repealed a law that prohibited the manufacture of the most wholesome of all baking powders. So much for Alum Baking Powders.

Schools Spreading in China.

A few years ago the foreign missionary schools were practically the only institutions in Foochow offering facilities for the acquisition of western learning. There are now at least 30 native schools fashioned after the foreign model. Foochow is a city of 600,000 inhabitants, and these schools embrace about 2,000 students. Posters placarded all over the city advertise the opening of various modern schools, which are springing up in every nook and corner of the place. Scarcely a week passes without the announcement of the opening of a new school.

French State Monopolies.

State monopolies are more than ever in favor in France as a means of raising revenue to the prejudice of private enterprise. A committee of the chamber of deputies has been appointed, with a foreign minister of finance as chairman, to collect information on the possible working of monopolies on sugar and petroleum refining, the rectification of alcohol, and insurance.

Training School for Elephants.

There is a training school for elephants at Apl, in the Congo State, where 28 elephants are taking lessons. The training operations have produced encouraging results, says the Tribune Congolaise.

Don't Get Footsore! Get Foot-Ease. A wonderful powder that cures tired, hot, aching feet and makes new or tight shoes easy. Ask to-day for Allen's Foot-Ease. Accept no substitute. Trial package FREE. Address A. S. Olmsted, Le Roy, N. Y.

Beginning of Great Industry. The first woolen cloth made in England was manufactured about 1330, though it was not dyed and dressed by the English until 1667.

Lewis' Single Binder—the famous straight 5c cigar, always best quality. Your dealer or Lewis' Factory, Peoria, Ill.

Cupid occasionally hands out some cold storage love.

How to Put On Gloves.

Open and turn back the gloves to the thumb and powder lightly. Put the fingers in their places, not the thumb, and carefully work them on with the first finger and thumb of the other hand until they are quite down; never press between the fingers. Pass the thumb into its place with care and work on as the fingers. Turn back the glove and slide it over the hand and wrist, never pinching the kid, and work the glove into proper place by means of the lightest pressure, always allowing the kid to slide between the fingers. In finishing care should be taken in fastening the first button.

California's New Idea.

A California ostrich farmer is about to open a branch office in London, where he will have a collection of ostriches, and incredulous customers will be treated to feathers cut direct from the backs of the ostriches, manufactured under the customers' eyes, and sold to them across the counter "at a price they never heard of."



YOU CANNOT CURE

all inflamed, ulcerated and catarrhal conditions of the mucous membrane such as nasal catarrh, uterine catarrh caused by feminine ills, sore throat, sore mouth or inflamed eyes by simply dosing the stomach. But you surely can cure these stubborn affections by local treatment with

Paxtine Toilet Antiseptic

which destroys the disease germs, checks discharges, stops pain, and heals the inflammation and soreness. Paxtine represents the most successful local treatment for feminine ills ever produced. Thousands of women testify to this fact. 50 cents at druggists.

Send for Free Trial Box THE R. PAXTON CO., Boston, Mass.

SICK HEADACHE



Positively cured by these Little Pills. They also relieve Distress from Dyspepsia, Indigestion and Too Hearty Eating. A perfect remedy for Dizziness, Nausea, Drowsiness, Bad Taste in the Mouth, Coated Tongue, Pain in the Side, TORPID LIVER. They regulate the Bowels. Purely Vegetable.

SMALL PILL. SMALL DOSE. SMALL PRICE.



Genuine Must Bear Fac-Simile Signature

REFUSE SUBSTITUTES.

DEFIANCE STARCH—It ounces to the package—other starches only 12 ounces—same price and "DEFIANCE" IS SUPERIOR QUALITY.

EDUCATIONAL.

The Greatest Boarding College in the World

University of Notre Dame

NOTRE DAME, INDIANA

We guarantee two points: Our students study and our students behave themselves. 18 Buildings 75 Professors 800 Students

Courses in Ancient and Modern Languages, English, History, and Economics, Chemistry, Biology, Pharmacy, Civil, Electrical, and Mechanical Engineering, Architecture, Law, shorthand, Book-keeping, Typewriting.

SPECIAL DEPARTMENT FOR BOYS UNDER THIRTEEN

TERMS: Board, Tuition, and Laundry, \$400. Send ten cents to the Registrar for Catalogue

LEARN TO TELEGRAPH

Instruction thorough, easy and quick. Terms reasonable. Positions secured. Catalogue free. Write today. Campaign School of Telegraphy, CHAMPAIGN, ILL.

WINTER Wheat, 60 bushels per acre. Catalogue and samples free. Selzer Seed Co., Box W. N. LaCrosse, Wis.

Let Me Send You a Package of Defiance Starch

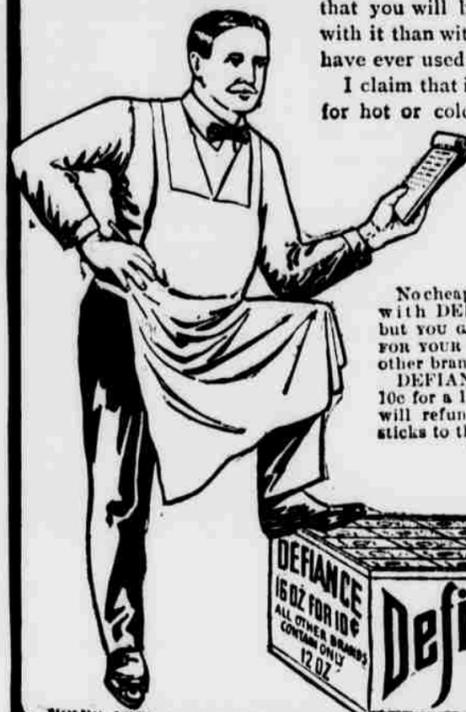
with your next order of groceries and I will guarantee that you will be better satisfied with it than with any starch you have ever used.

I claim that it has no superior for hot or cold starching, and

It Will Not Stick to the Iron

No cheap premiums are given with DEFIANCE STARCH, but you get ONE-THIRD MORE FOR YOUR MONEY than of any other brand. DEFIANCE STARCH costs 10c for a 16-oz. package, and I will refund your money if it sticks to the iron.

Truly yours, HONEST JOHN, The Grocerman



AS A GENERAL TONIC FOR THE SYSTEM, TO CLEANSE IT OF

MALARIA AND TO CURE CHILLS AND FEVERS

OXIDINE

IF YOU ARE BILIOUS TRY IT

Either the Regular or Tasteless Form Will Cure You

Every Bottle Fully Guaranteed

YOUR MONEY BACK IF YOU ARE NOT CURED

Read the following analysis made by the state chemist who analyzed three bottles of Oxidine sent to him by the Secretary of the State Pharmaceutical Association (The Texas Retail Druggists Association):

Houston Laboratories

Chemical and Biological

Analysis and Valuation of Cotton Seed and Rice Products a Specialty. Waters, Soils, Oils, Greases, Etc., Carefully Examined and Reported Upon. Reports Made on Economic Geology.

P. S. TILSON, Director, Analytical and Consulting Chemist 215 1-2 MAIN STREET

HOUSTON, TEXAS, June 27, 1908.

Mr. R. H. Walker, Secretary Texas State Pharmaceutical Association, Gonzales, Texas.

Dear Sir: Herewith I beg to hand you certificate of analysis of the Oxidine you submitted a few days since.

I trust this will be duly received and found entirely satisfactory. I have kept you waiting for a little while, but I appreciate the responsibility which you have seen fit to place upon me; for that reason I have taken my time to be certain and accurate about my results.

If I can serve you in the future please advise me. Thanking you, I beg to remain,

Yours very truly, P. S. TILSON, Chemist.

Houston Laboratories

Chemical and Biological

Analysis and Valuation of Cotton Seed and Rice Products a Specialty. Waters, Soils, Oils, Greases, Etc., Carefully Examined and Reported Upon. Reports Made on Economic Geology.

P. S. TILSON, Director, Analytical and Consulting Chemist 215 1-2 MAIN STREET

HOUSTON, TEXAS, June 27, 1908.

CERTIFICATE OF ANALYSIS

Of Three Bottles of Oxidine Submitted by R. H. Walker, of Gonzales, Texas, Secretary of the State Pharmaceutical Association.

I find this Oxidine to contain absolutely no poisonous or injurious drugs or chemicals and not a trace of Arsenic, Codeine, Morphine, Bismuth or strychnine; nor, in fact, anything that would produce a harmful effect whatever.

Respectfully submitted, P. S. TILSON, Chemist.

OXIDINE, THE CHILL CURE THAT CURES CHILLS

First Use of Modern Trousers. Trousers, in their present shape, were introduced into the British army in 1813, and tolerated as a legitimate portion of evening dress in 1816.

Smokers appreciate the quality value of Lewis' Single Binder cigar. Your dealer or Lewis' Factory, Peoria, Ill.

A girl will forgive a fellow if he kisses her, but never if he doesn't.

Mrs. Winslow's Soothing Syrup. For children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 5c a bottle.

Life is never a burden to the woman who carries her age well.

37,500,000 PEOPLE DIE EACH YEAR

In the United States, alone, more than a million die yearly from preventable diseases.

GOOD HEALTH

tells why these startling facts exist. GOOD HEALTH is the oldest health journal in the world, a big handsomely illustrated and ably edited magazine for the home. The price is one dollar a year. Single copies ten cents.

Send twenty-five cents and this advertisement for a trial three months' subscription. GOOD HEALTH PUBLISHING COMPANY, BATTLE CREEK, MICH.

MONEY GROWS IN SOUTH TEXAS

CORN PAYS - \$56.00 per acre
ALFALFA PAYS - 70.00 per acre
COTTON PAYS - 110.00 per acre
WATERMELONS PAY - 125.00 per acre
BEANS PAY - 150.00 per acre
POTATOES PAY - 225.00 per acre
ONIONS PAY - 280.00 per acre

Other crops in proportion. Splendid fruit and vegetable country. Splendid climate. No blizzards. Beautiful. Splendid farms for sale. IN THE MAIN-BERRY, near railroad \$15.00 to \$25.00 per acre. Land out of rain-belt \$25.00 to \$100.00 per acre. Send for list. Hiland P. Lockwood, San Antonio, Texas.

PENSION JOHN W. MORRIS

Successfully Prosecutes Claims. Late Principal Examiner U. S. Pension Bureau. A. N. K.—B (1908—35) 2141.

Plantation Chill Cure is Guaranteed

To Cure, or Money Refunded by Your Merchant. So. Why Not Try IT? Price, 50c, Retail.