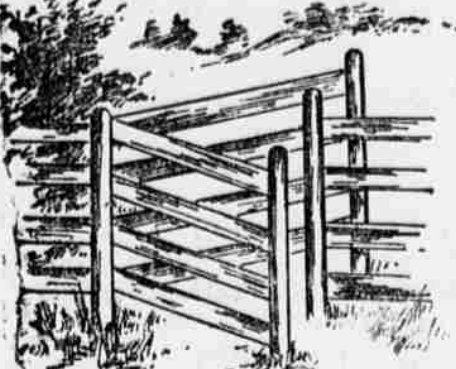


AGRICULTURAL



Gate for Pasture Fence.
It is always desirable to have some sort of a gate in the pasture field fence, but it is not always easy to build one that is at once stock-proof and easy to operate when necessary. The arrangement as shown in the illustration is not in reality a gate, but a passageway, so placed that the stock cannot get through, but through which a person may readily pass. No explanation of the plan is needed, for it is plainly shown by the illustration. This fence may be arranged so as to provide a double gate by hinging the open portion



STOCK PROOF PASSAGEWAY.
In the foreground so that when closed the post will come in snugly against the fence post, and be held in place by a wire loop dropped over both posts; then the gate in the background should also be placed on hinges, so that when closed it will lap over against the fence about two feet, and be held in place by a staple and hook.

Dehorning Cows and Calves.
There has always been more or less argument over the question of dehorning, and while it may be admitted that the process is painful, and, in the case of an adult animal, causes a shock to the nervous system, it is not at all likely that the young calf suffers more than momentary pain, and the process certainly does not injure the animal in any way. The process of preventing the growth of the horns on the young calf is to take the animal when it is three or four weeks old, and after locating the embryo horn with the finger, rub the spot for a minute or two, or until it gets quite red, with a stick of caustic potash, which may be bought at any drug store. The potash should be moistened slightly, but not enough so that it will run, for it will take off the hair wherever it touches it. Wrap the end held in the hand with a cloth, to prevent burning the hand. The work is quickly done, and if thoroughly done, the horns will not grow. It is generally considered that the age named—about a month—is nearer the right time than earlier, and the work should never be attempted with potash after the calf is six or eight weeks old or after the button has assumed much prominence.

A Promising Plum.
Many plum growers are disappointed that no varieties of hybrid plums are on the market this year that originated the grounds of Luther Burbank, of California, that prince of hybridizers. There is, however, a variety that is extremely promising, a seedling—as yet unnamed—from Golden, one of the best of the hybrid plums. It is said that Mr. Burbank is experimenting with crosses which will produce varieties suited for the far North. Two, at least, of the hybrids from this source, the Golden and the Wickson, have proved valuable in any section where the plum can be grown successfully, and if this list can be extended, plum growing will again become one of the profitable branches of fruit culture.

Why a Horse Eats Often.
The horse can conveniently eat for twenty hours out of the twenty-four. A horse which is in good health has a good appetite at all times and is able to stand plenty of work and is rarely on the sick list. To be a good feeder, especially on a journey, is a great recommendation in the opinion of every good judge of horseflesh. The reason of a horse being such a constant eater is that its stomach is really small in proportion to the size of its body, and therefore it requires feeding often, not less than four times a day, two of which should be early in the morning and at night, while hay should in the stall be always within its reach.—London Tit-Bits.

Sanitary Cow Stables.
As soon as the stables are cleaned sprinkle a quart of dust behind each cow, then add the absorbent, and if the owner will prevent the wet places about the stable and attend to keeping the bedding dry there is no reason why the stable should not be so sanitary that the finest and best milk in the

world can be made in it, the best products secured and the stable smells and tastes wholly eliminated.

Farmers at College.
A number of agricultural colleges report that many of the students taking the short winter course are men who are operating farms, many of them men who own the farms they work. This indicates that farmers are beginning to realize that they must keep up with the modern methods. It is frankly admitted that some of the more advanced methods in some lines cannot be adapted to all cases, but there is not a farmer in the country but who would give considerable if he had some knowledge of agricultural chemistry. Further, it is hardly probable that any intelligent man could attend one of the colleges for this short course and not learn enough on general lines to pay him well for the expense. One of the best fruit growers in New York State, a man who has made a comfortable sum for his work during the last dozen years, is taking the short course at Cornell College. He agreed that he knew considerable about fruit growing, but said that he was not so strong on agricultural chemistry as he should be and wanted more knowledge in this direction that he might know better how to use commercial fertilizers. He figured that he would be reimbursed for his expense in a single purchase of fertilizer, for the knowledge gained would enable him to buy more intelligently.

Winter Butter Making.
Cream for churning must at all times be kept above the freezing point or there is difficulty getting the butter. For small churning, where the milk is kept in pans, the method of a New York State prize butter maker is a good one to follow. Have a few extra pans and in each put a half pint of boiling water; then strain the milk into this pan, and so on with the other pans. These pans of milk should have the cream removed in ten or twelve hours and when a churning is ready set the quantity over a boiler of hot water and stir it occasionally. Keep it over the hot water until it tests 75 or 80 degrees by the thermometer. One of the other troubles in winter butter making comes from trying to churn the product of cows that are near calving, and this is particularly hard to overcome, indeed, unless a decided change can be made in the feed given the animal it will be useless to expect anything but trouble in churning. An increase in the bran portion of the ration and the addition of some green food will likely improve the consistency of the milk.

Two Farm Conveniences.
A handy way to carry swill is to take an old walking cultivator, take the beams off and fasten a couple of hooks on the tongue near the rear end, and take a small barrel and bore a couple of holes in its rim in which to hook on the hooks. Fasten the barrel, and one can either push or pull to where it is wanted.

Fodder Cutter.
A very handy fodder cutter and corn toppler can be made by using a light, stout bench or cutting box. Take two old plow lays and have them sharpened and made to act on the same principle as a pair of shears. One can be fastened to the lever and one to the bench or box. The illustration shows only one plow lay, and it is possible to do fairly good work with one lay.

Cow Pans for the Orchard.
While the usual plan of intelligent orchardists is the best under normal conditions—that of the shallow cultivation between the trees during the summer—there are times and certain conditions where the cowpans would be of the greatest value. Take, for example, soil badly run down; here cowpans, sown late in May or early in June, would be more valuable to the soil than summer cultivation, for they would add much-needed nitrogen to it and conserve the moisture in the soil quite as well as the summer cultivation. Then, if the tops were cut in the fall, early, the stubble and roots turned under and the ground sown to a cover crop, the result would be seen the following season. It is true that it might be necessary to cut the cowpans green, in order to get in the cover crop early enough, but even then the growth during the hot weather will have done the soil an immense amount of good.

Spreading Manure in Winter.
The Agricultural Department reports that its experiments with fodder beet followed by wheat in plowing under manure as soon as spread, or spreading it over the surface of the ground and letting it lie two months during the winter, the former method proved a saver of plant food. We never doubted that it would be so on certain soils, and do not feel sure that it would prove so on all. But we think the lesser labor of drawing out in winter, and the gain by having so much work done before the spring planting begins, more than equals the loss where the winter manure is not washed away by spring thaws or rains.

I Coughed

"I had a most stubborn cough for many years. It deprived me of sleep and I grew very thin. I then tried Ayer's Cherry Pectoral, and was quickly cured."
R. N. Mann, Fall Mills, Tenn.

Sixty years of cures and such testimony as the above have taught us what Ayer's Cherry Pectoral will do.
We know it's the greatest cough remedy ever made. And you will say so, too, after you try it. There's cure in every drop.

Three sizes: 25c, 50c, \$1. All druggists.

Consult your doctor. If he says take it, then do as he says. If he tells you not to take it, then don't take it. He knows. Leave it with him. We are willing. J. C. AYER CO., Lowell, Mass.

Pattern for Dinner Plates.
One of the favorite patterns in dinner plates is a wreath of deep red roses, with a border of lacy gold and a central medallion of white roses on a golden ground. Another design has a border of alternate gold medallions and pale blue medallion. In the center of the plate are soft pink roses. The center of the plate is pale blue encircled with gold and outside is a wreath of pink roses. White and gold, are also in vogue and always in excellent taste.

A Very Strong Letter.
In Farge, Wis.—Wm. T. Payne of this place has written a rather startling letter to the papers. He says: "I was in great pain across my back for four weeks, and was taking medicine from a doctor all the time, but it did not do me any good. "I bought a box of Dodd's Kidney Pills, and had not taken more than four or five doses before I noticed that they were doing me good. "They helped me right along, and I kept on using them till I had used four boxes, when the pain left me altogether. One box of Dodd's Kidney Pills has done me more good than five dollars' worth of doctor's medicine. "This remedy has certainly worked wonders in my case, and I feel it my duty to give it the credit due."

You Can Get Allen's Foot-Ease FREE.
Write to-day to Allen S. Olmsted, Le Roy, N. Y., for a FREE sample of Allen's Foot-Ease, a powder to shake into your shoes. It cures tired, sweating, damp, swollen, itching feet. It makes new or tight shoes easy. A certain cure for Corns and Bunions. All druggists and shoe stores sell it. 25c

Chaffers Brought to Time.
The French chamber of deputies has agreed upon a bill imposing a maximum penalty of two months in prison and a fine of 500 francs for any bicyclist or chauffeur of an automobile who attempts to escape after causing an accident.

Twentieth Century Medicine.
Cascarets Candy Cathartic are as far ahead of ancient pill poisons and liquid physic as the electric light of the tallow candle. Genuine stamped C. C. C. Never sold in bulk. All druggists, 10c.

Are Your Clothes Faded?
Use Red Cross Ball Blue and make them white again. Large 2 oz. package, 5 cents.

The only gem which cannot be imitated is the opal. Its delicate tints cannot be simulated.

John E. Snyder and wife, of Parkersburg, W. V., have been married twenty-one years, and have eighteen children, and among them are four sets of twins.

When poverty comes in at the door, we meanders away back and disappears.

Two bottles of Piso's Cure for Consumption cured me of a terrible cough.—Fred Herman, 290 Box avenue, Buffalo, N. Y., Sept. 24, 1901.

Among the vessels that touch a long Kong the English flag leads, followed by Germany, Japan, France, China, America, in the order given.

When a girl begins her social career, after completing her education, she finds the world far different from what she expected. The school room is one thing, the world another. She may have been popular with her teachers because she was a diligent scholar, and carried off the honors of the school. But she finds that book knowledge does not make her popular or successful socially. Some of the most intellectual people we have known have been among the most disagreeable. A woman whose nature is aggressive, who parades her knowledge before those of inferior education, is an object to be dreaded. Mere learning in a woman is never attractive. It is, on the contrary, offensive, unless coupled with feminine graces. School learning should sink into the character and deportment, and only exhibits itself as the perfume of a flower is exhibited—in a subtle, nameless, and unobtrusive manner. A woman's intellectual acquisitions should not make her talk like an orator in daily life—they should simply make her conversation gracious and agreeable. Mathematics should render her mind clear and her judgment true; her geographical studies should teach her that the world is too small for falseness to find a hiding place; and history should impress her that life is too short for unworthy ambitions. The time between the schoolroom and the altar should not be a mere harvest time of pleasure, but a sowing time for all the seeds of kindness and self-sacrifice for others, and of unselfishness and benevolence which alone can make her a happy wife and mother.

The Russian emperor and all members of the imperial family, being officers of the army, are always dressed in uniform, with their trousers inside their top-boots.

The professional shopper is employed in London in a different capacity than her American sister her work in connection with one large firm savoring of detective service with clerks as the individuals to be watched and reported. The firm in question owns over thirty large shops and employs nearly 1,000 clerks. It is the business of the professional shopper to find out whether every customer is politely served by visiting the different shops putting the clerks to every inconvenience and frequently leaving without making a purchase after looking at nearly everything in the shop. If the clerk's temper does not prove equal to the strain and she answers in the fashion of the American shop girl under similar circumstances she is reported to headquarters and dismissal is apt to be the result.

Military Schools Get a Notice.
Adjutant General Phisterer of the New York National Guard has discovered an old law forbidding the imitation of chevrons and soldier straps used by the militia, and has notified the various military schools of the state that they must abandon the practice.

Old Joe, the Night Watchman.
(From the Pall Mall Gazette, London.)
How often on returning home late on a dreary winter's night has our sympathy gone out to the poor old night watchman as he sat huddled up over his cage fire, overlooking the excavations which our City Council in their wisdom, or otherwise, allow the different water companies to make so frequently in our congested streets. In all weathers, and under all climatic conditions, the poor old night watchman is obliged to keep watch over the companies' property, and to see that the red lights are kept burning. What a life, to be sure; what privations and hardships; no wonder they have aches and pains, which nothing but St. Jacobs Oil can alleviate.

"Old Joe" is in the employ of the Lambeth Water Works. He has been a night watchman for many years, in the course of which he has undergone many experiences. What with wet and cold, he contracted rheumatism and sciatica, which fairly doubled him up, and he began to look a serious matter for old Joe; it looked extremely doubtful if he would much longer be able to perform his duties, on which his good wife and himself depended for a livelihood; but as it happened a passerby, who had for some nights noticed Old Joe's painful condition, presented him with a bottle of St. Jacobs Oil, and told him to use it. Old Joe followed the advice given; he crawled home the next morning and made his wife rub his aching back with the St. Jacobs Oil a gentleman gave him," and immediately his wife did rub, for when Old Joe went on duty at night he met his friend and benefactor, to whom he remarked: "From Old Joe's you gave me, Guv'nor, did give me a doing, they was like pins and needles for a time, but look at me now, and Old Joe began to run and jump like a young colt. All pain, stiffness and soreness had gone, he had been telling everybody he met what St. Jacobs Oil had done for him. Old Joe says now he has but one ambition in life, and that is to always be able to keep a bottle of St. Jacobs Oil by him, for he says there is nothing like it in the world. St. Jacobs Oil serves the rich and the poor, high and low, the same way. It has conquered pain for fifty years, and it will do the same to the end of time. Simple facts like the above tell an honest tale with which nothing on earth can compare.

Policemen Praise Pe-ru-na.

As a Reliable Specific for the Ills Incident to the Vicissitudes of Their Occupation.



John E. Ptacek, Assistant Superintendent of Police of Chicago, Ill., writes:
"I used Peruna for a very severe case of nasal catarrh, and am glad to inform you that it has accomplished a complete cure. I have no hesitancy in recommending it to others."
JOHN E. PTACEK.

Officer A. C. Swanson writes from 607 Harrison street, Council Bluffs, Iowa, as follows:
"As my duties compelled me to be out in all kinds of weather I contracted severe cold from time to time, which settled in my kidneys, causing severe pains and trouble in the pelvic organs. "I am now like a new man, am in splendid health and give all praise to Peruna."
A. C. SWANSON.

Michael O'Halleran, Lieutenant Sergeant of the Summerdale Station Police Department, writes from 1903 W. Monroe street, Chicago, Ill.:
"Several of the officers of our station have good reason to praise Peruna. Several times when they spent hours in the rain and came in

No person in Russia is allowed to marry more than five times; and no person over eighty years of age is permitted to marry.

Brooklyn, N. Y., March 26th.—The Garfield Headache Powders are successful. Why? Because THEY CURE A HEADACHE! They act quickly and surely; they never harm or in any way derange the system; they are not enervating; they ARE genuinely good. You will be glad to try them; send to Garfield Tea Co., Brooklyn, N. Y., for sample Powders; carry them always with you—an envelope fits the pocket.

Crocodiles, like ostriches, swallow small stones and pebbles for the purpose of grinding their food, to make it more easily digestible.

There is more catarrh in this section of the country than all other diseases put together, and until the last few years was supposed to be incurable. For a great many years doctors pronounced it a local disease, and prescribed local remedies, and by constantly failing to cure with local treatment, pronounced it incurable. Science has proven catarrh to be a constitutional disease, and therefore requires constitutional treatment. Hall's Catarrh Cure, manufactured by F. J. Cline & Co., Toledo, Ohio, is the only constitutional cure on the market. It is taken internally in doses from 10 drops to a teaspoonful. It acts directly on the blood and mucous surfaces of the system. They offer one hundred dollars for any case it fails to cure. Send for circulars and testimonials. Address: F. J. Cline & Co., Toledo, O. Sold by Druggists, etc. Mail's Family Pills are the best.

Miss Versa Hollenbeck, at the age of sixteen, is an enthusiastic evangelist of the Holiness Christian Church and is the pastor of a congregation at Sullivan, Ind. Her extraordinary eloquence and zeal have been the means of converting many persons.

drenched, a severe cold has followed which it seemed impossible to throw off until one of them tried Peruna, and found the finest remedy for a cold that a man would want. "Since then we have used it for colds, catarrh, influenza and other complaints following in the wake of inclement weather, and we all feel well pleased with Peruna."
MICHAEL O'HALLERAN.

If you do not derive prompt and satisfactory results from the use of Peruna write at once to Dr. Hartman, giving a full statement of your case, and he will be pleased to give you his valuable advice gratis. Address Dr. Hartman, President of the Hartman Sanitarium, Columbus, Ohio.

EARLIEST RUSSIAN MILLET.
Will you be short of hay? If so plant a plenty of this peculiarly prolific millet. 5 to 6 Tons of Rich Hay Per Acre. Price, 50 lbs. \$1.00; 100 lbs. \$2.00. Loss Freight. John A. Sargent Seed Co., La Crosse, Wis. O

The carrying of firearms in Russia is only permitted after an official investigation of the character of the person who requests the privilege. His name and the number of the weapon are recorded. Should he afterward desire to dispose of the weapon he must notify the authorities and cause the transfer to be entered on the public records.

WEATHERWISE AND OTHERWISE!
WHY DON'T YOU WEAR TOWER'S FISH BRAND SLICKER AND KEEP DRY!
BEWARE OF IMITATIONS. LOOK FOR TRADE MARK. CATALOGUES FREE. Showing Full Line of Garments and Hats. A. J. TOWER, BOSTON, MASS.

PISO'S CURE FOR CONSUMPTION
CURES WHERE ALL ELSE FAILS.
Best Cough Syrup. Cures Croup. Use in time. Sold by Druggists.

ALABASTINE

Alabastine, the only durable wall coating, takes the place of scaling, kalsomines, wall paper and paint for walls. It can be used on plaster, brick, wood or canvas.

Alabastine can be used over paint or paper; paint or paper can be used over Alabastine. Buy only in five pound packages, properly labeled; take no substitute.

Many ailments, particularly throat and lung troubles, are attributable to unsanitary wall coverings. Alabastine has endorsement of physicians and sanitarians.

Alabastine packages have full directions. Anyone can brush it on. Ask paint dealer for tint card. "Alabastine Era" free. Alabastine Co., Grand Rapids, Mich.