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Home bread-makers everywhere prefer it

The best way to learn to cook—begin making bread.

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THINK of what you could produce on a farm of virgin fertility, without the burden of high-acreage cost. Think of what 20-to-40 bushel wheat would mean to you under these conditions, and of dairying and stock raising on cheap pasture land. Land pays for itself in a few crops—no artificial fertilizer—no heavy investment. You have envied the farmer who got his start when land was cheap. Here's your chance, perhaps your last chance, for the same brand of prosperity.

Western Canada—Your Opportunity!

Western Canada is the farmer's land of opportunity. Thousands of settlers who started not many years ago with little or nothing, are today the owners of fine farms, with comfortable homes and barns, thoro'bred stock, dairy herds—all the marks of prosperity. Yet land is not dear—only $15 to $20 an acre for rich, virgin, prairie convenient to railways. Land is not dear in Western Canada—yet—because there is so much of it. But many settlers are expected in 1923, and now is your opportunity, before the best farms are taken. Get started. Taxes are reduced, not raised, on land brought under cultivation. On farm buildings, improvements, machinery, personal effects, automobile, etc., there is no tax at all. Canada wants workers—it wants its land farmed—and the farmers, through their municipal councils, have practical control of all local taxation.

Special Excursion Rates to Western Canada

In order that you may inspect the land—see for yourself — judge of its value and fertility — special excursion trips of inspection will leave United States points on the first and third Tuesday of each month. Single fare plus $2 for the round trip, available from all principal centers. Take advantage of these low railroad rates to inspect for yourself the opportunities which Western Canada has to offer you. Seeing is believing. The nearest Canadian Government Agency will give you all information. The men in charge are Government officials, interested only in the service of the prospective settler. We help you find your opportunity. Let us know something of your position and receive free book with maps and information how special railroad rates can be arranged for a trip of inspection. Mail the coupon.

Free Homesteads are still available in some localities.
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IT SPANS THE WORLD

Important to Chorus Girls.

"And what does the story of the prodigal son teach us?" asked the superintendent.

"It teaches how to get the fatted calf," answered a boy at the foot of the class.—Boston Evening Transcript.

Photographed Bones.

As an improvement on the finger-print method of identification a French criminologist makes X-ray photographs of finger tips which include outlines of the bones and nails.

WHY TAKE LAXATIVES?

Discovery by Science Has Replaced Them.

Pills and salts give temporary relief from constipation only at the expense of permanent injury, says an eminent medical authority.

Science has found a newer, better way—a means as simple as Nature itself.

In perfect health a natural lubricant keeps the food waste soft and moving. But when constipation exists this natural lubricant is not sufficient. Doctors prescribe Nujol because it acts like this natural lubricant and thus secures regular bowel movements by Nature's own method—lubrication.

As Nujol is not a medicine or laxative, it cannot gripe and, like pure water, it is harmless and pleasant.

Nujol is used in leading hospitals. Get a bottle from your druggist today.—Advertisement.

The Less the More.

Husband—Dear me. Another dress? Wife—But it's only a little one, dear.

Husband—Well, it's my experience that the less there is of your frocks the more they cost.

RETAIN QUALITY OF MILK SUPPLY

During Warm Weather Every Means Must Be Taken to Prevent Contamination.

FLIES AND DUST INJURIOUS

Producer Should Have All Manure Heaps Removed and Fill in All Low Places—Important That Plant Be Kept Clean.

(Prepared by the United States Department of Agriculture.)

Summer is the most strenuous season for those engaged in the dairy business, both producers and distributors, and at the same time greater responsibility rests on the consumer to keep the milk or cream wholesome after it has been delivered. Great care is necessary at all seasons to supply safe and pleasing products, but during warm weather every means must be taken to prevent contamination and keep down the temperature, from the time milk is drawn from the cow until it is consumed. The presence of flies and dust, and the rapid multiplication of bacteria due to heat, are the chief summer difficulties.

Where Responsibility Rests.

The responsibility for a good, clean, palatable product rests almost equally on producer, distributor and consumer, says the United States Department of Agriculture in calling attention to the importance of preventive measures, many of which may be taken at once on farms and in milk plants.

There are many ways in which the milk producer may prepare to meet the adverse conditions of summer, says the department. To reduce the number of flies and keep the cows clean he should have all the manure heaps removed this spring. Low places in the yards may be filled in to prevent the formation of puddles. Screens should be repaired before flies arrive. Fly traps and poison, if used early in the season, will help to reduce the number of the pests later in the summer. Sterilizing equipment and coolers should be in good condition, so there will be little danger of their being out of use at any time during the hot weather. It is particularly important that dairymen sterilize strainer cloths, often a prolific source of contamination.

Milk distributors are urged to prepare for the danger months by giving the plant and surroundings a thorough cleaning, by fixing the screens, painting, machinery and fixtures so that it will be easier to keep them clean, replacing worn parts, and making sure of a plentiful supply of ice. The dealer is also reminded that he can do a great deal to improve the milk supply by urging producers to take precautions against contamination and to provide for rapid cooling.

Important Work of Consumer.

The consumer can do his part in a number of ways. The most important, perhaps, is the taking in of the bottles from the doorstep before the milk or cream has become warm. The next thing is to keep it cold until the time for use. The more milk is poured from one container into another the more chances for contamination, and for that reason it is best to keep it in the original container until all of it is used. The cap should be kept on the bottle or the contents should be protected by covering the bottle with an inverted tumbler. The consumer will help a great deal by cleaning the bottles and returning them promptly to the dealer. Milk bottles should not be used for anything except milk or cream, as it is very difficult to rid them of foreign odors and tastes. It goes almost without saying that a clean refrigerator is an important factor in keeping milk good-flavored and wholesome.

WAR ON MANY INSECT PESTS

Control Work Centers About Securing Parasites Which in Themselves Are Not Harmful.

Control work against many insect pests centers about securing insect parasites which in themselves are not injurious. In the effort to obtain beneficial species of parasites to aid in the fight against the gipsy and brownTail moths, the bureau of entomology of the United States Department of Agriculture sends its scientific assistants to Europe to import, breed, and colonize beneficial European parasites of these two insects in this country. Parasites of the gipsy moth are also obtained from Japan and shipped here to be propagated and distributed. Other parasites procured in Japan have been found useful in checking the Japanese beetle. The last shipment of these parasites arrived in December, 1922.

PUREBREDS GAIN IN KANSAS

Increase in Sires and Females Secured by Farmers Through Efforts of County Agents.

Altogether 396 purebred sires and 275 purebred females were secured by farmers in Kansas through the efforts of county agents, according to the annual report to the United States Department of Agriculture of the county agent leader of the state of Kansas, covering the year 1921. Two hundred and seventy-five scrubs were replaced by purebreds, 152 purebred herds were started and 1,117 animals were sold at 23 association sales held by the 21 livestock improvement associations formed to support the better-sires campaign. A total of 250 meetings were held in the 18 counties which were active in the work, with an attendance of 4,995 farmers.

Land for Raspberries.

Land that is to maintain raspberries for a number of years, should be made fertile before the plants are set, since time is gained by having them make a good growth the first year.

ROUNDED INLET WILL HELP PIPE CAPACITY

Efficiency of Culverts Increased by Modification.

Opening With Sharp Corners Retards Flow of Water—Smooth Entrance Well Worth Considering in Building.

(Prepared by the United States Department of Agriculture.)

The water-carrying capacity of a culvert pipe can be appreciably increased by merely rounding the inlet end, according to tests conducted by the bureau of public roads, United States Department of Agriculture. These tests were conducted in the hydraulic laboratory of the State university of Iowa and indicate that a comparatively inexpensive modification in the installation of pipe culverts will considerably increase their efficiency.

It is a well-known fact that an opening with sharp corners retards the flow of water. The curved entrance does not need to be large to be beneficial. Simply filling and rounding the groove at the bell end of a vitrified pipe with cement mortar will increase the capacity. The same result can be secured with any kind of pipe by placing the end a few inches back from the face of the head wall instead of setting it flush and rounding the concrete so as to form a bell-mouthed entrance. Such an arrangement is particularly effective when the entrance to the culvert is submerged and greater capacity is needed.

From actual tests made on a pipe flowing full of water it was found that the bell end of a sewer pipe at the entrance increased the capacity 10 per cent over that of a pipe of the same size with a sharp-cornered entrance. Filling in the bell end and rounding to an elliptical shape with mortar caused an additional flow of 2 per cent or 12 per cent more than the sharp-cornered entrance. This increase in capacity is due to the elimination of the cross currents and eddies set up by a square-end entrance.

Water will enter a pipe culvert in greater quantities when guided smoothly by a rounded entrance than when retarded by eddies. The slight modification of a pipe culvert entrance by merely rounding the inlet end is well worth while, considering the greater capacity obtained and the small increase in cost of construction.

TO INCREASE POTATO YIELD

Gains of Over Thirty One Bushels to the Acre Reported From Ohio By Spraying.

When the actual increases in the potato yields of 62 Ohio farmers who sprayed their spuds were checked, they were found to average 31 bushels to the acre. This checks pretty closely with the experience of 32 others who kept figures in 1921, averaging 31.6 bushels to the acre increase.

According to L. H. Parks, of Ohio State university, the increase in yield varied from none to 97 bushels to the acre, or from none to 107 per cent. Out of a total of 100 tests only four have failed to show an increase due to spraying, and 30 of the tests showed gains of over 50 bushels per acre.

In net cash returns these Ohio growers had an average increase of $30.28 per acre.

The experience of these men also illustrates the importance of thoroughness.

"Four applications showed the highest net gain from spraying," reports Mr. Parks. "A distinct relation appeared between gain in yield and thoroughness of spraying. To prevent hopper burn, which is a chief aim of the spray, the under sides of the leaves must be thoroughly drenched.

GOPHERS HARMFUL TO TREES

Feed Upon Tender Roots and Cut Off Entire System—Poison Gives Good Results.

Pocket gophers are frequently very bad in orchards. They will feed upon the tender roots, in fact, will cut off the entire root system so that one can pull the tree right out of the ground and often find that the main root has been chewed to a sharp point. Root vegetables, sweet potatoes, carrots, raisins, etc., poisoned with strychnine and placed in their runways will generally give good results. Frequently gophers can be drowned out where irrigation water is available.

PLANNING FOR POTATO CROP

Selection and Treatment of Seed Should Be Careful to Avoid Various Diseases.

The selection and treatment of seed potatoes should receive strict attention. Each year the potato crop suffers from the ravages of such potato disease as black leg, common scab, dry rot and black scurf. When selecting seed, it is desirable first of all to make sure that it comes from clean sources. A bushel of disease-free potatoes grown on clean land has a decided value over seed which is of uncertain origin.

BE LIBERAL WITH POTATOES

Extra Amount of Seed Will Make Most Profitable Returns When Crop Is Harvested.

It is important to allow plenty of seed to the acre when planting potatoes. While in many cases a planting rate of seven to ten bushels per acre gives a good yield, it is almost certain that a rate of 12 to 15 bushels of seed per acre will return the extra seed several times. When seed is relatively cheap as much as 18 bushels of seed per acre may profitably be used.

Sudan Grass for Pasture.

Sudan grass can be used for pasture. It is a warm weather crop.

FARM STOCK

SCRUB BULL IS UNPOPULAR

Recognized by Farmers as Great an Obstacle to Progress as Bovine Tuberculosis.

(Prepared by the United States Department of Agriculture.)

While the scrub bull cannot strictly be classed as an animal disease, he is achieving similar unpopularity. Farmers in many sections of the country have recognized the scrub bull to be as great an obstacle to progress as bovine tuberculosis, have placed him in the same class, and the two are being driven out together.

The state of West Virginia is making a strong drive against both. On January 1, 1923, approximately 3,000 herds in the state, containing 35,000 cattle, were under supervision for the eradication of bovine tuberculosis. On that date a law went into effect making it unlawful to use the scrub bull, stallion, jack, boar or ram which is not purebred, for public service for pay. As evidence of sentiment in support of the law, in one day recently the bureau of animal industry of the United States Department of Agriculture received enrollments from 100 live stock owners in West Virginia who placed their live stock operations on a strictly purebred basis by enrolling in the nation-wide "Better Sires—Better Stock" campaign.

A group of Pennsylvania dairymen recently urged the enactment of a purebred law for their state, and in the same resolution pledged themselves to furnish tuberculin-tested purebred sires to the dairymen of their county at reasonable prices.

Three of the five states most active in better-sires work since the beginning of the campaign have more than 10,000 herds each under supervision for the eradication of tuberculosis, showing that the county-unit crusades against these two enemies of good live stock are going along side by side.

Secretary Wallace further condemned the scrub bull when he decided that federal funds appropriated to reimburse farmers for cattle destroying for the tuberculin test would no longer be paid for scrub bulls.

Dr. J. A. Kiernan, who has been in charge of the tuberculosis-eradication work of the federal government since the beginning of the work, recently endorsed the better-sires movement by heralding himself and agreeing to use purebreds of good quality in all his breeding operations. Doctor Kiernan was given emblem No. 9334.

Officials of the United States Department of Agriculture have observed that any great improvement along one line of live stock work in a community or state is usually accompanied or closely followed by general progress along many lines. Each successful project lends encouragement to other worthy projects. One of the latest developments is a general demand from farmers interested in the better-sires movement for some constructive help from the department along the line of better live stock feeding. Improved quality in live stock stimulates a desire among live-stock owners for knowledge of improved methods of feeding. The department is preparing to render such a service, which will be in the form of simple rules for better feeding, leaving to other agencies detailed advice concerning problems peculiar to the different parts of the country.

ATTENTION TO YOUNG LAMBS

Animals Should Be Given Run of Clean Yard and Plenty of Exercise Is Needed.

Young lambs should be given the run of a dry, clean yard. If they can get plenty of exercise, very little trouble from constipation will be experienced. However, in cases of constipation, which will cause the lambs to become listless and hump-backed, give 1 or 2 teaspoonfuls of castor oil and if this does not afford relief give a rectal injection of warm, soapy water or glycerine and water.

LIVE STOCK NOTES

Clean farrowing pens and clean sows will save your pigs.

• • •

It is important that the ewes get a moderate amount of exercise.

• • •

The only trouble about sheep is that more farmers do not raise them.

• • •

Weak pigs are almost sure to result when the sow is kept on a feed of corn alone.

• • •

Pigs that get plenty of sunlight are less likely to get sick than those that do not.

• • •

Exercise is an essential item for pigs. If they are permitted to lie in their nest and grow fat, they are apt to contract thumps.

• • •

Care must always be taken that pregnant ewes are not chased by dogs or jammed through narrow gates or doors as any rough treatment will cause a large per cent of loss of lambs and perhaps of ewes.

• • •

The marketing of undocked lambs is poor business as it greatly affects the price that buyers are willing to pay for them.

• • •

The early lambs are the most profitable, but the production of such lambs requires considerable experience and the best equipment.

• • •

Scrub cattle can be supported profitably only when there is cheap food, cheap land, cheap labor and good markets. And we defy anybody to find that combination.

Children Cry for

Fletcher's CASTORIA

MOTHER! Fletcher's Castoria is a harmless Substitute for Castor. Oil, Paregoric, Drops and Soothing Syrups, especially prepared to relieve Infants one month old to Children all ages of

Constipation — Wind Colic
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Aids in the assimilation of Food, promoting Cheerfulness, Rest and Natural Sleep without Opiates

To avoid imitations, always look for the signature of Chas. H. Fletcher.
Proven directions on each package. Physicians everywhere recommend it.

Rust Takes Huge Toll.

Of the world's output of iron and steel during the 90 years from 1830 to 1920, approximately about 600,000,000 tons were lost by rusting. Taking the average yearly output for that period as 31,000,000 tons, and the average yearly wastage as 11,000,000 tons, the depreciation due to rust was more than one-third of the output.—Exchange.

Cuticura for Sore Hands.

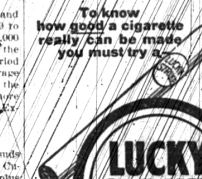
Soak hands on retiring in the hot suds of Cuticura Soap, dry and rub in Cuticura Ointment. Remove surplus Ointment with tissue paper. This is only one of the things Cuticura will do. Soap, Ointment and Talcum are used for all toilet purposes.—Advertisement.

New Complexities.

"John, our maid is leaving us because we don't like the things she likes."

"Good heavens! It's got so that one has to consider not only a girl's preferences but her preferences as well."—Boston Evening Transcript.

To know how good a cigarette really can be made you must try a—



At the Circus.

Geraldine—"Won't you just love us, Ferdie?" Gerald—"No. I never had the spotted fever."

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for Economical Transportation

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Modern, progressive farmers, being also business men, now depend on fast cheap motor transportation to save time, save products and get the money.

Chevrolet Superior Light Delivery, with four post body was built especially for farm needs. It has the space and power for a big load, which it moves fast at a very low cost per mile.

For heavy work, Chevrolet Utility Express Truck at only $575, chassis only, offers remarkable value. Fits any standard truck body.

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Superior Light Delivery	510
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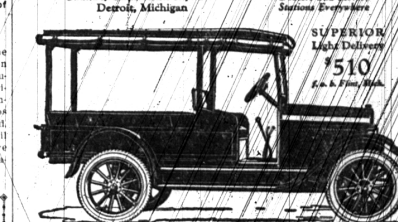

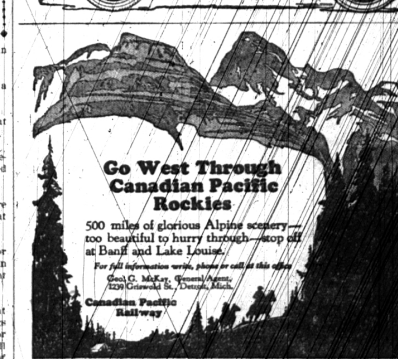

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It's easy to shine with the Home Set. "The Shine for Mine."