Agricultural News

P. E. I. Department of Agriculture

Export Prices

Cattle breeders are reminded that they need not expect to sell their surplus cows and in-calf heifers at pre-embargo price levels. Commercial beef cattle prices have dropped considerably in the U. S. since the embargo went into effect and the price of commercial beef cattle invariably affects to quite an extent the price of diary cattle. It has been estimated that U. S prices for dairy cattle have dropped from 15 to 25% (per cent) during recent months. This is evidence by the price paid at a number of sales in Vermont and New York States. But the main thing is that after the first of March there will again be an across the border outlet for surplus dairy cattle.

The news regarding the lifting of the U. S. Embargo must also have been pleasing to a considerable number of United States breeders who purchased cattle at leading Canadian purebred livestock sales, both beef and dairy cattle, during the past several months. So also must have been the announcement of the Canadian Department of Agriculture that purebred cattle from Scotland would be permitted to enter Canada after a period of quarantine in Northern Ireland. The latter order affects quite a large group of both Canadian and United States breeders who purchased Shorthorns and Aberdeen Angus cattle at the annual Scottish October sales.

During the past several years all cattle from Scotland destined for the United States have had to undergo two quarantine periods—one at Levis, Quebec, or Saint John, N. B., the other on a "Bonded Farm" in Canada—before being permitted to enter the U. S. It may now be that such shipments may be permitted to enter through an U. S. Port, if they come direct from Ireland. However, it may also be that the old procedure will be followed because the boats which carry such cattle usually come direct from Great Britain to Levis (or Quebec) in summer and fall and to Saint John, N. B., during the winter and early spring.

Hay Also

It may be wishful hoping, but some are of the opinion that while the embargo included hay, etc., the embargo on hay may be lifted before the first of March, such action would not only be a boom to Canadians with hay for sale but also to a large number of U. S. Livestockmen, in last seasons drought area. Let us hope, however, that there wil be a demand for last seasons hay after the first of March.

History Repeats

It might be said that the sale of Bapton herd is an instance of history repeating itself. Away back in 1889 when that great cattle breeding Quaker, Amos Cruickshank of Sittyton, Aberdeenshire, founder of the Scotch (or Scottish) strain of Shorthorns decided to retire he sold his entire Sittyton herd to James Nelson & Sons of Liverpool, England, for export to the Argentina. However, before that deal was consummated an Argentine Bank concerned in same became involved in financial difficulties. And so it was that a Scottish and an English Shorthorn breeder were able to respectively purchase most of the Sittyton shorthorn herd. The late William Duthie of Collynie, in Aberdeenshire purchased practically all the older cows and he was subsequently acclaimed as the greatest Shorthorn breeder of all time, next to Amos Cruickshank.

J. Deane Willis of Bapton Monor, Wiltshire, England, purchased all the yearling heifers in the Sittyton herd and two famous herd sires. And from then on the Banton herd became one of the greatest Shorthorn herds in Great Britain. On the death of J. Deane Willis a number of years ago the entire Bapton herd was first purchased by Sir Cecil Stubbs, and then on the latter's death, by J. W. Ranck and he moved it to Tonbridge, in Kent. The name Bapton went with each purchase. It therefore is that the present Bapton herd is almost entirely descended from the original Sittyton heifers and bulls. Moreover, it may be said to be the only present-day direct link with the original Sittyton herd.

Internal Parasites of Poultry

Many species of roundworms and tapeworms are found in the intestinal tract of poultry. When these parasites are present in large numbers they draw heavily on the nutritive juices, and the birds do not assimilate sufficent nourishment. Some worms attach themselves to the lining of the intestine, causing injury and some haemorrhage. The constant irritation sometimes thickens the intestinal wall to such an extent that the openings of the bile ducts are closed. When insufficient quantities of bile reach the intestinal contents digestion is incomplete and the bird is undernourished. Such changes obviously are more or less chronic and are never fully repaired, even though changes obviously are more or less chronic and are never fully repaired. even though the parasites are removed. Worms also secrete two kinds of toxins. One of these destroys red blood cells resulting in a pale condition of the skin, comb and wattles in heavily infested birds. The other poison affects the nerves. Its action is evidenced by a partial paralysis of the legs, blindness, or a twisting of the head to one side (wryneck). Worm infestations also render birds more susceptible to diseases.

Some intestinal worms are so small that they can barely be seen without the aid of a microscope. Others are several inches in length

The large roundworm has a direct life cycle, not requiring an intermediate host for its development. The female deposits its eggs in the intestine of the bird, and these pass out with the droppings. (It has been estimated that a single female worm of this species may lay more than 50 milion eggs.) Under suitable conditions of moisture and temperature these eggs become infective within 10 to 20 days, and, if picked up at this stage by a chicken or a turkey, will hatch in the intestine.

The minute, thread-like roundworms of chickens, turkeys and pigeons called capillaria worms also have a direct life cycle and the eggs which are passed out of the affected bird become infective from six to eight days. As a matter of fact this type of worm infected causes considerable and extensive damage to the bird.

There is another kind of round worm which is found in the ceca. These worms known as cecal worms are from three-tenths to a half inch in length and may occur in very large numbers. However, it is not generally considered that this type of worm does much damage.

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Twenty-one species of tapeworms have been found in birds on this continent. All but one are found in the intestinal tract and those in which the life history is known require an intermediate host for the completion of the life cycle. Adult tapeworms of poultry differ considerably as to length (one-fiftieth to 10 inches), and the number of segments (two to 60 or more). Tapeworms attach their heads in the tissues of the intestinal lining and the segments forthest away from the head are continually breaking off and passing out with the droppings. These segments contain the eggs. It is necessary for the eggs to be taken into the body of an intermediate host such as flys, slugs, snails earthworms, grasshoppers, etc. After approximately three weeks the egg is developed sufficiently to start the life cycle of the tape worm.

No worm medecine for poultry should be used until it has been shown by Post Mortem examination that parasites (worms) are present in sufficient numbers to justify treatment. No treatment can be suggested until it is known what kind or kinds of worms are infesting the birds. Drugs effective in removing one parasite may not be of any value in removing others. Moreover, no satisfactory treatments are available for the removal of some species of intestinal worms.

The best control of intestinal paraasites has been obtained by those owners who have relied exclusively on preventive measures rather than on curative measures or treatments. Clean houses, clean ranges, clean, properly balanced rations, pure water, proper disposal of sick and dead birds, the avoidance of overcrowding, and separation of the growing birds from mature stock are important factors in the control of worm infestations. Worm remedies cannot take the place of sanitation. They do not destroy worm eggs, but merely expel the parasites or in the case or tapeworms, only portions of the parasites. In fact, in properly managed poultry flocks there is not often need for worm remedies.

Club News

The Junior Farmers of St. George's reorganized for 1953 on Thursday evening Dec., 4th. The President, Ivan Morrison, gave a splendid report of the years activities some of which were a gift to the mail-man, participation in debating and public speaking contests, Their club placed second on the Island in debating and in public speaking. The public-speaker, Lucina Campbell, placed third at Amherst in a Maritime Competition. The Treasurer, Miss Anne [illegible] reported that their club raised $145.00 and spent about $73.00 on various activities.

New officers elected for 1953 are: James Farrel, President, Charles Somers, Vice-president, and George C. MacDonald, Secretary-treasurer. Various other committees were also appointed.

The second 4-H calf club to reorganize for 1953 is the St. George's Ayrshire club which reorganized on Thursday evening, December 4th. The president, Laura MacLellan was in the chair and conducted the meeting with despatch. The secretary-treasurer, Emily Johnston reported $18.75 on hand. Mr. George C. MacDonald, Adult Director, spoke a few words of encouragement and Morris Deacon, Agricultural Fieldman, congratulated the club on its worthy work last year. He also encouraged them to do better next year and hoped they would be able to get more members.

The following officers were appointed for next year: President-Gerald Johnston, Vice-president-Clara MacLellan, Secretary-Treasurer-Laura MacLellan, Adult Directors: George C. MacDonald and Joe MacLellan.

Club News

The annual meeting of the Bear River Ayrshire Calf Club was held at the home of Zeta MacGaugh, Wednesday, December 3, 1952. There was a large attendance of which ten members joined the club. The slate of officers for the coming year is as follows: President Joan Hughes, Secretary Treasurer Shirley Gallant, Vice President Beatrice Hughes, Adult Directors—Joseph MacIssac, Martina Hughes.

Shirley Galant invited the members to her home for the next meeting. The meeting then adjourned by singing the National Anthem.

Clarity Begins At Home

Clarity for the hard-of-hearing can begin with a note written in the privacy of the home requesting free information on Zenith's $85 Hearing Aids. Ideal Christmas gift! Write: Zenith, Canada Trust Bldg., Windsor, Ont., Canada.

THE CENTRAL GUARDIAN

This column is reserved for news of local interest, but advertising of a newsy nature may be inserted at five cents a word, strictly payable in advance.

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A HANDSOME GIFT "Churchill's Memoirs", The Island Book Room, Great George Street. Open evenings till Christmas..

ENGAGEMENT. — Mrs. Michael Doyle, North Rustico, announces the engagement of her daughter Maureen Terest to Ralph Johnstone Booth, son of Mr. and Mrs. Stanley Booth, Montreal. Marriage to take place at Montreal, on December 27th.

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CRASWELL for Better Photographs.

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Personals

Miss P. Trainor, daughter of Mr. and Mrs. Louis Trainor, has completed her probation period, receiving her cap and bib at the Falconwood Training School.

The Misses Freda Newston and Joan Dowling have left Charlottetown for Boston, where they will spend Christmas with relatives and friends.

Miss Marsha MacNeil has left Charlottetown, for Riverside Connecticut, U. S. A. where she will be employed. A number of relatives and friends accompanied her to the train, to wish her a pleasant trip.

IN MEMORIAM

MR. STANFORD PICKERING

The people of Sea View and surrounding districts were saddened to learn of the passing of Mr. Stanford Pickering, at the Prince County Hospital on November 24th, at the age of 74.

Mr. Pickering had been in poor health for some time but was able to be about his duties until a short time before his passing.

He will be greatly missed, not only by his wife and family, but also by a host of friends and relatives who will long cherish the memory of a true friend and kind obliging neighbour.

His funeral, which was held on November 26th, was largely attended by friends who came from far and near.

The service was conducted by the Rev. Mr. Matheson of Trinity United Church, Summerside, who spoke words of comfort to the bereaved.

The pall bearers were: Messrs. Layton Coulson, Eddie Murphy, Earle MacKay, Charles Adams, Arthur MacKay and Wallace Pickering.

He is survived by a sorrowing wife, (nee Miss Lulu Ramsay), and the following sons and daughters: Margaret, (Mrs. Loring Raynor), Summerside; Roland, Borden; Laura, (Mrs. Albert MacNutt), Edmonton, Alta.; Lillian, Charlottetown; William and Hazen on the homestead; two sisters, and one brother, Mrs. Laura Woodside, Darnley; Miss Mary C. Pickering, Sea View; and Preston Pickering, Sea View.

Interment was in the People's Cemetery, Malpeque.

Cook's Corner

HEAVENLY TARTS

1 tablespoon unflavored gelatine, ¼ cup cold water, ½ cup sugar, ½ cup orange juice, ½ teaspoon salt, 4 slightly beaten egg yolks, 1 tablespoon grated orange peel, 1 tablespoon lemon juice, 1 cup mashed ripe bananas (2 to 3 bananas), ½ cup sugar, 4 stiff beaten egg whites, 1 recipe plain pastry, ½ cup heavy cream, whipped.

Soften gelatine in cold water. Combine ½ cup sugar, orange juice, salt, and egg yolks. Cook over hot water until mixture coats a spoon. Stir in gelatine mixture and orange peel. Remove from heat and cool. Combine lemon juice and banana pulp; add to gelatine mixture. Gradually beat remaining ½ cup sugar into egg whites. Fold into gelatine mixture. Fill cooled baked tart shells. Chill. Serve with whipped cream. Serves 6.

KEEP THESE IN MIND!

Some of the early signs of cancer are:

A lump in the breast.

Unnatural bleeding from a body opening.

A sore that does not heal, particularly of the skin, face, mouth or lips.

Any persistent change in bowel habits — such as diarrhoea or constipation.

Many Canadians are enjoying life today because they found that early cancer can be cured.

Keep these danger signals in mind and see your doctor if one appears.

False Face

By E. C. Buley

Lola wanted to have the matter raised, and to get the trouble over; for she knew that she must face the consequences of what she had done, sooner or later. To hear nothing at all made her feel that she was being played with, as a mouse is played with when a cat pretends not to notice it. It was a positive relief to the dancer when, one night about a week after she had rid herself of Peter Marchant, she saw the man Fingers sitting at one of the tables in the Club.

It was early in the evening, as time was reckoned at the Octagon Club, and only a few people were in the big room. Some were eating and drinking, and a few were dancing to the rather perfunctory music of the scratch orchestra which sufficed for mid-evening at the Octagon. Lola took her courage in both hands, and walked boldly to the table where the gangster sat.

"Hullo, Fingers," she said, sitting down by his side, and laying her hand upon his. "I've been waiting to see you, ever since the night College Boy took a powder and vanished."

"Yeah?" said the man, taking his hand away quietly, and surveying her from under beetling brows.

"He was yellow, right through," Lola continued. "I told him your message; but he had to run out on us. What did I say, anyhow?"

"You said he wouldn't fight; and he didn't," Fingers said, amicably enough. "You never knew he was running, I s'pose?"

"Sure, I knew," Lola said boldly. "If you have to know, I helped him make his getaway."

"Yeah?" Fingers said indifferently. "So I heard, sister. You were always strong for College Boy, weren't you?"

"Until he run out on me," Lola conceded.

"Maybe you'd like to know that he was running with another jane, before the boat got to Europe," Fingers remarked carelessly.

"It's a lie," Lola said fiercely. "He never was on a boat to Europe, anyways"

"Frame saw him," Fingers said. "This jane turned up on the boat deck when Frame had it fixed to bump College Boy off. That's how I know, Lola."

"Frame?" Lola repeated; and the blood left her face at this mention of the name of the killer; so that her rich olive tint showed, under the bright light, as a sickly, unwholesome grey-green.

"Sure," Fingers agreed. "Frame. There was some talk, Lola, about putting you on the spot, over that business. But nix for me. 'Let her live,' I said. When she knows what she sent him to, she'd rather be dead.' and Sacchoni saw it, the way I put it to him."

"Where is Frame?" Lola contrived to ask.

Fingers shook his head, as a man who neither knew nor cared.

"He done a job of work," he remarked. "I'll say that for Frame; he done a job of work, over there in Paris."

And then he set before the tortured girl a cutting from one of the American papers published in Paris, which told in a few sentences of the discovery of a body in the Seine, identified by papers in the clothing as that of Peter Marchant, a young English artist of great promise.

"I don't have to know where Frame is," Fingers said, in his leisurely drawl. "He done a job of work, sister. What was it that you said?"

"Dead!" Lola said tonelessly. "He is dead."

"Yeah," Fingers agreed. "Dead enough, Lola. And you sent him to it. Remember that, when you happen to be thinking about College Boy. I think that's about all, Lola. What do you think yourself?"

But Lola had risen unsteadily to her feet, to dash across the dancing floor to the shelter of her dressing-room.

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Meanwhile College Boy had subjected himself to the iron regime imposed by Doctor Lepine, in a spirit of blind resignation, as though he had known how entirely his plan for deceiving the two men in whom he was interested had succeeded. He was presently to show how much a man who gives his whole soul and body into the hands of another can learn, and how much he can forget, in the course of six months.

Where the little experimental ward was situated, the subject of the Lepine experiment never knew; for he was blindfolded before he was taken there in a car. It was in a quiet corner of the countryside, not far from Paris; for assistants from the big city came there, and returned to Paris daily. They worked upon the American Truscott Whalen in a variety of ways, to the end of turning out, at the end of six months, an entirely cosmopolitan being, who answered to the name of Henry Smith.

That name, with its implications of the essentially commonplace, was the first of the many crosses laid by his master upon the shoulders of College Boy.

To be continued

We And Our Neighbours

by Ruhamah Scheinfeld Frank

PSYCHOLOGY AND THE MOTORIST

Last week our discussion of the problems related to automobile driving, was centered around the reaction time test for applicants for driving licenses. The conclusion reached by Walter C. Varnum of Los Angeles City College, based on studies made by De Silva and his associates at Harvard University, and other studies, (as presented in the book, "Psychology in Usa", by J. Stanley Gray) was that "we cannot eliminate accidents by refusing licenses to drivers with slow reaction time (since) the faster the car is travelling the smaller is the relative importance of the psychological factor (the human element) as compared to the mechanical factor."

Figures from a chart compiled by the American Automobile Association of Washington make this clear. It shows that a car travelling at 20 miles an hour gives a reaction time distance of 22 feet, while one travelling at 40 miles gives a reaction time distance of 44 feet. The braking distance, however, at 20 miles an hour, is 28 feet, while the braking distance at 40 miles an hour is 109 feet or almost four times as much.

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Reaction time distance is of course the distance you will travel before your mind and body react to a warning of danger. The braking distance is how much farther you will go from the time, your brakes first begin to take effect until you come to a full stop.

The total stopping time or the distance you will travel from the time you are first aware of danger until your car comes to a full stop will be 50 feet when you go 20 miles an hour and 153 feet when you go 40 miles an hour.

At 60 miles an hour the reaction time distance will be only 66 feet but the braking distance will be 248 feet, and the total stopping distance will be 314 feet at 60 miles per hour.

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These figures are based on effective four wheel brakes and driving on a straight, level, smooth, hard surface, dry highway. The average reaction time of .75 second is used. The total stopping distance from 30 miles per hour for a person with a two second reaction time driving a car with poor brakes, would be 88 plus 100 or 188 feet, nearly twice the distance given above for 30 miles per hour. (Imagine what it would be like or our clay roads in the spring or winter!)

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In regard to tests for vision, one study disclosed a truth about human nature, that is seldom considered in such tests. This study, made by Weiss and Lauer at Ohio University, showed that while drivers with good vision did 50.5% better on the driving apparatus than those with poor vision, "later studies showed that in the actual driving situations, vision had relatively little to do with the extent of accidents."

How is this possible? It becomes understandable when we consider the remarkable manner in which human beings make up, or compensate for even the most drastic deficiencies. The blind, the deaf, the crippled, the paralyzed, often compete successfully and sometimes greatly excel in the same field with those not thus handicapped.

The age factor in driving, will make clearer how this works in the most common tests of driving ability — reaction time tests, tests of vision and of hearing. And of course, actual performance tests.

• • •

We know that all bodily processes slow down as we get older. Yet Varnum states. Statistics show that while there is a decrease in ability to steer an automobile (with increasing age) other factors involved in automobile driving are of sufficient importance to enable those drivers of fifty or over to have only about one fourth as many accidents in proportion to their mileage, as drivers of twenty."

The author makes a comparison with the skill of the older typist (or older worker in many fields) "An older typist", he says, "may type more slowly, but on the other hand, she may plan her work more carefully and react less to minor disturbances. Improved efficiency, in using muscles, may compensate for their decreased strength and agility." In other words, long experience, greater carefulness, on caution, and perhaps a more sober outlook on life may make the older automobile driver ... and older individual in all fields of human endeavour, a greater asset than is generally recognized!

Are women really such poor drivers? What about accident repeaters? Can planned educational programs and "drivers' clinics" such as those sponsored by the Harvard Traffic Bureau, help cut down automobile accidents? We shall attempt to answer these and other questions, next week.

Dedication Service Held At Hazelbrook

A most inspiring service of worship and dedication, attended by a good congregation, was held in the Hazelbrook Baptist Church on Sunday evening, Dec. 7th, the purpose of which was the dedication of new choir gowns.

Lic. Thos. Poole, pastor, led the service. In his remarks he congratulated the choir, also the members of the church who made this service possible. He stated that less than one year ago the choir was re-organized for the purpose of discussing ways and offering suggestions for finer and better service for our Lord and His church. With thankful hearts, choir and congregation stood for the prayer of dedication.

The sermon lesson was taken from Acts 16, verses 16-40, the theme taken from verse 31, "Believe on the Lord Jesus Christ and thou shalt be saved, and the house."

Guest soloist was Mrs. Victor Runtz, Charlottetown, who sang sweetly "O Saviour Sweet". The choir rendered two selections, "In the Service of the King", and "I Shall Not Forget Thee". The regular organist, Miss Sue Jones, was accompanist for the evening.

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