

My Hair Ran Away

Don't have a falling out with your hair. It might leave you! Then what? That would mean thin, scraggly, uneven, rough hair. Keep your hair at home! Fasten it tightly to your scalp! You can easily do it with Ayer's Hair Vigor. It is something more than a simple hair dressing. It is a hair medicine, a hair tonic, a hair food.

The best kind of a testimonial—
"Sold for over sixty years."

Made by J. C. Ayer & Co., Lowell, Mass.
Also manufacturers of
AYER'S
SARSAPARILLA,
PILLS,
CHERRY PECTORAL.

Seized Her Opportunity.
He was not a very rapid wooer, and she was getting a bit anxious. Again he called, and they sat together in the parlor, "Just those two." A loud rap came at the front door. "Oh, bother!" she said. "Who can be calling?"

"You're out," said the deceiver. "Oh, no; that would be untrue," murmured the ingenious one.

"Then say you're engaged," he urged. "Oh, may I, Charlie?" she cried, as she threw herself in his arms. And the man kept on knocking at the front door.—Illustrated Bits.

Relative Submergence.
"My poor man, you look as if you might have seen better days."
"I'm as right, ma'am, I have."
"And now, I presume, you are among what we call the submerged tenth."
"Well, than that, ma'am, I am an influential fraction of the submerged tenth of the submerged tenth. My present occupation is stoking on an ocean liner."

One of the Essentials

of the happy homes of to-day is a vast fund of information as to the best methods of promoting health and happiness and right living and knowledge of the world's best products. Products of actual excellence and reasonable claims truthfully presented and which have attained to world-wide acceptance through the approval of the Well-Informed of the World; and of individuals only, but of the many who have the happy faculty of believing and obtaining the best of the world's affairs.

One of the products of that class, of known component parts, an Ethical remedy, approved by physicians and commended by the Well-Informed of the World as a valuable and wholesome family laxative is the well-known Syrup of Pina and Elixir of Senna. To get its beneficial effects always buy the genuine, manufactured by the California Fig Syrup Co., only, and for sale by all leading druggists.



Libby's Food Products

Libby's Veal Loaf

is made of the best selected meat, scientifically prepared and evenly baked by damp heat in Libby's Great White Kitcher. The natural flavor is all retained. When removed from the tin it's ready to serve.

It can be quickly prepared in a variety of styles and nothing makes a better summer meal.

In the home, at the camp, and for the picnic Libby's Veal Loaf is a satisfying dish, full of food value that brings contentment!

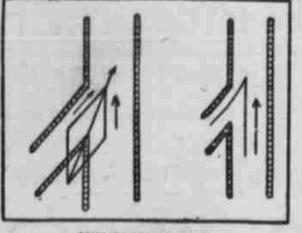
Libby, McNeill & Libby, Chicago.

AGRICULTURAL



Connecting of Drain Tiles.

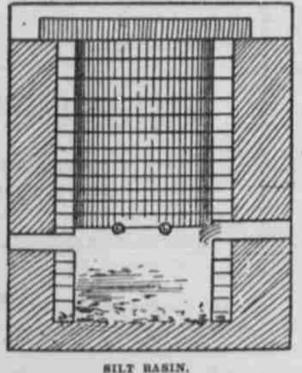
It is difficult to cut large tile with a view to fitting small tile to connect laterals with main drains. There is a great deal of danger of the tile breaking, and one is likely to lose two or three large tile in attempting to form a junction, and, at the best, the junction is likely to be a poorly formed one, unless considerable care is taken in covering the openings and cementing the joint. I have, therefore, found it advisable to recommend the use of a



JUNCTION OF TILES.

connecting box or basin, built in the main drain at points where laterals connect. These basins may be made of plank or brick or cement, according to convenience or fancy. Of whatever material, the box should be from twelve to eighteen inches square, according to the size of the main tile. The best time to build the box is when the main is laid. Two sides of the box, namely opposite sides, will be used for the main line, the other two sides when the box is built should be fitted with the first tile of the laterals, which may be immediately or at some subsequent time completed. This basin or box should extend six to twelve inches below the line of the drain, and besides serving for connecting the basin will serve for a silt basin, that is, will collect any sediment which may happen to get into the various lines of tile discharging into it. Also, the box may be continued to the ground surface and be provided there with a tight cover, or if it is not desired to have a box exposed thus and in the way, it may be covered with plank about fifteen inches below the ground surface and then covered over with soil—the position of the box being carefully marked on the drain map or its distance measured from two points near at hand. Such a basin is an excellent device to use where two or three lines of drain unite.

Of whatever material the box is built, the tile on the four sides should



SILT BASIN.

be carefully fitted in so as to allow nothing to enter the box except what goes there through the tile.

If the main drain is to be built of plank, it certainly would be better to spike the plank, for two reasons: First, to prevent displacement, and secondly, to prevent entrance of solid matter. It has been found that the joints of the box will afford sufficient means of ingress for the water even if the planks are spiked, and if they are not spiked there is danger of too great openings and finally filling the box with sediment.—Exchange.

Chemical Fertilizers.
Strong chemical fertilizers should not be given too lavishly to growing plants. Nitrate of soda is good as a source of nitrogen, but you can not grow a plant in pure nitrate of soda, acid phosphate and other actual food substitutes; not even if they are mixed with the most consummate skill. Look at a clay soil; it is generally regarded as a pretty poor one for growing plants, but it has more actual units of food in it than any other sort of soil you can take, and it is improved by throwing in the solid grit of sand or the rubbish of ashes from the furnace.

Keeping Away Cutworms.
It is claimed that plaster and salt, two parts of the former to one part of the latter, dropped on the hills of corn—or potash in the form of kalmite—will have a good effect in keeping away cutworms, and besides will fertilize the corn. A very small amount is all that is required.

Fruit and Truck Farms.

The man who has not capital to purchase a large farm must be satisfied with small holdings. Ten acres in fruit and truck garden will furnish occupation for one man all the time, and during fruit harvest extra help will need to be employed.

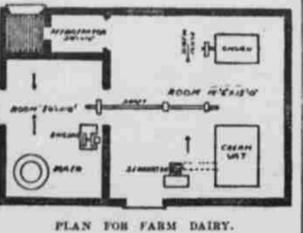
If the husbandman can realize as large returns for his individual labor devoted to the cultivation of ten acres of land as he could from operating a quarter of a section it would be great economy to work the smaller farm and place the residue of his capital at interest.

Truck gardening and fruit growing have become established branches of agriculture. The farmer raises his own supplies of fruit and vegetables, but the multitude of residents of cities depend on the professional fruit grower and market gardener for their supplies of fruit and vegetables. Small farms are multiplying annually and become profitable investments when operated to truck gardening and fruit growing. An acre of onions in average seasons will return a gross income of \$300 to \$700 and fruit will average \$250 to \$600 per acre. An acre of apple trees have sold as high as \$1,200 on the trees, the purchaser furnishing the packages and harvesting the crop.

The land can be so operated as to produce a crop of early peas and followed by turnips or late cabbages. Small farms are particularly adapted to men in moderate circumstances and who depend on their labor to support their families. The small farm not only yields a large cash income when properly managed, but it furnishes a home for the family and guarantees steady employment to the owner twelve months in the year.—Goodall's Farmer.

A Farm Dairy.

The accompanying plan for a farm dairy will give a general idea of the requirements for such a building. Accommodation is made for handling the milk of thirty cows and making butter. A cement floor is in every way superior



PLAN FOR FARM DAIRY.

or to a wooden floor for a creamery. When properly put in, a cement floor will last indefinitely and can be kept clean and sanitary, whereas a wooden floor is short lived, quickly rots out and is always a source of contamination.

Calves with Scours.

A dairymen gives this remedy for white scours: Carbolic acid diluted 1 to 5; "kept a vial in my pocket and just as soon as the calf was dropped I poured some on the navel next to body and some on the nose, and every calf that I got before dry I raised, but when dropped in the night and the calf licked dry before I got them, they died."

Restoring Meadows.

Meadows can often be revived and made profitable by the application of commercial fertilizer. This can be made up of 150 pounds of nitrate of soda, 150 pounds of acid phosphate and 70 pounds of muriate of potash. These materials should be well mixed and sown broadcast about this time, care being taken to distribute it evenly over the field.

Hatches 15 Chicks from 13 Eggs.

"Phoebe," a large hen owned by Mrs. T. Z. Bush, of Birdsboro, Pa., for a long time has had a reputation of laying an egg every day and sometimes two per day. Now she has hatched out of thirteen eggs fifteen healthy chickens. Mrs. Bush can not account for the extra number except that there must have been two pairs of twins.

A Few Farm Tips.

Keep the water sprout growths rubbed off the fruit trees.

Angora goats have been found exceedingly profitable on many farms.

Cow peas are to the South what clover and alfalfa are to the North.

Bordeaux mixture is the best all-around spraying material in existence.

In renting land be sure to make a contract with the tenant and then both live up to it.

No one is quite so much out of place as the farmer who retires to a whitening place in town.

All the corn growing land is taken. Cheap corn land is no more. The price of corn must stay up.

The atmosphere contains in unlimited quantities one of the most essential plant foods, nitrogen, but the farmer must grow the legumes before he can get any benefit from this vast store.

The estimated cost of the Roosevelt dam, which is part of the Salt-River irrigation scheme, has been cut down by \$1,000,000 by the establishment of a government cement mill on the spot.

DRY FARMING IN IDAHO.

Resumé of Idaho Experiment Station Bulletin No. 62.
By Elias Nelson, Irrigationist.

In the western part of Nez Perce county and throughout southern Idaho the precipitation is small and arid conditions there prevail. Farming without irrigation in those portions of the state may therefore be termed dry farming.

In Idaho dry farming has been quite successful with 12 inches of annual precipitation. It is practiced in eastern Oregon even with but 9 to 10 inches. The average annual precipitation for southern Idaho is 12.95 inches. Dry farming should be successful in Idaho on all soils that are 4 to 5 feet deep and suitable in other respects provided proper methods of cultivation are pursued.

Dry farming has been practiced successfully on various soils ranging from heavy clay to sandy. The depth of the soil is of more importance than the kind. The average soil in southern Idaho is capable of absorbing 3 inches of water for each foot of depth. Of this amount 2 inches is available water and may be used by crops. The remainder is not given up by the soil. To absorb 12 inches of rain and hold it as available moisture requires 6 feet of soil. While a deep soil is a great advantage, dry farming has been successful on soils of lesser depth than that. The equivalent of an inch of rain stored in the soil is capable of producing 2½ bushels of wheat per acre if it be utilized.

With good methods it should be possible to conserve at least one-half of the precipitation to do duty in crop production. In actual practice not much more than one-fourth is generally utilized, the three-fourths being lost by surface evaporation or by run-off.

The amount of moisture that is absorbed by the soil and retained very largely determines the yield. Deep percolation is therefore to be desired and surface cultivation to prevent unnecessary losses by evaporation should be practiced. Deep plowing favors the storage of water in the soil. Maintaining a dust mulch over the surface tends to conserve that which the soil has absorbed. It is important to preserve this dust blanket over fields by harrowing and especially on the summer fallow should this be done. That will prevent the soil below the mulch from drying out. Leaving the summer fallow lie rough during summer allows the soil to dry out. With such practices there is a large loss of moisture and no particular gain in fertility for the elaboration of plant food does not take place in a dry soil.

Summer fallowing alternate years is recommended for all localities with less than 15 inches of annual precipitation. Where there is more than that it is generally possible to grow a crop every year. Growing a cultivated crop every other year is more profitable than a single crop system. For every year cropping the plowing should be in the fall. For the bare summer fallow the plowing may be either in the spring or in the fall. The former has been most successful in the Columbia basin uplands, the latter has proven the better system in Utah.

With fall plowing the soil settles during winter and good capillary connection with subsoil is thus ensured, with spring plowing the lower part of the furrow slice does not become firm enough. Packing to close up the air spaces is therefore an advantage. Either the sub-surface packer or the corrugated roller may be used for this purpose. Packing in connection with spring plowing is recommended for the lighter soils in Idaho.

Rotation of crops in dry farming should be practiced at least in the more favorable localities as the fertility of the land is then maintained. While continuous wheat growing for several decades in some districts has not exhausted the soil, there cannot be much dependence upon the permanency of such a system.

Winter wheat generally yields 4 to 5 bushels more per acre than spring varieties. The most promising winter wheat for southern Idaho are Turkey Red, Forty-fold, Gold Coin, Lofthouse and Odessa. The best spring varieties are Kubanka Durum, Blue Stem, Little Club, Red Chaff and Sonora.

Other cereals have been successful on dry land, such as Sixty Days, Kherson and Big Four oats and Smooth Hullers barley and rye. Potatoes have been quite successful without irrigation. Early varieties, such as Early Ohio and Six Weeks, are the best. Alfalfa is very drought-resisting and may be sown on the arid farm. In favorable localities it may give two cuttings while the less favorable but one.

In some localities in southern Idaho the profitability of dry farming is no matter of doubt, for from 25 to 35 bushels of wheat per acre are produced. Where yields are small the cost of production must be greatly reduced to give a margin of profit and operations must be on a considerable scale. Each man should handle from 200 to 300 acres. By means of co-operation among farmers traction engines may be employed and these generally reduce expenses one-half. Where the farmer uses his own tools and teams the actual cost of producing wheat will range from \$3 to \$4 per acre. At contract prices it would be from \$5 to \$7.

No Escape.

The young man had proposed and been accepted. "But what's this you're doing, dear?" he asked a moment later. "I'm taking your Bertillon measurements, Clarence," said the determined young woman. "The last one got away."—Chicago Tribune.

Much of the tobacco grown in eastern Bengal is marketed in Calcutta, whence it is shipped to Burma, where it is manufactured into cheroots.

S.S.S. CURES SKIN DISEASES

When the blood is pure and healthy, the skin will be soft, smooth, and free from all blemishes and eruptions; but when some acid humor takes root in the circulation, its presence is quickly manifested by some form of skin disease. The skin receives its necessary nourishment and strength from the blood. When, however, this vital fluid becomes a humor-laden stream, it can no longer preserve the healthy, natural appearance of the skin, but by its acid, impure nature continually irritates and inflames the delicate tissues and fibres and keeps the cuticle in a diseased and disfigured condition. External applications cannot reach the blood, and therefore are beneficial only for their ability to reduce inflammation, and assist in keeping the parts clean. To cure any skin trouble the blood must be purified of the humors that are causing the trouble. S. S. S. drives out the humors from the blood so that the skin, instead of being irritated and diseased, is nourished by a healthy, cooling stream. S. S. S. goes down into the circulation and removes every particle of impure matter, all acids and humors, and restores the blood to its normal, pure condition, thereby curing every form of skin disease or affection. Book on skin diseases and any medical advice free to all who write.

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Eminent Statesman—What are the internal newspapers saying about me now, Chicksey?
Private Secretary—They haven't mentioned your name for a month, Senator.
Eminent Statesman—Blank dash the newspapers!

FITS St. Vitus' Dance and all Nervous Diseases permanently cured by Dr. Kline's Great Nerve Restorer. Send for FREE \$3 trial bottle and treatise. Dr. J. C. Kline, Ltd., 931 Arch St., Phila., Pa.

Within Her Rights.
"Madam, what is your age?" asked the lawyer.
"I decline to answer," responded the witness.
"On what ground?"
"On the ground that it would convict me of lying. I've always answered that question when not under oath."—Washington Herald.

You Can Get Allen's Foot-Ease FREE.
Write Allen S. Olmsted, Le Roy, N. Y., for a free sample of Allen's Foot-Ease. It cures sweating, hot, swollen, aching feet. It makes new or tight shoes easy. A certain cure for corns, ingrowing nails and bunions. All druggists sell it. 25c. Don't accept any substitute.

Classifying Him.
The pimply faced youth had thrown a pop bottle at the umpire.
A policeman grabbed him by the collar, jerked him to his feet, and removed his hat.
Then he took a tape line from his pocket and measured the fellow's head.
"Size 6," he said. "That lets you off this time, young man. But don't do it again, or back you go to the 'yilum for the feeble minded."
No more pop bottles were thrown from that particular section of the bleachers during that particular game.—Chicago Tribune.

How's This?
We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.
F. J. CHENEY & CO., Toledo, O.
We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligation made by his firm.
WALDING, KINNAN & MARVIN,
Wholesale Druggists, Toledo, O.
Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price 75 cents per bottle. Sold by all Druggists. Take Hall's Family Pills for Constipation.

The Quintessence of It.
"The gall of that fellow Stryker!"
"What's he done now?"
"Why, you know, he's a chronic borrower, and when I told him I'd have to stop loaning him money now that I had a wife, he went for me hammer and tongs for getting married at his expense."—Boston Transcript.

Logical Supposition.
Little Lloyd—Papa, was George Washington married to England?
Papa—Of course not, my son. Why do you ask such a silly question?
Little Lloyd—This book says England is our mother country, and as George Washington was the father of his country I supposed they were married.—Chicago News.



THE DAILY FLY KILLER destroys all the flies and affords comfort to every home—in dining rooms, parlors, bedrooms, and every place where flies are troublesome. Clean, new, and will not soil or injure anything.
Try them once and you will never be without them. If not kept by dealers, sent prepaid for 50c.
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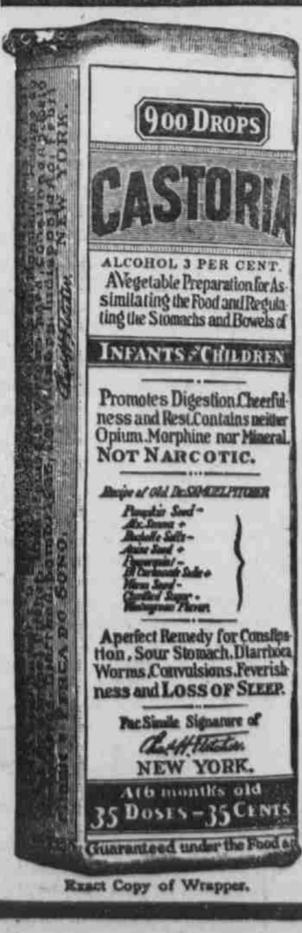
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