

Agricultural News

P. E. I. Department of Agriculture

MARITIME WINTER FAIR

The next notable event in livestock circles is the Maritime Winter Fair which opens at Amherst on Saturday, October 30th and continues until November 6th. The Fair, which is Eastern Canada's greatest agricultural event draws the cream of livestock and field crop entries from the Maritime Provinces and affords exhibitors an opportunity of comparing their exhibits with those of others.

FEEDING POTATOES TO LIVESTOCK

Potatoes are more watery than most people realize, for they have less dry matter and less total digestible nutrients than well-cared corn silage. They are rich in starch, on the dry basis, but are very low in protein. They are also deficient in vitamins A and D. These lacks are made good when potatoes are fed with well-cured legume hay.

Potatoes are satisfactory for feeding to dairy cows, beef cattle, sheep, horses, swine and poultry in limited amounts as a substitute for grain or other low-protein feeds. It takes about 400 to 500 lbs. of potatoes to supply as much total digestible nutrients as there are in 100 lbs. of grain, and this is approximately the value of potatoes as a substitute for grain in stock feeding. Stated in another way, 100 lbs. of potatoes are worth about 22 to 25 per cent as much as 100 lbs. of grain.

Potatoes should be cooked for swine and poultry, but this is not necessary or profitable for other stock. Potatoes should be sliced or chopped before feeding to cattle or sheep, to make them more palatable and to avoid choking. Stock should be accustomed to potatoes gradually as they are not very palatable. Feeding too large amounts of raw potatoes may cause scours.

Unripe potatoes and especially the sprouts of stored potatoes contain small amounts of Solanine, a poisonous compound. It is therefore advised that in feeding badly-sprouted potatoes, the sprouts be removed. When dairy cows are fed reasonable quantities of sprouted, sunburned, or decomposed potatoes, and even potato sprouts along with other feed, there may be no injurious effect; nevertheless, because of reports of stock being injured by excessive amounts of potatoes, it is not wise to let them have access to an unlimited amount of either good or poor-quality potatoes.

DAIRY COWS: For dairy cows, potatoes are a satisfactory substitute for corn silage, being nearly equal to silage in value per ton when 24 to 40 lbs. are fed per head daily. However, potatoes are not so palatable as silage, and cows seem to lose their appetites for them after several months. Fed in such quantities, potatoes do not affect the flavor or odor of milk or butter, but milk or cream exposed to an atmosphere heavy with potato odor readily take it up. Potatoes should therefore be fed immediately after milking and not before. When a large allowance of potatoes is fed, there is a tendency for the production of soft butter. If potatoes are fed in a properly balanced ration, they do not dry up cows, as is sometimes believed.

BEEF: Cull potatoes have been used satisfactorily in place of corn silage for fattening beef cattle and beef breeding cows. When fed with good clover, hay, they have

been worth, on the average, about 80 per cent as much per ton as corn silage.

LAMBS: Cull potatoes are often fed to fattening lambs. The addition of cull potatoes to a ration of grain and legume hay, with or without a protein supplement, will usually increase slightly the gains of lambs.

HORSES: Horses may be fed potatoes, cooked or raw, in amounts up to 15 or 20 lbs. per head daily.

PIGS: When potatoes are fed to pigs as a partial substitute for grain in well-balanced rations, it requires about 400 lbs. of potatoes (weighed before cooking) to equal 100 lbs. of grain. For the best results in swine feeding, the proportion of potatoes should not be greater than 4 lbs. of potatoes to each pound of grain. It is best to add salt to the water in which the potatoes are cooked to increase the palatability. The potatoes should be cooked thoroughly, and fed should be discarded, as it is not palatable. Raw potatoes generally produce poor results when fed to swine.

POULTRY: Boiled or steamed potatoes are a satisfactory substitute for part of the grain for poultry. The cooked potatoes, after being mashed, may be mixed with an equal weight of the regular dry mash and fed as a warm, moist mash. When potatoes are added to the ration, it must be borne in mind that they are very low in protein, and that they do not supply vitamin A value. On the average, it takes approximately 450 lbs. of cooked potatoes (weighed before cooking) to replace 100 lbs. of dry mash in feeding broilers, growing pullets and laying hens. The results are good when care is taken to supply sufficient vitamins and protein in the potato rations.

FEEDING POTATOES SPECIFICALLY TO HOGS:

Potatoes should not be fed to hogs raw. They must be boiled. The solids in boiled potatoes bear a close relationship to barley and corn in carbohydrates and protein. Four hundred (400) lbs. of potatoes (weighed before cooking) have approximately the same feeding value as one hundred (100) lbs. of mixed grain. It is important, however, to feed potatoes in conjunction with grain and concentrate so that the entire feed is balanced; otherwise it is impossible to get that rapid healthy growth and proper finish essential to profitable hog raising.

Due to their bulky nature and high carbohydrate content, potatoes should not be fed until the growing pig weighs 75 pounds. At this time the growing pig has reached approximately 75 pounds, potatoes can be fed in fairly large quantities with excellent results. The following outlines the proper method of feeding potatoes when a suitable protein supplement is used:

For Growing Pigs 75 to 125 pounds:
 Potatoes 100 lbs. 500 lbs.
 Ground Mixed 100 lbs. 500 lbs.
 Grain 100 lbs. 500 lbs.
 Hog Concentrate 25 lbs. 125 lbs.

When the potatoes are raw, then boil until well cooked. Drain off the water and mix the ground grains and Hog Concentrate thoroughly with the boiled potatoes.

For Finishing Pigs from 125 lbs. to Market Weight:
 Raw Potatoes 400 lbs. 800 lbs.
 Ground Mixed 100 lbs. or 200 lbs.
 Hog Concentrate 25 lbs. 100 lbs.

When the potatoes are raw, then boil until well cooked. Drain off the water and mix the ground grains and Hog Concentrate thoroughly with the boiled potatoes. The change from your present feed to the above rations should be made gradually — at least a full week should be allowed to make the change.

Salt should be added to the water in which the potatoes are cooked and in amounts commonly used in boiling potatoes for table use. Too heavy use of salt for this purpose must definitely be avoided.

SHEEP PRODUCTION

Now is the time of year when sheep breeders should give some serious thought to the replacement of their breeding rams. In this

CITY & CENTRAL

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 JIMMY'S TAXI - Dial 7374
 1370 or 5252.

"YOUR DOLLAR BUYS MORE— at the HUGHES DRUG STORE."

FANCY WORK—Thursdays and Fridays, 17 Rochford Square.

KEBOENE Electric and Propane Gas Refrigerators, Bryenton and MacKay.

THE HUGHES Drug Store will be the only drug store open this afternoon and evening.

THIS IS BIBLE WEEK. — A Bible Society representative will call on you. Please give generously.

COATS AND SNOW-SUITS arriving daily. Reasonably priced, 3rd floor, S. A. McDonald.

HEAR Mr. J. G. Dennis speak on International Credit Union Day tonight over CFCY, 745 p.m.

"WE TREAT THE SICK WELL." Giggy's Pharmacy, open evenings 'till 8 o'clock.

DR. J. K. L. IRWIN will be absent from the POLYCLINIC October 18th to 29th.

GIRLS' STATION-WAGON COATS, sizes 6-14, priced \$8.35. Children's Department, 3rd floor, S. A. McDonald.

HEAR Miss Mary MacKenzie speak over CFCY tonight at 8.15 p.m. in the interest of Credit Unions.

NO MORE RAKING LEAVES. — Fertilize your lawn with a leaf Pulverator, adaptable to all Lawn Bag Rotary Mowers. Only \$3.00 at Douglas Bros. and Jones Ltd.

SUB-TEEN AND TEEN-AGE JUMPERS in corduroy, wools and washable plaid from \$6.95 to \$10.95. Teen-Age Department, 3rd floor, S. A. McDonald.

APPOINTED SUB-AGENT — Mr. Joseph A. MacIsaac, 44 Water Street, Charlottetown, wishes to advise he has been appointed Sub-agent by the Royal Securities Corporation Limited for the 9th Series Canada Savings Bonds.

NAME OMITTED — The name of Mrs. Angus MacEachern as accompanist for the "English Night" Entertainment at Hertz Memorial Hall on Monday night was inadvertently omitted in yesterday's issue. Among those who provided the entertaining were Frank Mill and Dick Turpin who sang a duet.

Personals

Mrs. Stephen Doyle has returned home, having spent an enjoyable holiday with her daughters, Ida and Mildred in Toronto.

Church of England Selling Properties

LONDON, (Reuters) — The Church of England announced Monday it will auction next month another 450 small properties scattered around the London suburbs to raise £120,000 for reinvestment elsewhere.

This comes within a month of the announcement of the biggest land sale in the church's history — some 65 crowded acres of tawdry tenements, shops and business premises in the northern Paddington suburb on which they hope to raise £2,000,000.

Church spokesmen said the deals are purely business transactions in accordance with the normal principles of real estate management.

Card Of Thanks

Mr. and Mrs. Michael Bulger and Family, wish to thank Clergy, Doctor, friends and neighbours for their help and kindness when it was most needed in our recent sad bereavement.

IN MEMORIAM

In loving memory of our Father, Gordon Senter, who passed away October 29th, 1945. Though absent you are always near, Still missed, still loved and ever dear.

Jean and Elva.
 connection, the reader is advised to take particular notice of an ad that appears in this issue of today's paper regarding the purchase of both Ram Lambs and Shearing Rams.

Ruhamah Scheinfeld Frank

We and Our Neighbors

AUTUMN

There are still scattered pools of gold in my garden but mostly the bright tapestries hang thin and tattered. A friend sighed and said, "It makes me sad."

Poets, who make articulate the emotions of less gifted folks, have written of this tendency to invest nature and especially the seasons with their own mood at the time. To the grieving heart even Spring can be an added hurt. We all know Robert Burns' poem, "The Banks of Doone."

"Ye hanks and braes o' bonnie Doon,
 How can ye bloom sae fresh and fair,
 How can ye chant, ye little birds,
 An' I sae weary, fu' o' care!"

Thou'lt break my heart, thou warbling bird,
 That wantons thro' the flowering thorn;
 Thou minds me o' departed joys,
 Departed — never to return."

Autumn probably more than any season has inspired mixed emotions in the poets. But perhaps sadness has been the prevailing note. Somewhere in our school days many of us had to learn the following lines, fortunate long before they could strike a responsive chord in our young breasts:

"The melancholy days are come,
 The saddest of the year,
 Of wailing winds and naked woods,
 And meadows brown and sere."
 (William Cullen Bryant)

The happier aspect of Autumn, its mellowness and fruitfulness, have of course also been celebrated.

"It was Autumn and incessant
 Piped the quail from shocks and

Young Married Couple Honored

A very pleasant evening was spent on Sept. 8th at the home of Mr. and Mrs. J. S. Horton of Bethel, when a large number of their friends and neighbors gathered to extend congratulations and best wishes to their son Lloyd and his bride.

After the crowd had been called to order and a few remarks made by Mr. Harold Carver, the bride and groom were escorted to the living room where a nicely worded address was read by Errol Lund and the presentation of a chest of Community silver was made by Norman Rankin.

Lloyd on behalf of his bride and himself thanked one and all for the lovely gift, and extended an invitation to visit them at their new home at Coldbrook, N. S., where he is employed by the Canadian Oil Company.

After singing, "For They Are Jolly Good Fellows" a delicious lunch was served by the ladies. The remainder of the evening was spent in singing some old familiar songs and in social conversation.

At a late hour all departed for their homes, wishing Lloyd and Doris the best of luck as they travel through life together.

WINSLOE NORTH W. I.

The October meeting of Winsloe North W. I. was held in the hall. The meeting opened by singing "Comin' thro' the Eye" and repeating the Institute Ode, which was followed by repeating the Creed in unison. Roll call was answered by 14 members and there was one visitor present.

It was decided that \$10.00 be given to the teacher to get books for the school. It was also decided to get cod liver tablets for a children in the district. Bills of \$2.15 for yarn and 50c for paper towels were paid. Mrs. Arnett Shaw and Mrs. Grant Laird were appointed to attend the Leadership course which is held in Parkdale Hall, November 29. Collection for the evening amounted to \$14.

Mrs. Grant Laird invited the members to her home for the next meeting. Lunch committee will be Mrs. Claude Crazwell, Mrs. Heath Crazwell and Mrs. James Cudmore. Programme committee will be Mrs. Walter Roberts. The meeting closed by singing "God Save The Queen" after which lunch was served by the committee in charge.

Chaplin Gives To Poor And Old

LONDON (AP) — Charlie Chaplin returned to Lambeth Monday where he lived in poverty as a youth and presented the mayor with a £2,000 cheque to help the poor and the old.

"I want it to go to the very lowly, the derelict, the old people as directly as possible," the comedian told a gathering in the town hall of his native borough in south London.

"I can think of no better way to distribute money that came from peace," he said. The money was part of a peace prize awarded him recently by the Communist-sponsored World Peace Council. He already has given a share of it to the poor in Paris.

SACRED CITY

Mecca, sacred to millions as the birthplace of Mohammed, is 65 miles east of the Red sea port of Jiddah.

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Protestant Orphanage Contributions

Missing from Fitzroy St. West, \$2.00 each: Canon E. G. Moffatt, Mrs. P. D. Williams.

Prince St. Hickey & Nicholson \$25.00
 Guardian Publishing Co., Ltd. \$25.00
 W. E. Bentley \$10.00
 P. J. MacDonald \$5.00
 Johnny's Tea Room \$5.00
 Elsie Nicholson \$5.00
 J. E. Worth \$5.00
 Miss E. L. Nicholson \$5.00
 E. D. Reid Produce \$5.00
 Mrs. Evelyn Cudmore \$5.00
 J. T. Martin \$5.00
 Mrs. I. J. Yeo \$3.00
 Beulah Munroe \$3.00

\$2.00 each: Duvall's Garage, Mrs. H. Warren, Mrs. L. B. Hunt, P. I. Andrew, Verna Darrach, Iphigene Arsenault, Dr. W. R. Carson, Gordon Maxwell, Annie Watson, Mrs. M. Crabbe, Hazel MacLean, J. H. Lohmes.

\$1.00 each: Mrs. L. W. Saunders, Mrs. W. W. Reid, Prince Beauty Parlour, Mrs. John Todd, Mrs. A. Henry, Mrs. Catherine Holland, Mrs. Stanley Matheson, Donald MacDonald, Mrs. M. C. Hynes, Lorraine Decoste, Mrs. Catherine MacFadden, Mrs. W. J. Storey, Charles McKarrie, A. G. Turpin, Mrs. L. Farrell, Mrs. Ross Affleck, Bill Hogan, Grace MacLean, Mrs. Edward Jollimore, Mrs. Albert MacDougall, Mrs. L. S. Webster, Mrs. Hugh MacKay, Miss Ethel Stewart, Mrs. Robert DeBlas, Mrs. William MacLean, Mrs. Willis Nicholson, Mrs. E. T. MacLeod.

50c each: Mrs. Wendall Profit, Mrs. Keith Cameron.

Health & Welfare Centre:

Dr. B. O'Meara \$5.00
 Mrs. O. W. Campbell \$5.00
 \$2.00 each: Dr. F. W. Jelks, Mariel Archibald, Shirley MacDonal, Bernice Rowland.

\$1.00 each: Dr. J. I. Higgins, Stanley MacNair, Shirley Arnear, Mrs. James E. Smith, Beatrice Cameron, Joan Rogerson, Mrs. J. E. Brown, Charles Ballem, Mona Wilson, Bessie Beer, Linda Leard, Juanita Campbell, H. J. MacDonal, Marjorie Cox, Shirley Nicholson, Claude Paynter.

50c each: Barbara Whitlock, Friends, \$1.15.

Up. Prince St. Col. G. E. Full \$25.00
 Est. of Mrs. John Williams \$10.00
 Sen. G. H. Barbour \$10.00
 Dr. H. H. Shaw \$5.00
 J. R. Finley \$5.00

\$2.00 each: James MacFadden, A. P. Finley, Mrs. R. B. Rogers, Mrs. Wonnacott, J. M. Jones, Mrs. Wendall Barbour.

\$1.00 each: Dr. H. J. Shaw, W. E. Massey, Mrs. F. Nash, H. R. MacNevin, Mrs. F. Y. Robertson, Mrs. J. Wheat, R. W. McGill, H. C. Acorn, John MacEwen, Mrs. K. Gillespie, D. D. Birt, Frank White, Mrs. Pooley, Mrs. J. G. Bennett, Mrs. Duncan McPherson, Mrs. K. Stewart, Mrs. George Chandler, J. B. White, D. A. Dunlop, J. T. Murtart, M. MacKinnon, Miss A. Connick, C. E. Walper, W. Martin.

50c each: Mrs. W. Spencer, S. H.

Strange But True

By F. H. MacArthur

The oldest plastic in the world is a lovestricken boy in the hands of a clever girl.

"Prayer Sanctuary. You are welcome regardless of race, color or creed. Enter in good faith."
 And upwards of 50 travelers accept that invitation every day. The tiny place of worship is part of Irwin Tucker's service station in a small town in South-Central Oklahoma.

Deeply religious himself, Tucker believes the drivers of cars have a better chance to reach their destinations in safety if they mix a little prayer with the fuel that goes into their cars.

The pint-sized chapel in his service station is complete with crucifix, Star of David, and a statue of our Saviour. While you are doing your praying, Tucker will take care of your car.

Tucker has observed people get out of their cars, walk around a bit, get a refreshing drink and then enter the little sanctuary. When they come out, they seem rested, more relaxed, and in better physical condition to hit the road.

In one day's check up of travelers, Tucker has spotted salesmen, truck drivers, ministers, and even hitch hikers slip into the little chapel for a moment of silent meditation and prayer.

The clergymen all around without exception and regardless of church affiliation, give the service station-sanctuary idea the green light. Transportation executives, traffic managers, ordinary commuters and what have you — all sing the praise to high heaven.

But the thing that gives Irwin Tucker the greatest measure of satisfaction is the fact that automobile accidents have been cut in half on that stretch of Uncle Sam's Highway No. 71, running through south-central Oklahoma.

The owner of this unique setup hopes that more travelers will stop for a few moments of prayer. For then, he believes, they will be more than ever convinced that the greatest safety device on any highway is stated in these lines:

HAS OWN STABLE

FREDERICTON (CP) — Lorraine Halldal, 14-year-old schoolgirl of Calais, Me., is the youngest harness stable owner in Maine and the Maritimes. Top Roy, one of three horses in her stable, has been out of the money only once in 27 starts.

CHATHAM, Ont., (CP) — Putting on the brakes to avoid a skunk on the highway, Marcelis Minschall suffered minor lacerations when his truck skidded into a fence. Damage to the truck was estimated at \$300. The skunk escaped.

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INTERNATIONAL CREDIT UNION DAY CELEBRATIONS

will be held at

MORELL:—

Wednesday, Oct. 20 at 8 p.m.—Memorial Hall
 Speakers, movies, entertainment.

SUMMERSIDE:—

Wednesday Oct. 20th at 6:30 p.m.—Banquet at Howard's Restaurant. Special speaker.

CHARLOTTETOWN:—

Thursday, Oct. 21st at 6:30 p.m.—Banquet at Clover Club. Special speaker.

FILM TO BE SHOWN

The Watch Tower Bible & Tract Society has produced a motion picture film, "THE NEW WORLD SOCIETY IN ACTION." The purpose of the picture is to give the public first hand information on how the organization works and its purpose. This film will be shown at St. Peter's Hall, St. Peter's Bay, on Friday, October 22nd, at 7:30 p.m.

The public are cordially invited. No admission charged, no collection taken.

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EGAD, MARTHA! DON'T YOU KNOW MY SCIENTIFIC MIND IS BUZZING DAY IN AND DAY OUT WITH MYRIADS OF ADVANCED IDEAS? ... CHOMP-CHOMP! CAN'T A WOMAN BE CONTENT UNLESS SHE SEES HER SPOUSE SWEATING UNDER A HOD OF BRICKS?