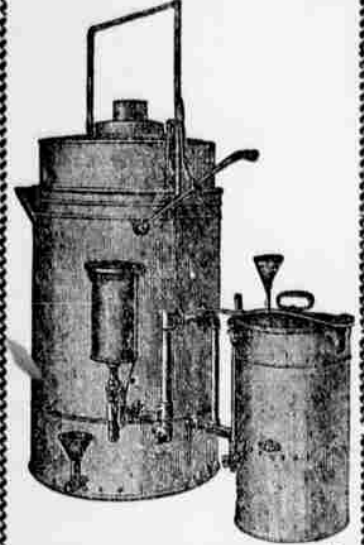


Gas Light for Country Homes.

Small country homes, as well as large ones, may be lighted by the best light known—ACETYLENE GAS—it is easier on the eyes than any other illuminant, cheaper than kerosene, as convenient as city gas, brighter than electricity and safer than any.

No ill-smelling lamps to clean, and no chimneys or mantels to break. For light cooking it is convenient and cheap.

ACETYLENE is made in the basement and piped to all rooms and out-buildings. Complete plant costs no more than a hot air furnace.



PILOT Automatic Generators

make the gas. They are perfect in construction, reliable, safe and simple.

Our booklet, "After Sunset," tells more about ACETYLENE—sent free on request.

Dealers or others interested in the sale of ACETYLENE apparatus write us for selling plan on PILOT Generators and supplies—It is a paying proposition for reliable workers.

ACETYLENE APPARATUS MFG. CO.,
157 Michigan Avenue, CHICAGO, ILL.

The Mid-Day Rest.

Don't neglect the 10 minutes' rest during the day, with the great relief it gives the whole body a fresh sense of repose and works wonders in smoothing out the lines on the face.

FITSPERMANNIUM used. No fit and nervousness after first day's use. Dr. Kline's Great Nerve Restorer, 32 cent bottle and treatise free. Dr. R. H. KLINE, L.L.D., 931 Arch St., Phila., Pa.

Coal has been discovered near Adrian, Okla. in the Transalva.

Telephones and Microbes.

The repeated complaints that telephone receivers and transmitters are a source of death-dealing disease germs caused a test to be made recently by a prominent physician. The transmitters and receivers of seven telephones located at widely different points, were put under the severest tests. The telephones are in constant daily use by people of all classes. The doctor expected to find thousands of germs, but he was agreeably surprised, as he did not discover a single one. At first he felt convinced that some mistake had been made, and he conducted a very thorough second test, with the same result. The tests were made at the instance of a woman patient who uses telephones a great deal. Notwithstanding the satisfactory showing, the physician advises that the receivers and transmitters of all telephones be washed and disinfected at least once a week.—Philadelphia Record.

Launching Japanese Ships.

When a Japanese ship is about to be launched it is suspended from the bow a huge cage, into which are crowded a score or more of birds. Just as the prow cuts the water the side of the cage is thrown open, and the vessel enters her native element with her prow crowned by a living garland of birds, whose free flight through space is emblematic of the spirit of the ship.

WRONG SORT

Perhaps Plain Old Meat, Potatoes and Bread May Be Against You For a Time.

A change to the right kind of food can lift one from a sick bed. A lady in Welden, Ill., says:

"Last spring I became bedfast with severe stomach trouble accompanied by sick headache. I got worse and worse until I became so low I could scarcely retain any food at all, although I tried every kind. I had become completely discouraged, had given up all hope and thought I was doomed to starve to death, till one day my husband trying to find something I could retain brought home some Grape-Nuts.

"To my surprise the food agreed with me, digested perfectly and without distress. I began to gain strength at once, my flesh (which had been flabby) grew firmer, my health improved in every way and every day, and in a very few weeks I gained 20 pounds in weight. I liked Grape-Nuts so well that for 4 months I ate no other food, and always felt as well satisfied after eating as if I had sat down to a fine banquet.

"I had no return of the miserable sick stomach nor of the headaches that I used to have when I ate other food. I am now a well woman, doing all my own work again, and feel that life is worth living.

"Grape-Nuts food has been a godsend to my family; it surely saved my life and my two little boys have thriven on it wonderfully." Name given by Postum Co., Battle Creek, Mich.

There's a reason.

Get the little book, "The Road to Wellville," in each pkg.

FARM AND GARDEN



MILK AND VITALITY.

In his recent address to the Holstein-Erelian Association at Syracuse, N. Y., President Cortelyou of the association touched upon the vitality of cows and their milk. He said:

"The most important work of a public nature which, in my opinion will operate to advance the interest of owners of Holstein cattle, is the promulgation of a better knowledge among consumers of milk, of the dietetic value of the grade of milk produced by our cows. It is a well known fact that the offspring of those breeds of cattle whose milk is rich in butter fat are reared with the greatest difficulty. Such offspring appear to be deficient in vitality and especially subject to stomach and bowel troubles which are fatal in many cases; and it is now being more generally recognized by physicians and consumers that milk rich in butter fat is an improper food for young children and is deleterious in its effects and produces generally the same effects in human beings as in animals.

These results are now said by scientists to be due to several causes and primarily to the excess of fat in the milk, and in the case of children, particularly, are probably also due to the extraordinary character of the fat globules, which in these small breeds of cattle are extraordinary large, and entirely unlike those of Holstein milk which nearly corresponds with human milk in its solid contents.

It is also becoming widely recognized that the milk from the large and vigorous races of cattle specially Holstein's, possesses another quality, characterized by Professor Carlyle, as vitality, and that this quality is communicated to the consumer, whether man or beast. Thus we have large, strong, vigorous calves when reared upon Holstein milk, and puny, weak ones from those reared upon milk rich in fat; and human beings, fed upon milk possessing the characteristics of Holstein milk, are likewise healthy, strong and vigorous.

The investigations of the Storrs Connecticut Agricultural Experiment Station, as published in bulletin No. 31 wholly confirm these assertions and I commend this bulletin to you as worthy of most careful study.

Professor Carlyle was right in affirming that "there is such a thing as vitality in milk and that it is of equal, if not greater importance than its chemical composition, especially for the milk supply of cities, and there can be no question but that the vitality of the animal producing it—Indians Farmer.

HOW TO INOCULATE FOR ALFALFA.

Prof. Hopkins, of Illinois, one of the most distinguished soil experts of the country, advises in inoculating for alfalfa to use at least 100 pounds of inoculated soil to the acre. The soil should be scattered over the field, he says, with some degree of uniformity, but it is not like seeding grain, and it is not absolutely essential that every square yard in the field should receive its due portion of infected soil. Some care should be taken in spreading it over the higher places in the field, but if places should be missed on sloping land or on lower lands the bacteria will soon be carried over them by the surface drainage waters. Indeed, if all the watersheds in the field—that is all ridges and high places—are well inoculated the entire field will ultimately become infected, the bacteria being carried by soil washing, but the infection is more rapid of course, if the infected soil is spread over the entire field with some degree of uniformity when it is first applied.

If possible, the soil should be applied at about the time the alfalfa seed is sowed and then harrowed in with the seed, but it may be applied a month or two before sowing the alfalfa or at any time afterwards and it is not absolutely necessary that it be harrowed in, although that is advisable.

If applied to a field where the alfalfa is already a year or two old the infected soil may be mixed with the soil of the field by harrowing or disking (the disks being set straight, so as to cut off the alfalfa roots).

The infected soil may be applied in any way to get it over the field—as by hand (throwing it from the wagon), with an equal gate seeder, if the soil is dry enough and sufficiently well pulverized or in any other way which may be found convenient.

HILLSIDE BROODER HOUSE WITH FLOOR.

The Connecticut station brooder house is described by F. H. Stoneburn, which has proved very success-

FARM TOPICS

SHEEP AS SCAVENGERS.

A sheep is not a scavenger in the sense that the pig is. They will pass through a pasture or a field filled with all kinds of weeds, eating of this and that by way of variety, or as a tonic to their systems. The dandelion, which is so abundant in our pastures, is relished by sheep, and they will scarcely let any of it go to seed, so diligent are they in eating it down. Most weeds are somewhat bitter to the taste, and the liking for what is bitter seems to be a peculiarity of the sheep, which often leads it to eat plants that are poisonous if allowed to run where poisonous weeds grow. It has been stated upon pretty good authority that sheep have been poisoned by an overdose of cherry, peach and almond leaves, all of which contain prussic acid, and are poisonous when eaten in any considerable quantity.

VALUE OF A SLED.

A sled is more convenient for many uses of the farm than a wagon. Every farmer should have at least one two-horse sled capable of bearing heavy loads and about two one-horse sleds for hauling light loads. There are many forms of sleds, some very costly—all serviceable. One cheap form is made from two planks (about 2 or 3 inch) 1 foot wide and about 10 feet long for a two-horse sled, 6 feet for one-horse. Cross pieces about 6 feet long may be nailed across the top for bunks, and standards for box may be nailed on or mortised into the runners and the sled drawn by means of a chain fastened to the top of runners. The runners should be well sloped up in front and if shorter bearing is wanted may be sloped at both front and back. If soled with old wagon tires it will last a long time. All sleds should be made wide, as a narrow one is easily upset.—A. N. Horn, in The Epitunist.

USING THE SKIM MILK.

Much of the skim milk which is fed on the farm is given without much idea of its value or what it should accomplish. It is a by-product of the farm, and the main idea seems to be to feed it and get it out of the way. In our experience the best results in feeding it come from a combination of grains, except when it is fed to poultry. In this feeding several interesting experiments have been made, and the conclusion reached that the egg return is best when the grain is fed by itself. The skim milk is invariably fed in the morning about 10 o'clock, and we have had the entire flock of poultry come in from the range for their feed of skim milk.

In the winter we feed the warm mash in the morning, mixing it with a mixture of equal parts of water and skim milk; at 10 o'clock we give them skim milk in the trough, trying to dole it out so that each bird will get a couple; at noon we feed the whole grain in the litter in the scratching shed, and at night whole grain again, arranging it so that three or four supports out of the seven are of whole corn heated in the oven and fed nearly hot. For swine the best results come from making a mixture of finely chopped vegetables, middlings and enough skim milk to make the mass like porridge. In the summer this is fed cold, and in the winter as warm as the swine can swallow it.—Indianapolis News.

GOSLINGS PAY WELL.

Young goslings should be put on a lot where the grass is vigorous and tender, and should be given besides all the meal and shorts they will eat and some meat scraps. They are allowed to run in a half-acre lot until the flight feathers reach the root of the tail, then they are kept in a small enclosure with some shade and fed for about three weeks all the corn meal with one quart of meat scraps that they will eat in the morning and whole corn at night. They have all the water they will drink and a box of clear sharp sand.

When ready for market, they should be dressed carefully with the head on and leaving the flight feathers and about half the neck unpicked. They should bring from eighteen to twenty-five cents per pound and average nine pounds each. A goose that will lay fifty eggs a season is almost as profitable as the average cow. An extra profit is the feathers which amount to about seventy cents per ten goslings.—Massachusetts Ploughman.

A HANDY CONTRIVANCE.

To hold cow's tail while being milked, string a wire above and a little back of the cow and then take three or four short wires about 20 to 24 inches long and make a hook on each end, one small one to go on the wire and the other to hook on the tail.—Etna Burgess, in The Epitunist.

The Word "Jinrikisha."

The word jinrikisha comes from three Japanese roots, jin-riki-sha, meaning respectively man, power, carriage, but it is not of Japanese origin. So recently as 1870 the inconvenience of the slow, lumbering two-wheeled carts turned the thoughts of English residents to the ease with which the hardy natives could propel a lightly constructed vehicle, and one was invented, some say by a missionary, others by a newspaper proprietor's son. Ever since then the heavy carts have been entirely displaced with.

The population of Chicago is now 2,272,700 people.

Tomfoolery



COLLEGE HUMOR.

Willie saw some dynamite. Couldn't understand it quite; Curiously never says; It rained Willie seven days.—Princeton Tiger.

CAUSE OF THE TROUBLE.

Miss Justin—"Do tell me! What is the newest thing in swell gowns?" Miss Tartan—"Why, dear, you are."—Chicago Tribune.

ANOTHER DANGEROUS STAGE.

Medical Student—"What is the surest sign of convalescence?" Old Practitioner—"When the patient begins to make love to his nurse."—Town Topics.

HIS WAY OUT.

Fond Mother—"Well, Mr. Criticus, what do you think of Mary's voice?" Mr. Criticus—"Astonishing volume, madam! Its volume is simply wonderful."—Somerville Journal.

AT 11 P. M.

Mr. Borem—"Everything sticks so this humid weather." Miss Patience—"Is that the reason you can't pull yourself away, Mr. Borem?"—Cleveland Plain Dealer.

NO ROOM FOR DOUBT.

White—"Why do you think Smith looks upon marriage as a failure?" Gray—"I heard him say not long ago that he would never go to the penitentiary for bigamy."—Detroit Tribune.

CLEAR AS MUD.

Mrs. Clingwater—"Josiah, what is the meaning of the word 'quinox'?" Mr. Clingwater—"It comes from 'equus,' horse, and 'noxi,' bad. Bad for horse. Will you never learn to use your own mind?"—Chicago Tribune.

DECLINED WITH THANKS.



Her Father—"I regret to say, young man, that circumstances over which I have no control compel me to decline your offer for my daughter's hand." The Young Man—"What circumstances are those?" Her Father—"Yours."—Pick Me Up.

NO TIME TO EXPLAIN.

"You have quit complaining about the price of meat." "Had to quit," answered the industrious citizen. "I am kept so busy hustling for the price that I no longer have time to complain."—Chicago Journal.

A RABID VIEW.

"Now, professor," said Miss Kay, "you know something of human nature; at what age does the average man of intelligence marry?" "Dotage!" promptly replied the crabbed old fellow.—Philadelphia Press.

FELINE.

Tess—"Do you like the cut of my new skirt?" Jess—"Very much." Tess—"Do you, really?" Jess—"Yes, indeed, I had three just like it when they were in style."—Philadelphia Press.

COUNTING THE COST.

Bacon—"Do you believe that time is money?" Egbert—"Certainly I do." "Well, if you had a dollar watch, and had to wind it up for a week, how much would a dollar watch cost?"—Yonkers Statesman.

A GENTLE REMINDER.

Mrs. Blue—"My husband is so tired hearing about coal bills that I don't dare mention it to him again and we're all out. What shall I do?" Mrs. True—"Let him freeze for a while and he'll think of it himself."—Detroit Free Press.

SUFFICIENT CAUSE.

"Subbu's house was all lighted up last night," said the first suburbanite. "Yes," replied the other, "they were celebrating a silver jubilee." "Nonsense they haven't been married twenty-five years." "No, but they have had one cook for twenty-five days."—Philadelphia Press.

AN EVIL BLUNDER.

"I made a serious mistake to-day," said the doctor. "What was it?" queried the druggist. "I charged a stranger \$2 for a consultation," answered the M. D., "and after paying it he said he fully expected to pay \$10."—Columbus Dispatch.

THE TURN OF LIFE

A Time When Women Are Susceptible to Many Dread Diseases—Intelligent Women Prepare for It. Two Relate their Experience.

The "change of life" is the most critical period of a woman's existence, and the anxiety felt by women as it draws near is not without reason. Every woman who neglects the care of her health at this time invites disease and pain.

When her system is in a deranged condition, or she is predisposed to apoplexy, or congestion of any organ, the tendency is at this period likely to become active—and with a host of nervous irritations, make life a burden. At this time, also, cancers and tumors are more liable to form and begin their destructive work.

Such warning symptoms as sense of suffocation, hot flashes, headaches, backaches, dizziness, palpitation of the heart, sparks before the eyes, irregularities, constipation, variable appetite, weakness and incontinence, and dizziness, are promptly heeded by intelligent women who are approaching the period in life when woman's great change may be expected.

These symptoms are all just so many calls from nature for help. The nerves are crying out for assistance and the cry should be heeded in time. Lydia E. Pinkham's Vegetable Compound was prepared to meet the needs of woman's system at this trying period of her life. It invigorates and strengthens the female organism and builds up the weakened nervous system. It has carried thousands of women safely through this crisis.

For special advice regarding this important period women are invited to write to Mrs. Pinkham at Lynn, Mass., and it will be furnished absolutely free of charge.

Read what Lydia E. Pinkham's Compound did for Mrs. Hyland and Mrs. Hinkle: Dear Mrs. Pinkham—"I had been suffering with falling of the womb for years and was passing through the Change of Life. My womb was badly swollen, my stomach was sore, I had dizzy spells, sick headaches, and was very nervous. Lydia E. Pinkham's Vegetable Compound Succeeds Where Others Fail

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Mrs. A.E.G. Hyland

"I wrote you for advice and commenced treatment with Lydia E. Pinkham's Vegetable Compound as you directed, and I am happy to say that all those distressing symptoms left me and I have passed safely through the Change of Life, a well woman. I am recommending your medicine to all my friends."—Mrs. Annie K. G. Hyland, Chestertown, Md.

Another Woman's Case. "During change of life words cannot express what I suffered. My physician said I had a cancerous condition of the womb. One day I read some of the testimonials of women who had been cured by Lydia E. Pinkham's Vegetable Compound, and I decided to try it and to write you for advice. Your medicine made me a well woman, and all my bad symptoms soon disappeared.

"I advise every woman at this period of life to take your medicine and write you for advice."—Mrs. Lizzie Hinkle, Salem, Ind.

What Lydia E. Pinkham's Vegetable Compound did for Mrs. Hyland and Mrs. Hinkle. It will do for any woman at this time of life.

It has conquered pain, restored health, and prolonged life in cases that utterly baffled physicians.

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