

# Agricultural News

P. E. I. Department of Agriculture

## Selection of Dairy Cattle

The proper selection of dairy cows, heifers and bulls is of fundamental importance if the greatest profit in dairying is to be realized. Whether selection is for foundation animals to start a herd, for heifers to replace older, unprofitable cows, or to obtain a suitable bull, the choices made determine the success that will be attained in the dairy business.

There are several things necessary in properly selecting dairy animals, namely, an understanding of the ideal type, and ability to interpret and evaluate production records and pedigrees. Furthermore, it is necessary to understand how much importance should be given to each of these items in selecting any one animal.

## How To Be A Good Judge

To be a good judge of dairy cattle requires not only a knowledge of what constitutes the ideal type, but also practical experience in handling stock. This experience helps one to observe and understand the degree of relationship that exists between production and conformation.

Knowledge of what constitutes general dairy type, together with the special breed-type standard adopted for each of the dairy breeds, can be gained from the livestock journals and other publications as well as at the livestock fairs. Each breed association has adopted a system of classifying cows according to type. This is not only an aid to selection, but also educates the breeder in what constitutes good type. This system is also used for classifying bulls according to a combined type for type as well as breeding, so that an officially classified bull would be of one suitable type and out of parents of good type and performance.

## Production Records Important

Selection can be made more accurately by giving some consideration to production records, as well as type. This is because production is also an inherited characteristic and thus makes it possible for some cows of good type to be poor producers. Production is quoted in terms of milk as well as butterfat, but to properly evaluate the conditions under which the records were made are needed. The age of the cow, times-a-day milked, and length of lactation period all affect production and must be considered in determining the producing ability of a cow most accurately.

## Pedigree Study Aids Selection

The consideration of an animal's pedigree also can make selection more accurate. Milk producing ability as well as type is transmitted from one generation to the next.

When the animal to be selected is immature, its ultimate type and producing ability cannot be correctly judged by its appearance, since the animal is not fully developed. Because these characters are transmitted from generation to generation, a knowledge of the type and production of its ancestors can be used as an indication of how the immature animal will develop.

The contribution of any ancestor to the inheritance of an individual is halved for each generation further removed from the individual being considered. Ancestors three and four generations back on the pedigree contribute comparatively little to an animal's inheritance and therefore should not be given undue consideration. In making selection, therefore, it is most important to find out all one can about the immediate parents of an animal.

The amount of consideration to give an animal's pedigree and how much to the individual type depends upon its sex, age and the amount of reliable information concerning the ancestors that is known. In selecting a mature cow, her type, mammary development and own performance are accurate indications of what she actually can produce. A further study of her pedigree would, however, give an indication of what inheritance she would transmit to her bull, the type and production of his daughters indicates accurately his breeding ability, and is much more reliable than the performance of his ancestors. However, when selecting a bull calf for the future herd sire, a great deal of consideration should be given to his pedigree.

Selection should therefore be based upon an individual's type and performance as well as its pedigree. The more accurately one knows about each of these items, the more consideration should be given to it. Increased production, income and profits are dependent on how all the individuals in the herd have been selected.

## Diseases Of Poultry

Each year poultry raisers are realizing more and more the economic importance of diseases in their flocks, although diseases of poultry sanitation, genetics, housing, food and incubation are distinct branches of poultry husbandry, a knowledge of all of them is necessary in order to maintain a healthy profitable flock. Each branch is so closely linked with the others that even a weak link in the chain results in disaster, this thought must be borne in mind by those considering any of the aspects in relation to poultry diseases. Certain diseases that are quite common elsewhere have not as yet made their appearance here, and some diseases that are very widespread here are rarely encountered in others.

Diagnosis of diseases in order to control the death rate in a flock. It is obvious that the first step is recognition of the cause of death. No line of treatment whether surgical or medicinal, unless the cause is known, quite often a correct diagnosis at once suggests a remedy, this frequently requires some skill and experience, quite comprehensive knowledge of healthy organs and parts and changes that occur in them when diseased. In many instances a complete history of the case is of valuable assistance.

## Poultry Disease Laboratory

A poultry disease laboratory is maintained at your agricultural laboratory in Charlottetown for the purpose of assisting the poultry owner in combating problems in relation to diseases. When help is needed along these lines birds may be sent in for examination. It is always more satisfactory to forward more than one bird to the laboratory, as quite often when only one bird is sent it does not represent the flock trouble. More than one disease may exist in a flock at the same time.

Also, when possible, sick birds should be sent rather than dead ones, as putrefaction sets in very quickly in fowl and signs of disease that would have been quite evident in fresh material would probably be masked by putrefactive changes.

Information that should accompany specimens include the age of the birds, how long they have been in the flock, if raised on the premises or purchased recently, if in confinement, or on range. Symptoms - observe condition of house and run and the mortality during the outbreak of the disease.

The birds should be sent prepaid or delivered to the Agricultural Laboratories, 188 Prince Street, Charlottetown.

## Contest

We wish to draw attention to a block-out in this paper announcing a public-speaking contest. It is open to members under twenty-six years of age of any rural organization. The topics must be on agricultural subjects. Large prizes will be given to the top contestants in each county.

This is the third annual provincial contest; the object being to encourage the art of public speaking. This contest will also be held in connection with the candidates to represent the Island in public speaking at the Maritime Winter Fair, Amherst, N. S. The finals for the Island are being held September eighteenth in connection with the Rural Youth Fair. Time is short so write for a complete set of rules and enter immediately.

## Poultry Club News

On Monday evening twelve members of the Vernon River Poultry Club gathered together to hear an interesting and instructive talk on poultry judging by S. C. Scranton of the Dominion Department of Agriculture.

## Club News

The Morell Poultry Club had twelve members present for the judging class on Tuesday evening. Mr. S. C. Scranton was guest speaker for the evening and he gave an interesting talk and demonstration on the judging of poultry. Miss Lorraine McDearmid, the Club secretary, gave an interesting talk on brooder house equipment.

The Baldwin's Road Poultry Club held their regular meeting in the school-house on Thursday evening. The seventeen members present judged a class of poultry and then listened attentively to a talk and demonstration on poultry judging, given by the poultry fieldman, Harry E. Robbins.

Two members, Miss Mary Curran and Mr. Emmitt McKenna, gave interesting talks on the care of chicks during the growing period and poultry feeding principles.

## Public Speaking Contest

ANY AGRICULTURAL TOPIC open to Members under 26 years of any Rural Organization. Large Prizes - Enter Immediately Apply BOX 9-Dept. of Agriculture Charlottetown.

# THE CENTRAL GUARDIAN

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

**JIMMY'S TAXI** - Phone 523.

**HOWARD MacINNIS FOOTWEAR** at 175 Queen Street.

**CRASWELL** for Better Photographs.

**"WE TREAT THE SICK WELL."** Giggey's Pharmacy.

**MILK** - the perfect food; order another quart.

**ENGAGEMENT** - Mrs. Wilbert McCarville, Kinkora, wishes to announce the engagement of her daughter Rosaleen Marie, to William Frederick Anderson, son of Mr. and Mrs. F. W. Anderson, Ottawa. Marriage to take place in St. Patrick's Church, Ottawa, on Saturday, at 9 A. M.

**CANCELLATION OF CLINIC** - Because the Annual Meeting of the Prince Edward Island Medical Association is being held over the week-end, the regular Diagnostic Chest Clinic at the Sanatorium has been cancelled on the afternoon of Friday, August 29th, 1952.

## Visiting Here From Jamaica

Sir Gilbert Wainwright, O. B. E., Jamaica, British West Indies, is a visitor to Charlottetown, and is the guest of his friends, Mr. and Mrs. K. R. Elliott, 29 Longworth Ave. Sir Gilbert and Mr. Elliott, who is now manager of the Charlottetown branch of the Bank of Nova Scotia, have been friends since their meeting in Jamaica when Mr. Elliott became manager of the Branch there.

Sir Gilbert at that time was a member of the Legislative Council of the Island having entered politics on his retirement from the Bank of Nova Scotia. After ten years in the public service he received his knighthood in 1942.

Sir Gilbert has a special interest in Prince Edward Island in that his sister, Nora Wainwright of Toronto, was associated with L. M. Montgomery in the writing of her "Anne" books. At that time Miss Wainwright was a public stenographer who began specializing in assisting authors in the production of their writings and latterly devoted a great deal of her time to the Island authors. Mr. and Mrs. Elliott were very pleased to have the opportunity to show Sir Gilbert the original "Green Gables" and the setting for many of the stories by Miss Montgomery.

"Prince Edward Island is a beautiful spot," said Sir Gilbert, "though a little on the cool side for a man who has spent a great part of his 81 years in the West Indies." He was born in Halifax and moved with his parents to Ottawa where he joined the Bank of Ottawa prior to its absorption by the Bank of Nova Scotia. In 1923 he went to Kingston as manager of the Jamaica branch of his bank.

## Card Of Thanks

I wish to express my sincere thanks to all those friends and neighbours for their very kind and generous donations they gave me during my recent illness. Also my sincere thanks to Drs. McIntyre, and Inman, Nurses and Staff of the Kings County Hospital for their kindness to me and all those who brought treats and came to visit me while a patient there.

Dan Condon, Panmure Island.

## IN MEMORIAM

In loving memory of Lemuel Lamont, Churchill, who passed away August 27th, 1951.

There is someone who misses you sadly, and finds the time long since you went.

There is someone who thinks of you daily, and tries to be brave and content.

Always Remembered by His Wife

## Thanks

The Cardigan North Ayrshire Calf Club held their regular judging class at the home of Heber Johnstone on Thursday afternoon, August 21.

There was a good attendance and the members decided that their Achievement Day would be held about the middle of September.

The Busy Bees Calf Club of Head of Hillsboro and vicinity held a judging class and business meeting at the home of Ernest Cameron on Friday evening, August 22.

Every member was present and wrote Test No. 4.

It was decided that their Achievement Day would be held on September 12. Mr. L. W. Roper was asked to be judge.

## "BACK TO SCHOOL TONICS"

**HARD COAL** - A. Pickard & Co., are unloading Hard Nut Coal today.

**NEW SHIPMENT FIRESTONE** Electric Refrigerators. Bryenton and MacKay.

**SHOES FOR SCHOOL** - We believe we have the finest values in town, for children's shoes. Price \$2.49 to \$4.50. Large assortment. Wright Shoe Co., both stores.

**THE CHARLOTTETOWN KINBERGARTEN** under the direction of Mrs. Ira Clark, assisted by Mrs. Ivan Nicholson, will re-open September 2nd. For further information call Mrs. Clark 1299-J.

**COUNTY COURT** - Nine cases including two garnishees were on the docket of the County Court for Queens County at its August sittings yesterday. They were set down for trial at various dates and one, William C. Beer, plaintiff vs. James P. Cavanaugh, a defendant, was heard and adjourned for argument. It is a claim on a promissory note on which the defendant alleges no payment has been made within the statutory period of six years. Counsel for the plaintiff is Mr. L. P. O'Donnell, for the defendant Mr. J. A. MacDonald, Q.C.

## Personals

Mr. and Mrs. Richard Dickieson, New Glasgow, P. E. I., have arrived home after an enjoyable motor trip through New Brunswick, Deer Island and Maine, U. S. A.

Miss Marjorie Buchanan and Miss Sonia Jacobson, B.A., returned to Montreal by train after spending a very pleasant vacation at Elmwood, at the home of Mr. and Mrs. Wm. Buchanan.

## Preparing For Visit Of Commonwealth Parliamentarians

J. Watson MacNaught, M.P., Parliamentary Assistant to the Minister of Fisheries was in the city yesterday conferring with Col. P. S. Fielding, Assistant Provincial Secretary, in connection with the forthcoming visit of the Commonwealth Parliamentary Association.

Mr. MacNaught, who leaves on Saturday for Quebec to join that portion of the party which will come to the Maritimes, expects that 45 members of parliament from various parts of the Commonwealth will be visiting the province and will arrive on the evening of Sept. 3rd, and leave on the morning of the 5th for St. John, N.B. From there they proceed to Fredericton, N.B. returning to Ottawa in time to attend the opening of the Conference proper which will take place during the week of Sept. 7 to 14th. Hon. Forrest Phillips, Speaker of the Legislature, will join the party here as representative from P. E. Island and attend the conference at Ottawa. Following the Ottawa conference, the delegates will tour Western Canada.

The programme to be followed out during the visit of conference delegates has not yet been finalized.

## Interdenominational Crusade For Christ

Major Bert Pedlar, sane, eloquent exponent of the Bible, heads the "Army Team of Evangelists" to conduct the "Mid-Century Crusade For Christ" in Charlottetown. Through the co-operation of the Ministerial Association the Crusade will be launched in Zion Presbyterian Church, September 5th, 8:00 p.m. This night will mark the beginning of ten days of interdenominational rallies to be held each night.

Other members of this versatile team include Mrs. Florence Pedlar, well known in Brantford, Ont., previous to her marriage as an ardent organizer of after church fireide hours, a forceful speaker, Lieutenant M. McFarlane, A.R.C.T. whose gifted voice, trained and now consecrated to the ministry of singing the gospel has thrilled and blessed thousands. Lieutenant E. Hammond accomplished pianist and pianocordist completes the team giving a quality of talent that appeals to all hearers who return again and again to hear the team.

While conducting the Crusade, Major Pedlar will speak to service clubs, church groups, schools etc. on the subject, "Behind The Bamboo Curtain" After five years in China, Major and Mrs. B. Pedlar returned to Canada late in March of this year thankful that it is so ordained seeing they had spent the last 18 months under Communist domination.

## Thanks

The family of the late H. L. Machon wish to thank all who sent cards, flowers, or in any way helped in their recent bereavement.

## Strange But True

By F. H. MacArthur

Are you one of those who believe in astrology? If so, you're probably already consulted an astrologer about your business and social affairs, such as signing papers and contracts, speculation, stocks and bonds, marriage, health, lucky days and so on.

Most of us reject astrology, because we think that in modern science we have a better way of explaining things; but you'd be surprised to know that scores of persons still make a good living as astrologers, and some astrologers, like some fortune tellers, have an uncanny way of predicting future events. For example, Prof. J. Doe Jones, one of the world's foremost astrologers, predicted the October crash in the stock market one year in advance.

It is strange but true that in times of great tribulation people flock to astrologers and mystery mongers, to peep into the future. The two last World Wars brought on a feeling of hopelessness among the peoples of Europe, which in turn produced an army of quacks, fortune tellers, etc., the greatest number of mystery mongers ever let loose in human history.

According to Dr. C. C. Torrey, Prof. of Semitic in Yale University, the Gospels were not written first in Greek, but in Aramaic.

The Romans used all but one of our letters, namely, "W", which was developed in the Middle Ages. From its name and form you can tell that it came from two letters which the Romans used interchangeably.

The earliest athletic event was a foot race called stadium, which was much like our 220-yard dash, and it was the winner of this event who gave his name to the Olympiad.

Believe it or not, but in India each generation sees the death of 3,200 mothers in the agonies of child birth - a figure greater than that of the united death role of the British Empire, including India, France, Belgium, Italy and the United States, in the World War; and that the average physical rating of the population is at the bottom of the international list.

The simple tombstone erected to the memory of Socrates bears these lines: "Here lies Socrates. He tried to make people think so they killed him."

Like many other great men, Socrates' influence outlived him. Even in our generation men who seek the good and true in the face of self-seeking groups of ignorant mobs draw new courage from the example of the humble Athenian stonemason. His life and teachings made such an impression on the early Christians that they believed and used him to prepare the world for the coming of Jesus. But, as has happened so often in history, his own age failed to recognize his greatness.

Plato's great pupil, Aristotle, knew as the "walking encyclopedia" because he was interested in so many subjects and knew so much about each of them. He was the greatest intellect that the ancient world produced.

The Alexandrian library was the most famous library of antiquity. At one time it contained half a million papyrus rolls, all of which were written by hand. Believed to have been destroyed during the third century, it may have fallen under the ruthless hand of war.

In the British museum may be seen coins stamped with the imprint of daggers and the date they were used to kill a very remarkable man. The coins were issued by Brutus who had a hand in the murder of Caesar.

Aqueducts built in the days of the Romans are still in use. Those which supplied Rome alone measured 265 miles. Much of the water used in the cities was brought from the highlands many miles away.

We take paved roads so much for granted that it is hard for us to appreciate what Rome did for Western Europe, where, until her road builders came into the picture, there were only trails through field and forest.

If Chinese names strike you as being funny, remember that Wigg, Rustico, Mississippi, and a host of other North American place names, sound just as "funny" to the Chinese.

How often we hear people remark: "Those Chinese all look alike." A recently arrived Chinese student was asked for his impression of Canada. He said he liked our country very much, but that all Canadians looked alike.

The principal fuel of India is cow-dung cakes.

Less than two per cent of the women of Great Britain are able to write a letter of a few simple phrases, and read its answer, in any one dialect or language. To put it another way, such literates numbered, in 1949, eighteen to the thousand.

Why? Because the great body of the people are strongly against female education.

It is strictly enjoined in the religious books of the Hindus that females should not be allowed to come under any influence outside that of the family. For this reason, no system of school and college education can be made to suit their requirement. Women get sufficient moral and practical training in the home and that is far better than the type of education schools can impart. -From a Calcutta University Commission Report Vol. XII, Page 414.

## We And Our Neighbours

by Ruhamah Scheinfeld Frank

Reunions of old friends and relatives are pleasant everywhere, but more fun on P. E. I. than in most places because families are large and everybody knows almost everybody else. What is more, grandfathers and grandmothers, great-aunts and great-uncles, usually lived in or near the old home and are remembered as clearly as the younger generation.

In hundreds of gatherings during the Old Home Week, and at other times, the latest news is exchanged about members present and away. Not one of Aunt Margaret's ten children, or Uncle Robert's eight, is overlooked, though he live in Boston, Los Angeles, Calgary or Vancouver. Neighbors too, are followed up almost as closely.

Among the gay and often poignant reports on weddings, new babies, comings and goings, are questions and comments that reflect a genuine bewilderment. "How come, Cousin Ed never settled down?" some one will ask. "He's forty, if he's a day and he's tried his hand at everything and never made a sq of anything. Yet his Dad was as steady a man as ever lived."

It is true we do not know everything about chromosomes or tempers either. But we can take people as we find them - infants and grown-ups too, and try to do what is possible to give them the environment that will help them make the most of what they started with.

It is not strange that there should be confusion about the working of heredity and the part that heredity and environment play in human behavior. There are many unanswered questions. But modern research has given some definite knowledge and many valuable insights into what makes people tick.

We do know, for instance, that such ideas as "blood will tell," and "We do not have a blend of our mother's and father's blood and more or less of our ancestors' blood in our veins. Infants have not even one drop of their mother's blood. What we inherit is not passed through the blood. It is handed down to us in tiny bits of matter called chromosomes - 24 chromosomes from our mother, and 24 from our father. These 48 chromosomes carry small bead-like particles called genes, and these genes are the units of heredity.

These genes determine our eye, hair and skin color, our features and our build and stature, and many other physical characteristics. The genes also set the general limits of our mental ability, as far as we know. There is some evidence that musical and artistic talent can be inherited.

When it comes to Cousin Ed's lack of stick-to-it-iveness, or the success of the James boys and Joe Smith, life experiences rather than heredity seem to be involved. And to an even greater degree, such traits as worrying, shyness and temper, most psychologists believe, are the result of family relationships and other learned reactions. If one knew all the details, it would probably become plain whether little Ellen imitated her father and grandfather's temper tantrums, or whether she found that the best method of getting her own way, or expressing her particular problems. And so with the cases of shyness and worrying mentioned.

Israel is primarily an agricultural country, the growing of citrus fruit being its most valuable industry.

At all events, the most hopeful

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