

Out Our Way



THE AFTER LAUGH

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EXPERT TELLS HOW TO KEEP CELLAR DRY THROUGHOUT YEAR

By NEA Service

Washington — Damp and musty basements are the result of faulty wall or floor construction, clogged drains or improper back filling and grading around the walls, say experts of the United States bureau of standards. In some cases remedying this situation in the home is quite a job.



CHECK WATER DRAINAGE SYSTEM FOR LEAKS

In checking for the cause of water in the basement, first see if the caves, gutters and downspouts are carrying off the water from the roof in a satisfactory manner. The downspouts should lead in to a storm sewer, dry well, open water course or some other suitable outlet.

If this situation does not exist, a good way to keep water from the basement walls is to set up a board underneath the downspout to direct the water away from the sides of the house.

Another remedy for this is to grade against the basement walls. This grading should extend at a considerable slope from 8 to 10 feet from the walls. The ground should be planted with grass or sodded.

Still another method is to run a concrete pavement around the house from two to three feet wide. This prevents water gathering close to the cellar walls and slowly seeping in.

Tiling Often Helps
In low, damp places, where there is a large amount of water in the subsoil, a drainage system is sometimes installed around the footings to carry the water away before it can find its way into the basement.



SODDED GRADING PREVENTS MOIST BASEMENTS

"To lay the tile, dig a trench adjoining and to a depth of a few inches below the level of the bottom of the cellar floor but not below the footing level," Vincent B. Phelan of the United States bureau of standards advises.

"The tile should be at least four inches in diameter and should be laid so that the grade of fall will be smooth and as sharp as possible

to avoid settlement of mud within the pipe. Cracks between the joints should be covered to prevent against sediment running into pipe. The pipe should be connected to an outlet similar to those recommended for the downspouts."

Waterproofing a wall is another way to keep water out of the basement. Of course, the best place to apply the waterproofing material is on the outside of the wall. This prevents moisture from entering the wall at all.

Waterproof Coating
Some of the various coatings applied are cement plaster, for homes where ground-water conditions are not especially bad and dampness is only to be guarded against, and a bituminous coating, where more than mere dampness exists. The latter material may consist of a simple coating of coal-tar pitch or asphalt, or may be a build-up covering of alternate layers of the bituminous material and tar paper.

Frost and running water has a tendency to crack cellar walls and floors. Water seeping through the cracks wears them larger until it runs through freely.



WATERPROOF THE CELLAR WALL

"If the walls are in good condition otherwise, minor cracks and places where mortar has fallen out may be repaired by an unskilled workman," Phelan says. "If, however, a wall is badly cracked and crumbled and beyond the aid of minor repairs, it may be necessary to engage an experienced workman to reconstruct all or part of the wall."

How to Fix Cracks
For minor repairs the amateur workman should proceed as follows:

First chip out the mortar between masonry courses and brush out the joint to remove all dust and loose particles. Before applying new mortar, dampen the joint.

A mixture of one part of cement to two and one-half parts of sand, or one part cement to three parts sand is recommended in ordinary cases. For damp cellars, however, a one to two mixture is better.

The finished work should be wet down daily for several days to increase the strength of the cement. A damp cellar can be dried out considerably by giving it more ventilation and sunlight. This is accomplished by cutting more windows in the basement walls. Ordinarily, this is a job for an experienced workman.

A coat of whitewash will greatly aid in brightening the cellar.

legislative appropriation has been granted to begin preliminary work

"BY ANY OTHER NAME"
Some folks adopt a high hat role with words and even phrases; Grandiloquent, they're congn The simpler terms to blazes.

Of itching toes they never speak, But blurb of athletes foot; Smoke menace, too, they will discuss, But never mention soot.

Perhaps by euphony they think To mitigate an evil; Curculionidae may not Throw such a scare as weevil.

But I can't love a hopper more, Nor hold his visit proper, When entomologists discourse On influx of orthoptera.

—Sam Page.

But Uncle Sam Owns No Wheat.
From Minneapolis, Minn. Journal. The country has been assured by Chairman Stone of the farm board—as it had previously been assured by his predecessor—that the government has not gone into the grain business in competition with private enterprise; that the Farmers National Grain corporation is itself a private co-operative enterprise owned by wheat growers through membership in constituent co-operatives, and sponsored and protected by the board, but not the property of the board.

But now that Wyanotte county, Kansas, has assessed for taxation 22,000,000 bushels of the National Grain corporation's surplus wheat stored in Kansas City terminal elevators, the corporation has promptly appealed to the state tax commission for exemption. As the only valid ground for tax exemption would be government ownership of the wheat in question, the appeal implies that the National Grain corporation's officers regard the wheat they hold as government wheat and not the property of the growers making up the corporation's constituent co-operatives.

To state the case more simply, the government is not in the grain business on days when the farm board's policies are under scrutiny, but only on days when states attempt to tax the grain.

SMALL BUILDING STRONG
Portland, Ore.—(UP)—One of the strongest buildings in the world will be built on lonely Tatoosh Island, off the Washington coast. Although it will be only a small structure, to house a federal weather bureau, it was designed to withstand severe earthquakes and winds of 120 miles an hour velocity. The island is on the fault passing from the Aleutian Islands to California.

FAMOUS LION KILLED
Safford, Ariz.—(UP)—"Old Slinky," known as the thousand lion of the Graham hills, will terrorize ranchers no more. He was killed this summer by Wiley Shirley, government hunter. The lion, hunted for months, was an astute beast, it being estimated that he killed \$1,000 worth of livestock before falling victim to Shirley's gun.

DOG GUARDED LIQUOR
Mobile, Ala.—(UP)—While a fellow officer held a vicious dog in check outside by feeding him tidbits and patting him on the head a deputy sheriff climbed through the window of a house here and confiscated liquor inside.

A Bad Start.
From Answers. Mary's Admirer (meeting her father for the first time): I—er—have the advantage of you, I believe! Father (grimly): You have! I've just changed into my slippers.

ent given to him recently—and he does not know just what to do with it. The present was a ferocious wildcat that was captured by a friend.

HARD YEAR FOR STORES
Cambridge, Mass.—(UP)—In 1930 the average department store in the United States failed to earn a profit after charging interest on invested capital. This is the report of the bureau of business research of the Harvard school based on a survey of earnings of 800 representative stores, with sales in excess of \$1,700,000,000.

COUNTY BOARD ASKED TO CUT BUDGET

Plankinton, S. D.—(Special)—The board of county commissioners met to consider the proposed budget for 1932 last week and were waited upon by a delegation of farmers asking that it be reduced to the lowest possible amount. Most of the agitation seemed to be directed against road work and deputy hire. The board adjourned for a week without taking any definite action.

DAIRY HAS BIG LOSS BY FIRE

Fine Plant Near Chamberlain, S. D., Destroyed by Mystery Blaze

Chamberlain, S. D.—(Special)—The Riverside dairy six miles south of Chamberlain was almost wiped out by a mystery fire Friday afternoon. A mammoth horse and cattle barn, a new silo, milk houses, granary, feed house and several other small buildings burned. About 60 tons of hay, and 150 bushels of corn and oats, besides milking equipment and machinery was burned. An estimate of the damage is \$15,000. All buildings were covered by insurance but the grain feed and machinery was a complete loss. M. F. Cranny and sons are owners and operators of the dairy.

DECREASE SHOWN IN GAS TAX COLLECTIONS

Pierre, S. D.—(Special)—Gasoline tax collections during July totaled \$521,274.67, a decrease of nearly \$14,000 from the amount received during the same month a year ago. Collections in July, 1930, aggregated \$535,847.57. A decrease in tourist traffic is believed responsible for the reduction.

The cigaret tax and tobacco dealer licenses showed a decrease this July compared with the same month in 1930. The tax this July totaled \$39,199.95 and licenses amounted to \$28,393.70. Last year the figures were \$46,325.05 and \$30,515 respectively.

BUTTE COUNTY BOARD SLASHES ITS BUDGET

Belle Fourche, S. D.—(Special)—Butte county commissioners in session here last week were paring down the 1932 budget with a keen edged blade whetted on the grindstone of adversity. The greatest cut on the road and bridge fund which was cut from \$70,000 to \$40,000. Other department also have suffered sharp reductions from the amounts first submitted. The reduction on officer's salaries has not met with favor. Butte county being the only county in the state which has proposed such a cut.

TOWNS NATURAL ICE SUPPLY EXHAUSTED

New Underwood, S. D.—(Special)—The extreme hot weather of the last few weeks together with the short ice crop of last season have exhausted the supply in the local ice house of Virgil Baldrige. Manufactured ice is now being trucked from Rapid City. A number of homes are now equipped with electric refrigerators and the city market has an ice machine which lightens the demand for ice.

FARMER ACCUSED OF FIRING OWN BARN

Mitchell, S. D.—(Special)—Following an investigation by Charles Tice, deputy state fire marshal from Mitchell, David E. Wipf of Freeman was bound over to the Hutchinson county circuit court for trial on charges of arson and defrauding an insurance company. The preliminary hearing was held at Olivet August 7, before Judge S. L. Clark who bound Wipf over to circuit court on \$5,000 bond. Wipf was accused of setting fire to a barn on his home in which five horses were burned to death.

NEW TRUCK LINE FROM GAYVILLE TO SIOUX FALLS

Pierre, S. D.—(UP)—The Dobash Transportation company of Sioux Falls has been granted a certificate by the state board of railroad commissioners to operate a truck line between Sioux Falls and Gayville, via Alcester, Burbank, Vermillion and Meckling.

The request was approved after a hearing at Sioux Falls at which the proposal for a new truck line was supported by Sioux Falls and Vermillion chambers of commerce. Rail connections between these points are indirect, it was explained, and there are no direct truck lines furnishing the service proposed.

GROTON BAND CONCLUDES SERIES OF CONCERTS

Groton, S. D.—(Special)—The Groton Municipal band has concluded a series of weekly concerts in the city park under direction of C. V. Spera, formerly of the local public schools but now director of instrumental music in the Austin, Minn., public schools. The concerts were sponsored by the city and attracted large audiences throughout.

NEW FREE PAPER APPEARS AT CANTON

Canton, S. D.—(Special)—The first issue of the Canton Advertiser, a new bi-weekly paper was distributed Saturday. The paper is published by the Osborn Print shop and is delivered by carriers free to Canton citizens and to farmer visitors in town. It is to be published on Wednesday and Saturday each week.

FOUR IN FAMILY HAVE PTOMAIN POISONING

Geddes, S. D.—(Special)—The four members of the Mont McAllister family of this city were taken dangerously ill as a result of ptomaine poisoning, caused by eating left over cold pork. The family had attended the annual picnic of the Civic club at Rest Haven and had brought home part of their lunch. They are under the care of Dr. C. L. Bury and will recover in a few days.

THIS CURIOUS WORLD



DAILY HEALTH SERVICE

Copper-Containing Foods Help Build Blood, Survey Shows

OYSTERS, LIVER, PORK CONTAIN AMOUNTS OF MINERAL

BY DR. MORRIS FISHBEIN, Editor, Journal of the American Medical Association, and of Hygeia, the Health Magazine

Recent research carried on in many institutions has indicated anew the importance of minerals in various food substances. These minerals are concerned primarily with the building of blood, but also with other processes of growth and repair in the human body. Not only iron and copper are important, but there seems to be some question as to the exact parts played by manganese, zinc, nickel, and other metals.

Investigators in the University of Wisconsin found that the addition of copper to the diet was of great importance in rebuilding blood in anemia. Investigators in India and elsewhere believe that manganese is of importance in improving growth and that it, as well as copper, is concerned in the development of hemoglobin, or red coloring matter, in the blood.

Because of these facts investigators in the University of Wisconsin have recently been making a study as to the amounts of these elements available in various food substances. They find that 16 foods are particularly high in their manganese content. These are blueberries, whole wheat, split peas, navy beans, cho-

EXPLORERS SEND HOME STRANGE FOREIGN PLANTS

Washington, D. C.—(NEA)—Foreign climes have yielded to plant scientists of the office of foreign plant introduction, of the department of agriculture, several interesting plants which, it is hoped, will be adapted to soil conditions in the United States.

Several of these plants are described by Knowles A. Ryerson, chief of the office. There is a palm tree which yields an edible vegetable from its roots, a sugar from its sap and a fragrant fruit; a potato substitute which grows to the size of a pumpkin, and a blueberry that grows well on dry, sandy soil.

Then there is a raspberry with fruit three-quarters of an inch long, a type of Japanese grass which is expected to be of value for use on golf courses, a 35-foot tree, the leaves of which may be substituted for spinach and honey suckles which, after blooming, bear an edible fruit.

May Not Thrive Here
"Seeds and cuttings of these any many other plants brought in by the office's explorers from all parts of the world are being planted and grown experimentally in parts of the

A Happiness Test

From the Chicago Journal of Commerce
Columbia university has completed a test of 500 men between the ages of 17 and 35 years, that measured their individual happiness—the only thing of the kind we ever heard of. In general the test showed even temper, health and religion to be sources of happiness. Some sources of unhappiness were listed, among which were worry, personal appearance, bad habits, money matters, laziness, lack of freedom and education, sex difficulties and heavy responsibilities.

No report is made as to what proportion of the 500 now are reasonably happy, or think they are. We are wondering when was our happiest period. It may have been in our early married life, but the one event that made a close second in our happiness, was when we got all our debts paid after 25 years of indebtedness. We are not expecting great happiness now, such as came to us after our son returned home from the World war safe and sound. Of all things these we desire most now are freedom from pain and peace of mind.

There are 1,000 things we have to be grateful for now, daily joys without which life would not be worth living, and we have become reconciled to pain, so long as it does not become intense. And whenever we write a column that we think is good, it yields pleasure.

Up and Down.

From the Humorist.
Two members were talking in the smoking room of the club.
"I understand your wife thought of taking up law before she married you," remarked one of them to his friend.
"That's right," replied the other. "But now she's content to lay it down."

Maple Syrup 50 Years Old Still Kept Flavor

Andover, Ohio—(UP)—A can of maple syrup 50 years old, found in the attic of her home, still was of good flavor and quality, Mrs. Fanny Lindsley reported. The syrup was made by her late husband, who had a nationwide trade.

5 Plus 9 Equals 9
Here's a five-piece wardrobe you can make into nine different costumes without adding a single thing!
One white dress, one white jacket, one colored dress, one jacket in the same color, one pink dress combining the color and the white. The trick is this: Each dress worn alone makes a total of three costumes; and each dress worn with each of the two jackets makes six more costumes. Result, nine costume variations.

CONTRASTING EVENING COLOR
One way to get the fashionable color contrast into the evening costume is this: Have a black velvet wrap lined in a color that contrasts with the dress but matches the jewelry and slippers.

Pennsylvania Plans Psychiatric Hospital

Harrisburg, Pa.—(UP)—Pennsylvania will have a State Psychiatric Hospital as a center of leadership in training physicians, nurses and other personnel for mental institutions; for research and for intensive study of mental institutional problems, and for vigorous treatment of selected groups of patients, according to a statement by Governor Gifford Pinchot.

Precision in Measuring Distance.

Dr. O. J. Lee in Scientific Monthly.
Perhaps the most accurate work of distance measurement ever done was carried out under the direction of Col. William Bowie in measuring the distance of 22 miles between two points on Mt. San Antonio and Mt. Wilson in California as a baseline for Michelson's determination of the velocity of light. The probable error is not greater than one part in 6,800,000, or about two-tenths of an inch in 22 miles. The princess who could feel the presence of a pea through seven thick feather mattresses was no more sensitive than

the engineers who checked and tested every tape, every instrument and every operation in this notable achievement in measurement.

BEAR HUNTERS USE PLANE

Great Falls, Mont.—(UP)—An airplane is the latest aid to bear hunters. H. C. Hollenback, a pilot, William Getman and C. E. Berkner flew from here to a meadow in the Dry creek canyon, organized a brief hunting expedition, bagged a black bear and flew home again.

WILDCAT PUZZLES SHERIFF

Teavarkans, Ark.—(UP)—Sheriff Walter Harris had a pres-