given to a size
Grange Pekoes
yet the finest
koe Sealed in
per ½-lb.

Farm Notes

FINISHING BEEF CATTLE

It is impossible to market the best kind of beef-producing cattle unless the proper type of steer is given the right kind of feed an finish. Many Ontario feeders raise a few steers and supplement these by purchasing a few others. Then there are some who concentrate upon finish, purchasing stockers for this purpose. The cheap or common feeder, one that is inferior in breed and type, is nearly always a loser. Steers of good breeding and type should always be bought in preference to the inferior. They will cost a few cents more, but they will make full use of their feed and produce results.

Fattening cattle thrive better running loose in a pen than when tied in stalls. Steers to be fed loose must be dehorned.

The advantage and process of dehorning are fully discussed in Pamphlet No. 21 of the Department of Agriculture at Ottawa.

In deciding upon feeds for steers it should be kept in mind that the success of the ration depends upon its palatability, variety, digestibility, succulence and nutritive quality. In consideration of these points dry roughages, succulent roughages, and grains are the three classes of feeds to use.

The legume hays are the most important in the dry roughage class. Feeds balanced with legume hays give good results. Clover, alfalfa and sweet clover hay are the most common in Ontario. Of the succulent roughages corn ensilage is the most satisfactory. Corn is the best grain followed by barley. Oats are a better grain for growing than for fattening. The economy of or profits to be obtained from beef feeding depends upon the amount of home-grown feeds available. Roughages and grain can be grown, which leaves only the high-grade rich protein concentrates to be purchased.

BUTTERMAKING ON THE FARM

There is still a great many farmers who are not within reach of a well-managed creamery, and as a result they make their own butter. This results in a variable product that tends to lower the quality of the whole output. The main defects in dairy butter as compared with creamery butter are bad flavor, staleness, too many shades of color and unsuitable packages.

To get the best results in farm dairy work it is necessary in the first place to have good cows, liberally and properly fed, and their quarters clean and comfortable. The cream skimmed should be about 30 per cent. fat and kept cool. The churning temperature should be such that the churning will be completed in from 25 to 30 minutes. Clean pure water is essential for the washing of the butter, the temperature of the water being not more than three degrees colder or warmer than the buttermilk. Full information on the speed of the churn, washing and salting the butter, and other necessary points are covered in Bulletin No. 57 of the Department of Agriculture at Ottawa.

Quite often a package sells an article, and butter is no exception. A neat, clean, attractive package will attract the consumer and result in sales. A clean and attractive dairy is an essential. Excellent butter is made on many farms, but the general quality of this butter could be raised by the exercise of more care, which would result in a greater consumption and greater returns for the farmer on all butter marketed.

WATER AND THE FARM WELL

Residents in rural districts as a rule have reason to congratulate themselves that they have their own wells. Without any particular proof—they think the water from these wells is pure. In the majority of cases it is, but it is better to be sure than sorry. If the water has never been tested it ought to be, and the Dominion Department of Agriculture, through its Division of Chemistry offers a service which is free. Instructions on collecting and shipping will be supplied on application to the Experimental Farm, Ottawa.

The waters of Canada's lakes streams and springs are of the purest. The danger lies in local sources of contamination. The farmer who locates his well beyond the possibility of local contamination and puts down a deep drilled or bored well, largely solves his own problem.

The source of greatest danger is the shallow well, from five to thirty-five feet deep, which merely collects ground water, the soakage from the surrounding soil.

BARNYARD MANURE

Applying all the manure made on the farm at the right time and in the right place lessens man labor, increases yields per acre, and lowers cost of production per ton or bushel. Manure should be hauled to the fields day by day from fall to spring, and if the snow is not too deep disturbed broadcast; if the snow is too deep put it in small piles through the fields.

Handling in this manner is an economy in manure, labor and time. Manure piled in the barnyard results in a loss of plant food and humus forming material, which will go into the soil if the manure is handled as suggested.

The chief losses in piled manure around the buildings are soluble nitrogen and potash compounds. Organic matter, with its nitrogen, is also destroyed through fermentation, or heating, as the action is usually called.

It has been found that manure in large heaps or piles, in the course of the three coldest months, January, February and March, lost, chiefly through excessive heating, 60 per cent. of its organic matter and nearly 30 per cent. of its nitrogen.

It has been proved by much experimental work carried on by the Department of Agriculture at Ottawa that unless there is special reason for using rotted manure the sooner one gets stable manure while still fresh into or on to the soil the better, Bulletin No. 92, available at the Publications Branch of the Department, which covers the whole subject of manure and fertilizers, states that fresh manure is better suited for heavy soils while rotted manure is best for sandy loams.

POULTRY BREEDING RECORDS

The live stock breeder knows that he will not get very far in his business unless he breeds well-bred stock, and further, in breeding such stock, he must know exactly what he is doing. If he wishes to correct some defect in individuals he selects sires that are liable to give him progeny that does not have the particular defects he is trying to avoid. The whole matter of breeding is on a very definite plane, and there is now no groping in the dark. Farmers no longer believe that the color of their barns influences the color of their calves.

The poultry man has of late years been gradually applying the rules of breeding to his stock. This refers to the breeder whose chief concern is eggs. The fancier has, of course, always been a scientific breeder. The introduction of Registration and Record of Performance for Poultry has put the industry on a very definite pedigree breeding footing. Matings cannot be made to reproduce with any degree of certainty the desirable characteristics required unless there is available very accurate information regarding the performance of the parents and their ancestors.

Complete history is necessary to intelligent mating.

The poultryman who is anxious to commence pedigree breeding will get many helpful suggestions from Bulletin 103 of the Dominion Department of Agriculture, new series, entitled "Poultry Breeding Records," prepared by Mr. George Robertson, and now available for distribution.

USING SCALES ON COWS

Cow testing is a simple plan of finding out just what return each cow makes for the feed and labor expended on her. It is a common-sense, logical system, for every dairyman needs to know definitely, judging by actual weights, not by ordinary external appearances, which are his best cows, and also what profit each one makes. The principle at the base of building up a good dairy herd must always be, make each cow in the herd pay a good profit.

The monthly yield of any cow can easily be calculated by weighing and recording the milk on at least three days per month, at intervals of ten days, as the 1st, 11th and 21st, both morning and evening. Samples should be taken of each of the six milkings and kept in a numbered bottle, with suitable preservative, for testing once a month to learn the percentage of fat in the milk. Each cow should be numbered and have her own sample bottle. The total of the weights on the three days when multiplied by ten gives very closely the yield of milk for the month. The yield of fat can be found by multiplying the total weight of milk by the test and dividing by one-hundred. Thus, if the six weights on the three days are 15 and 14, 15 and 14 the total 86, multiplied by ten, gives 860, which is the calculated yields of milk for the month. If 860 be multiplied by 3.5 (supposing that to be the test of the composite six samples) the result divided by one hundred is 30.1 which would be the calculated pounds of fat for the month.

According to Circular No. 20, "Cow Testing", of the Department of Agriculture at Ottawa, it is better for many reasons to weight the milk daily, morning and evening.

Profit in dairying depends upon each cow in the herd. It is not fair to charge the loss from one or two poor cows against the profit from five or six good cows.

Issued by the Director of Publicity, Dominion Department of Agriculture, Ottawa.

Cheap Money

Lord Beaverbrook in the London Sunday Express (Ind.): The Chancellor of the Exchequer shoul insist at once on cheap money. Cheap money means cheaper production and a cheaper selling price for our exported goods. It therefore means bigger sales aboard and more employment at home. This boon to industry and employment is within the gift of the Chancellor any day. Just as he has been a party to the policy of dear money ever since he came into office, with consequences written in red ink in the unemployment figures, so he can be a party to a policy of cheap money and manufacturing prosperity to-morrow. Mr. Churchill has only got to unturn a screw to flood the industrial areas with employment.

Minard's Liniment for Chapped Hands.

New Jobs For Girls

FIRST RACE FOR WOMEN JOCKEYS AT TANFORAN

It was the Hillsboro Town Plate. From left: Jockey Donna Gown, Hazel Deaget who presented the trophies; Lorena Jockey, winner of the race, and Paris Williams, who rode third.

OWL LAFFS

BY O.W.L. (OH WITH LAUGHTER)

There is a new pa[illegible] "lemons." When [illegible] a young man car[illegible] girl and squeezes [illegible] the other girls look[illegible]

An immodest gi[illegible] aware that you are [illegible] aware of her legs, a[illegible]

It isn't difficult [illegible] then to wear clothe[illegible] any news photograp[illegible]

The slogan, "No [illegible] you," probably orig[illegible] stallment houses, w[illegible] most of the content[illegible] lope direct.

The words aren't [illegible] logna" is pork; "Bo[illegible]y" is bull.

For having the g[illegible] thing of its size [illegible] safety razor.

A young chap i[illegible] chine that hands [illegible] ette for a penny. [illegible] pects many puffs [illegible] pers.

Nobody is even [illegible] weather and the no[illegible]

The marriage c[illegible] more question: [illegible] when she's fat?

MAKES [illegible] DIFF

It makes no diff[illegible] Of voile, george[illegible] For when it's fini[illegible] There's just as [illegible]

Accidents will h[illegible] why there are so [illegible] ads.

"You lovely cr[illegible] raved. "What wo[illegible] said just one litt[illegible] "I'd [illegible] returned the compl[illegible]

In a small town [illegible] out this sign: "[illegible] No Substitutes Ar[illegible] Man With a Wood[illegible]

Did you ever [illegible] people know the [illegible] are to make it ki[illegible]

A chicken fan[illegible] who buys eggs ar[illegible] the same grocer.

The work of a [illegible] ple is like the [illegible]

Life would be [illegible] only put those [illegible] on letter boxes.

is one who is [illegible] are that she's [illegible] does not care.

teach the hea[illegible] They don't see [illegible]

tal can touch [illegible] ed with the in[illegible] re now getting [illegible] the pay enve[illegible]

[illegible]pymous. "Bo[illegible]" is bull.

est pull of any[illegible] nominate, the [illegible]

nvented a ma[illegible] lighted cigar[illegible] turally he ex[illegible] n the newspa[illegible]

ased with the [illegible] or's new house.

[illegible]ony needs one [illegible] you love her [illegible]

is made [illegible] or thin pongee, [illegible] and put on [illegible] dress to see.

[illegible]en. And that is [illegible] ny kinds of sal[illegible]

[illegible]ure!" the sheik [illegible] do if I should [illegible]

"Mighty dumb," [illegible] ery sheba.

[illegible] garage man has [illegible] Genuine Parts, [illegible] Good. Ask the [illegible] Leg. He Knows."

[illegible]ce that the less [illegible] people are anxious they [illegible]

[illegible] is a town man [illegible] chicken feed from [illegible]

[illegible] number of pe[illegible] moving pictures. [illegible]

[illegible] never if they'd [illegible] "No Bills signs [illegible]

Treaty May Affect Southern Rhodesia

Acting Premier South Africa Doubtful of Pact with Germany

Bulawayo, Sou[illegible] 2.—A determina[illegible] was expressed [illegible] Hon. P. D. Fly[illegible] Government of S[illegible] a speech here ye[illegible] the recently nego[illegible] between the Un[illegible] and Germany [illegible] most favored [illegible] was causing co[illegible] customs agreem[illegible]ion and Souther[illegible] tering the Uni[illegible]esia free of duty [illegible] that foreign g[illegible] Union on spec[illegible] they would be [illegible] Rhodesia under [illegible]

It would be th[illegible]ernment to find [illegible] treaty would a[illegible]esia as regard[illegible] whether it wou[illegible] Rhodesia claus[illegible]esia's constitut[illegible] Government int[illegible] declared.

The Rhodesia[illegible] stipulates that [illegible] to receive a le[illegible] than the goods [illegible]

[illegible] Rhodesia, Dec[illegible] to "buy British"

Acting Premier [illegible] treasurer in the [illegible]hern Rhodesia, is[illegible] day. He declared [illegible]ated trade treaty [illegible] of South Africa [illegible] giving Germany [illegible]on treatment and [illegible]n because under a [illegible] between the Un[illegible] Rhodesia goods en[illegible] night enter Rhod[illegible] if the position were [illegible] could enter the [illegible] favorable terms, [illegible] to enter Southern [illegible] same conditions.

[illegible]usiness of the Gov[illegible] whether the new [illegible] Southern Rhod[illegible] British trade and [illegible] prejudicial to the [illegible] Southern Rhod[illegible] which the present [illegible]ed to maintain, he [illegible]

[illegible]use he referred to [illegible]itish goods are not [illegible]avorable treatment [illegible] any other nation.

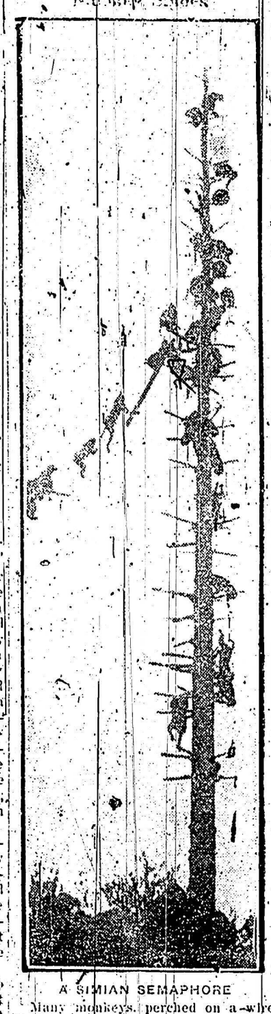
ST. VITUS DANCE

A Trouble That Usually Attacks Young Children

St. Vitus dance is the name generally given to a disease described by medical men as chorea. This trouble usually attacks young children, though older people may be afflicted with it. The most common symptoms are a twitching of the face and limbs. As the disease progresses the twitching takes the form of spasms, in which the jerking motion may be confined to the face or all the limbs may be affected. Frequently the patient is unable to hold anything in the hands or walk steadily. In severe cases the speech is often affected. The disease is due to debility of the nerves and relief comes through an enriched blood supply. Dr. Williams' Pink Pills have been most successful in reaching this trouble through their specific action on the blood, which it enriches and purifies. The following instance proves the value of Dr Williams' Pink Pills in this trouble. Mrs. Thomas Bowen, Bath, Ont. says:—"Dr. Williams' Pink Pills have been in use in my family for years and always with good results. I believe they saved the life of my only son. At ten years of age he grew very nervous and the trouble developed into St. Vitus dance. His legs and arms would jerk and twitch then his speech was affected, and his condition was pitiable. Just then there came to me a little book telling of Dr. Williams' Pink Pills and I decided to give them to him. By the time two boxes were used there was an improvement in his condition and by the time six boxes more were taken all traces of the trouble had disappeared, and he was well and strong. I have also given the pills to my growing girls, and I know of no better strengthening medicine. I may add that the same applies to grown-ups as well."

You can get these pills through any medicine dealer or by mail at 50 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

Monkey Shines



A SIMIAN SEMAPHORE

Many monkeys, perched on a wire ladder attached to a dead tree form a sort of semaphore railway signal tower at the Milwaukee Zoo.

Don't Like Movies

Man-Eating Tigers Are Scared by Motion Picture Camera-Man

San Francisco.—Man-eating tigers of Siam have been subdued by American motion picture cameramen and the death toll from the animals has decreased 95 per cent. in the last three years, Dr. Douglas R. Collier, medical missionary, said when he arrived here from the Siamese jungles.

Dr. Collier, who has spent the last seven years in the "land of the ever-hungry tiger," returned on the liner President Taft to spend Thanksgiving Day with relatives here.

"Three years ago there were 100 deaths a year in my district of 20 square miles due to raids by tigers," Dr. Collier said. "The natives believe man-eating tigers are imbued with some holy spirit and that anyone who kills them will be visited by evil.

"Then the motion picture cameramen came into the jungle and trapped some of the beasts to photograph them. The animals immediately became fearful and went into seclusion. There are only five persons killed by them a year in my territory now."

Dr. Collier had to travel five days on horseback to the nearest railroad when he started his journey here.

Minard's Liniment for Asthma.

"Saving Subs" Test to be Made

Civilian and Naval Board Will Witness Experiments With New Boat's Devices

Washington.—Submarine rescue and escape tests will be conducted off New London and off Key West during the Winter months by the submarine S-4 and the new submerging submarine rescue ship Defender, which has been built by the Dennenhower & Luke Company of Bridgeport, Conn. and assigned to the Control Force of the fleet for exhaustive tests.

The S-4 since it was refloated off Provincetown has been equipped for experiments with submarine safety devices and is now at the Portsmouth Navy Yard. It will be available not only for general escape and rescue experiments but for such special purposes as the board of civilian experts and retired naval officers wish to utilize it in their survey of the entire field of submarine safety devices.

The Defender was recently launched and has undergone submergence tests satisfactorily to a depth of 137 feet. Unique in many respects, it is equipped with devices which, it is believed represent a marked advance in rescue operations. The vessel displaces 225 tons, is 92 feet 7 inches long and has a beam of 11 feet 3 inches. It is equipped with a diving compartment from which rescue work can be carried out beneath the surface.

The S-4 will be towed by the tender Falcon from Portsmouth to New London, where the escape and rescue tests will be conducted until Jan. 5. The submarine will then be towed to Key West by the tender Mallard for similar operations which will occupy until March 1. The S-4 will then be returned to Portsmouth.

"In general," the Navy Department announced, the tests in the vicinity of New London will consist of the ability of the Defender to employ divers in simulating rescue from a submerged pontoon in smooth and rough weather conditions, as well as in locating and attaching pontoons to the S-4 submerged. The tests in the vicinity of Key West will be made with escape apparatus rescue work and diving bells."

THOUSANDS OF MOTHERS USE NO OTHER MEDICINE

Baby's Own Tablets Are the Ideal Remedy for Babies and Young Children

Canadian mothers are noted for the care they give their little ones—the health of the baby is most jealously guarded and the mother is always on the lookout for a remedy which is efficient and at the same time absolutely safe. Thousands of mothers have found such a remedy in Baby's Own Tablets and many of them use nothing else for the ailments of their little ones. Among them is Mrs. Howard King, of Truro, N.S., who says:—"I can strongly recommend Baby's Own Tablets to mothers of young children as I know of nothing to equal them for little ones."

Baby's Own Tablets are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams Medicine Co., Brockville, Ont.

Spurns Bribe

London "Bobby" is Commended, His Would Be Corrupter Fined

For offering a bribe to a London "bobby" named Johnson, W. E. Murden was fined $125 with $25 costs at Bow Street Police Court on Nov. 12. The prosecutor described the case as one of great gravity "in these very censorious and critical days as far as the police are concerned. And I think that the magistrate will agree that the constable involved is to be very much commended for resisting the temptation which was undoubtedly thrown in his way."

In passing sentence on the delinquent the magistrate, dryly observed: "I should like to say that I entirely concur in the observations which have been made as to the extreme propriety with which Police Constable Johnson acted. He acted in a way in which one would expect a constable to act, and in which I am quite sure nearly every constable of the force would act in similar circumstances."

These circumstances as brought out in the evidence were as follows: The defendant blocked traffic in Coventry Street by selling cheap jewelry from a motor car. Johnson threatened to report him for obstruction and was walking away when Murden followed him and said: "Won't this square it?" and slipped two half-crowns ($1) into his hand. Thereupon Johnson said he would further report him for trying to "bribe justice." The defence was that the money was merely a tip which was quite customary in such cases.

Foot Ills

For aching feet, for chilblains and bunions, rub with Minard's. A sure relief.

MINARD'S "KING OF PAIN" LINIMENT

ISSUE No. 50—'28

VENO'S LIGHTNING COUGH SYRUP

Invaluable for NIGHT COUGHS BRONCHITIS ASTHMA

FAMILY SIZE TRIAL SIZE PER BOTTLE

Children love VENO'S Cough Syrup

Safe At Last

Singapore's Huge Floating Dock Tries Facilities of Suez Canal

The first part of the new floating dock for the new British naval base at Singapore, which left England in June and reached its destination according to a brief cable dispatch Oct. 12, had not been expected to arrive until Oct. 15. It had left Port Said on July 29 and there waited for the second part of the dock which arrived a fortnight later. The parts then entered the Suez Canal, traffic being stopped.

The passage of the whole through the canal, where there is only fifteen feet to spare on each side and where the dock was so exposed to the water as to be liable to be blown, was accomplished in three days. The parts, each towed by Dutch tugs, then proceeded safely, the second part reaching Singapore on Oct. 15. Into the entire dock, which is capable of holding the battleship, went 20,000 tons of steel with 3,500,000 rivets. The cost of the dock is $50,000; its cost including transportation, $60,000,000.

Advices from Port Said on the transit of the dock through the canal were unexpected by the world although usually ships pass through the canal in fifteen hours. In the year after the canal was opened the average time of passage was 18 hours, and the largest ship dated was one of 4,3[illegible] tons. In the year ended with a total of 436,609, which the canal collected to $5,584,000.

Do Speed Limits Insure Safety?

"It is yet to be proved that restrictions on speed limit have made for safety," says an editorial in the December issue of Successful Motoring. "The smaller the town, the more must autos run on its streets. Seldom a car or pedestrian is killed by a passing car. The faster the greater the danger. Speed up and get out of the way of the pedestrians, safeguarded by traffic signals. A jaywalker is a menace in this age of swift motor travel.

"Instead of speed limits there should be drivers' licenses issued to those who can prove they are competent and licenses should be withdrawn from careless drivers, those who are where they should not be, those who by their carelessness or incompetency endanger life and property, those who by their attention needed to the road and health of the state of [illegible]

Minard's Liniment for Grippe.

Ignorance, plus will, plus ability to learn, is a basis on which to [illegible] and satisfactory [illegible] ships than is known. A [illegible] even if all of them are [illegible] Harvey N. Davis, of Stevens Institute of Technology.

WHEN IN TORONTO

Eat and Sleep at

SCHOLES HOTEL

Cafeteria and Short Order

YONGE ST., Opposite [illegible]

Hotel Rates: $1 Per Day

Man as Critic

London Morning Post: Men have grown accustomed to see women looking nice. They like to have neat, trim, pleasant companions, employees, wives, daughters, friends. They like the women they like to be with them to be well [illegible] Yet they weed an [illegible] when women [illegible] are completely [illegible] it means in taste [illegible] argument for a woman [illegible] suitably and [illegible] these critics [illegible] as the wro[illegible] well dressed [illegible] hair fresh.

Naval Programs

London Daily [illegible] America is [illegible] with a complete [illegible] ultimate supply [illegible] already possesses a number of dreadnoughts, battleships and [illegible] of personnel. The [illegible] are well known to our readers and doubtless to the Navy Department. Washington also [illegible] understand how [illegible] suppose that Great Britain [illegible] to compete with [illegible] ahead of America [illegible] treaties.

Check Colds with [illegible]

The [illegible] is very [illegible] was the [illegible]

Classified A[illegible]

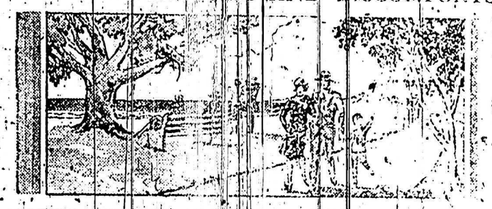
PAINT

STAINS

BUGS

Cuticura Soap is more than a fine soap

AVOID WINTER ILLS AND DISCOMFORTS



SPEND WINTER IN THE WARM CLIMATE OF THE SOUTH

The Gulf Coast

Rich in legend and history, luxurious hotels, apartments, cottages. The Pan-American Pullman train, leaves Chicago 10:20 A. M. daily and reaches Gulf Coast points next morning.

New Orleans

Every day is "holiday" every night is "carnival" in New Orleans. All sports. Historic shrines. Excellent hotels. World famous restaurants. Reached in less than 24 hours from Cincinnati via The Pan-American.

California

The most fascinating way to go abroad at home" is to follow the sun to the Pacific Coast. The Pan-American connects with finest western trains at New Orleans. Liberal stop-overs allowed. No extra fare.

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