

Agricultural News

P. E. I. Department of Agriculture

Parasites on Swine

In the fall and winter months it is quite common to see hogs infested with lice or mange mites. These little parasites can cause marked irritation of the hogs and consequently slower gains. This condition can be prevented and controlled.

Lice are blood sucking parasites and while not as dangerous as mange mites nevertheless cause a great deal of discomfort and interfere with the well-being of the pig. They are easily seen for they are the largest of all varieties of lice, which are found on domestic animals. They are easily gotten rid of by using old crank-oil either applied directly to the infested hog or by soaking old bags in oil and wrapping them around a scratching post.

Mange in swine is a contagious skin disease caused by a very small insect scarcely visible to the naked eye but can be seen under a hand lens or more effectively with the aid of a microscope. The disease is quite prevalent and more particularly in the colder seasons of the year. Once any swine in the herd are infected the disease spreads rapidly and it is only a short time until all the hogs in the piggery are showing signs of the disease.

The first lesions caused by the mange mites usually appear around the nose, eyes and ears where the skin is tender and the hair is thin. From these parts the infection spreads over the neck, shoulders and back and along the whole body. The mites burrow into the skin where they deposit their eggs, causing irritation, intense itching and inflammation in the skin. After the first sign the owner notices is that the pigs have a dirty appearance in certain areas of the skin. In heavy infestations the pigs become very unthrifty and remain stunted until something is done to correct the condition.

The proper treatment of hogs infested with mange mites consists of killing the parasites by applying medicated liquids in the form of dips or sprays. There have been several different kinds of dips used in the past such as oil and lime, sulfur, etc. However, today the most effective treatment used is the application of a preparation known as lindane.

Beef Breeders

Looks alone are not always the most reliable consideration when breeding stock is purchased. Many ask for a record of performance on each beef animal they buy and are finding that tested stock pays well.

The progeny testing program on bulls conducted in various areas shows the value of the program. Animals very similar in outward appearance responded differently in the tests. Rate of gain and maturity varied considerably and the different lots tested and both are very important in meat production.

Type, quality, size growth ability, disposition, and the milk production of the mothers of both the cows and bulls to be used in the herd for replacements should be considered. Large, well-developed cows lead to produce large calves, and mammary development is considered a mighty important part of a well-developed cow.

Cows should be pulled from the herd that do a poor job of raising their calves. Herd culling should be continuous and cattle that show evidences of disease should be removed from the herd as soon as they are discovered. Cows that do not pay their way are too expensive to maintain because of the present high labor and feed costs. Only stock should be selected that will produce fast-growing animals yielding desirable carcasses when they are marketed. Performance tests assure buyers that they are getting this kind of livestock.



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Presidents' Course

A Short Course for Women's Institute Presidents of Kings County was held in Souris United Church Hall on Thursday, November 27. Twenty-five presidents were in attendance. Mrs. Howard Wood, Eglington-Howe Bay welcomed the delegates. The course included procedure at Women's Institute meetings, program planning and Institute projects. Mrs. Harold Laird, Kelvin Grove, Mrs. R. L. Burge, St. Peter's; Mrs. Maylea Manning and Miss Mary Robin, Supervisors attended, and spoke on various phases of Institute work.

In the afternoon discussion groups were held on Community Problems and the president brought forth many excellent ideas in what Institutes could do to improve life in the home and community by making use of existing services more fully. Rural beautification, Musical Festival Work, Drama Festival Work, Farm Forums, 4-H Club Work, School and Hall Improvement, were discussed as projects for Institutes to undertake.

A delightful luncheon was served at noon in the hall and the short course closed with a dinner. The catering was done by the United Church Guild, Souris.

Club News

The first 4-H Calf Club reorganized for the year 1953 was Johnstone's River Holstein Club. Earl Trainor was elected President; Joseph Brazil, Vice-President; Doris Trainor, Secretary-Treasurer and Club Leader; Joseph Beagan. Other club members are: Gordon MacDonald, Perle MacDonald, Michael Beagan, Marilyn Driscoll, Basil Lacey, Mary McKennarage, Desmond Driscoll, Raeburn Driscoll. Rev. Butler spoke a few words of encouragement to the young people and hoped that they would be able to make their club the best on the Island. Morris Deacon, Fieldman, helped with reorganization and showed films loaned from the National Film Board. A vote of thanks was tendered to the speakers by Joseph Beagan, Club Leader.

Course In Summerside

The first of the County Leadership course sponsored by the P. E. I. Women's Institutes was held at the Town Hall, Summerside with a good attendance of presidents and alternates from the different institutes of Prince County. These county courses are to be held to voice the concerns of the work of the Women's Institutes.

After the registration of delegates, the provincial president, Mrs. Harold Laird, opened the meeting with a few introductory remarks. Mrs. Edward Laughlin, on behalf of the Women's Institutes executive extended a hearty welcome to the visiting delegates and expressed pleasure on seeing such a good attendance, which showed the interest taken by the institutes, and introduced the delegates.

Mrs. Julian Herring, a past president of the P. E. I. W. I. gave a very informative talk on conducting an institute meeting, the points the president should know and use in holding the interest of the meeting, the procedure concerning motions, resolutions, guest speakers, appointments, committees, and all that tends to make a meeting run more smoothly.

Mrs. Herring then lead a discussion on the topic when many interesting questions were asked by the delegates.

The president, Mrs. Laird, then gave an address on planning programs for institute meetings stressing that institutes should first try to build up home life, community life, and work that is nation-wide. This year, she said, the institutes are studying soil fertility and work of the United Nations. She advised that programs be outlined for a year in advance, and said that this should include business, educational, and social items.

THE CENTRAL GUARDIAN

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

MILK — the perfect food, order another quart.

ICE CREAM — the perfect dessert — no preparation — economical.

BATTERY AND ELECTRIC RADIOS, Batteries, Brynton and MacKay.

DOLLS, Games, Picture Books, Mechanical Toys, sure to delight the heart of any girl or boy at The Island Book Room, Great George Street.

I WILL BE COLLECTING Taxes at the Breadalbane Village School December 13th, 1952, 1 P. M. to 4 P. M. Mrs. Harry Bernard, Secretary.

LITTLE THEATRE — Tryout party for play-free to all active members—refreshments and square dancing to follow at Agricultural Room in Vocational School, Thursday, December 4th, at 8.00 P. M.

MEETING — Spring Park Hall, Wednesday evening, December 3rd, 8.00 P. M. Special films features to be shown. All residents invited. Free lunches. Hall on new location—plan to build addition. Spring Park Community Club.

NEW POTATO BOARD ORDER — The P. E. Island Potato Marketing Board has issued a new order, effective today, establishing a minimum price of \$3.25 per 100 lbs. bulk, for Irish Cobbler seed, all grades, to be paid to the potato producer at his farm, and a minimum price of \$2.85 per 100 lbs. bulk, for Green Mountain, Sebago, and Katahdin certified seed of all grades. This price also to be paid the producer at his farm. The previous Board order regulating prices to be paid for certified seed was issued on September 15, last, and called for a minimum price of \$1.95 per bulk bushel for Irish Cobbler certified seed of all grades, and \$1.80 per bulk bushel for Green Mountain and Sebago, certified seed of all grades. These prices were at shipping point.

IN MEMORIAM

In memory of **MR. JOHN MARTIN** who died four years ago today, December 3rd, 1948. Always Remembered by Wife and Family.

IN MEMORIAM

WILLIAM EDWARD PROFITT December 3rd, 1943. This day brings to memory, A loved one called to rest, How he brightened all the joys of life And softened every frown. But oh 'tis good to think of him, When we are troubled sore, More homelike seems the vast unknown Since he has entered there. Lovingly Remembered by His Wife and Family.

HEAR BETTER OR PAY NOTHING!

10-DAY MONEY-BACK GUARANTEE **ZENITH** HEARING AIDS THREE GREAT MODELS! EACH \$85 (See Conduction Device ONLY) (Moderate extra cost)

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OUR BOARDING HOUSE

Major Hoople

EGAD, TWIGGS! IT'S MAGNIFICENT OF YOU TO HELP ME SCHOOL THE OWLS TO ENGAGE IN SCHOLARLY AND REFINED ACTIVITIES WHEN I'M FORCED TO RAID THE CLUB! WHAT BOOKS DID YOU FETCH FOR THEM?

I'VE GOT SOME SHAKESPEARE, SHAW, SCIENCE AND PHILOSOPHY, MAJOR! I HOPE THERE'S ENOUGH OF THEM AROUND WHO WON'T GET KNOCKED BALMY BY A THREE-SYLLABLE WORD! YOU DON'T SUPPOSE THEY'LL THINK "PYGMALION" IS A TREATISE ON HOGS, DO YOU?

FOR SALE FREE-READM & WHEEP

CULTURE IS ABOUT TO MAKE A ONE-NIGHT STAND = 1/2-3

A. R. MacINNIS, Fire, Life, Auto and other lines of insurance.

RESERVE December 17th for Zion Church Candlelight service.

COME TO THE HAM AND SCALLOP SUPPER in Cornwall Hall tonight, beginning at 5 P. M.

JUST ARRIVED—Winter Coats, regular \$49.95, special for Christmas sales \$39.95, Size 8 to 44. Helen's Dress Shop, 54 Grafton Street.

THREE FLIGHTS WEEKLY to Magdalen Islands, P. Q. Tuesday, Thursday, Saturday. Phone Maritime Central Airways 2061 or 540

WEDNESDAY, December 3rd, 3 P. M. Annual sale of hand work, aprons, home cooking, books, stamps, antiques. Tea served 4 P. M. St. Peter's Cathedral Hall.

FORMER ISLANDER PASSES Mrs. Howard J. Hobbs, 329 Euston Street, received word yesterday morning of the sudden passing of her uncle, John M. Douglas, Edmonton, Alberta, formerly from Head of Hillsboro, P. E. I.

CORRECTION — Counsel were reversed in the report yesterday of the civil jury case of John J. Moran, plaintiff vs Island Motor Transport, defendant in which the plaintiff was awarded \$678.18 as a result of damages from a collision. The plaintiff's counsel were Messrs. Gerald R. Foster and J.A. Gallant. Mr. K.M. Martin, Q.C. was the defendant's counsel.

Breadalbane and Vicinity

Mrs. James Craig was hostess to the Breadalbane Village Institute, on Monday, November 24th.

Mr. and Mrs. Jackie Bernard, Hunter River, visited Mrs. J. MacLeod, Breadalbane on Sunday November 23rd.

Mr. and Mrs. P. E. Murray and Miss Juretta Murray were visitors to Charlottetown on Wednesday November 19th.

Mr. George Anderson was a business visitor to Charlottetown on Wednesday November 19th.

The ladies of the Breadalbane United Church sponsored a chicken supper and bazaar which was held in the Orange Hall, on Wednesday evening, November 18th. A large crowd attended.

Mrs. Everett Glover, Norboro, was the guest of Mrs. P. E. Murray on Wednesday, November 18th.

Miss Harriet Glover, Norboro, was the guest of Mrs. Stanford Glover on Wednesday, November 18th.

Mr. Lorne Chappelle, South Granville, visited his sister and brother-in-law, Mr. and Mrs. John Gamester, Breadalbane on the week-end of November 16th.

Mr. and Mrs. William Graham, Mrs. Kenneth Graham and Miss Annie Graham were visitors to Summerside on Tuesday, November 25th.

Miss Leone MacKay, teacher of Breadalbane Village School, and a number of her pupils, attended the amateur cavalcade program in South Rustico Hall on November 24th.

Mrs. Bismark Cousins, Breadalbane returned Tuesday, November 25th from visiting her daughter and son-in-law, Mr. and Mrs. Ira Crozier, Wilmont Valley.

Miss Dorothy Matheson and Miss Eleanor Murray, who are employed in Charlottetown, spent the week-end of November 23rd at their respective homes in Breadalbane.

Mrs. James Snowie, Mrs. Millage MacLeod, the little Misses Linda Snowie and Gail MacLeod and Mr. Myron Matheson returned Monday, November 17th from Halifax where they visited relatives and friends.

A number of members from the Breadalbane Christian Church attended the annual Young People's conference in Fredericton Church on November 15th and 16th. The

guest speakers were Rev. E. P. Benoit and Rev. M. Watterworth.

Mr. Donald Glover and Mrs. Stewart Glover were among those who attended the Young People's Conference of the United Church which met in Rose Valley, on Wednesday afternoon and evening, November 18th.

The crops in this district, as generally throughout "the Island" were very bountiful this year. One of the largest, if not the largest turnip, was grown by Mrs. Murdoch MacKinnon, Rose Valley. This turnip, which was on display in Breadalbane Village, weighed twenty-one pounds.

Rev. Roy M. Johnston, South Range, Nova Scotia, who is secretary-evangelist of the Maritime Christian Missionary society, was the speaker in the Breadalbane Christian Church, on Sunday afternoon, November 23rd. Mr. Samuel Gillespie was the speaker at the evening service in the United Church. Mrs. Gillespie was the guest soloist.

The monthly W. M. S. meeting of the Crawford Memorial Christian Church was held on Thursday evening, November 20th, at the home of Mrs. Cuyler Matheson. The missionary lesson entitled "House to House Evangelism" was read by Mrs. Allan Hickson. Mrs. John Hickson told a very impressive story on "The Power of Prayer," appropriate readings were given by Mrs. Cuyler Matheson, Mrs. James Craig, Miss Juretta Murray, Mrs. P. E. Murray and Mrs. Kenneth Graham. A dainty luncheon was served by Mrs. Matheson and Mrs. Hammond Newton.

On Monday evening, November 17th a large number of neighbors gathered at the home of Mr. and Mrs. Art Van Evijk to welcome them and their family to this district. An enjoyable evening of music and games was culminated with an address which was read by Mrs. J. J. MacLeod, and the presentation of a well-filled purse, on behalf of those present, by Mrs. Lorne Seaman. Mrs. Van Evijk, when she had recovered from the surprise, thanked those present for their thoughtfulness. A bountiful lunch was served by the ladies.

The week from November 15th-22nd which was designated by the Canadian Library Association as Young Canada's Book Week in an effort to publicize the availability of good reading material for young people at the public libraries, was well observed in Breadalbane Library. Approximately forty young people visited the library on Thursday afternoon, November 20th. A fine selection of new books was on display and a pleasant afternoon of contests, reading and singing was enjoyed. The children were treated with homemade candy by the librarian.

The Strait of Gibraltar at the entrance to the Mediterranean varies from nine to 23 miles in width.

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.

BRONCHIAL ASTHMA

Do you gasp, wheeze and fight for breath, so you can't get proper sleep? Templeton RAZ-MAH capsules help you to breathe easily, relieved of wheezing and gasping. They loosen tight-packed phlegm in bronchial tubes, so it comes away easily. Sleep and work in comfort, take RAZ-MAH today. 65c, \$1.35 at druggists. R-55

We And Our Neighbours

by Ruhamah Scheinfeld Frank PSYCHOLOGY AND THE MOTORIST

The mounting number of motor accidents on P. E. I. has led to some discussion of the advisability of requiring applicants for drivers licenses to pass certain psychological tests—tests measuring acuteness of sight and hearing, and the less familiar time-reaction tests. It may be of interest, therefore, to devote this column and the next to such tests and to some of the problems involved in automobile driving.

In his constructive book, "Psychology in Use," ("psychology" is merely that branch of the science of biology that deals with human behavior) Dr. Stanley Gray of the University of Pittsburgh, includes a chapter by Walter C. Varnum of Los Angeles City College, that gives a detailed account of the reaction-time tests, and the results of studies made of problems related to automobile driving, by De Silva and his associates, at Harvard University.

To begin with, Dr. Varnum states that contrary to the general belief (in the U. S. and possibly P. E. I.) alcohol is not a major factor in automobile accidents. "Statistics show," says Dr. Varnum, "that in fatal accidents, only one driver in nine has been drinking prior to the accident."

Nor is speeding (in the U. S. and probably on the Island) most often the cause of fatal accidents. Road conditions, unsafe driving practices, drunken drivers, "all equal or exceed speed as contributing factors to fatal accidents," claims Dr. Varnum.

We are more or less familiar with tests of vision and hearing so we shall confine our attention at present to the reaction-time test. Such a test measures how quickly a driver can apply a brake after he sees a danger signal.

The apparatus consists of a chronoscope—"an accurate device for measuring time in units of at least one one-hundredth of a second, plus a stimulus board, usually a device for flashing a light, and the dummy auto."

The test procedure is described as follows: "The subject is seated at the apparatus with his foot on the accelerator. The accelerator can be connected to the speedometer in such a way that the subject may be required to press on the accelerator hard enough to 'maintain' a given speed. This does not, of course, exactly duplicate driving at various speeds, but it does require that the subject be exerting a muscular effort in connection with the accelerator instead of merely waiting to move his foot to the brake pedal."

When the signal flashes, the subject is told (beforehand) to apply the brake immediately. The switch which turns on the stimulus light also starts the chronoscope. The movement of the brake pedal stops the chronoscope as soon as the subject's foot reaches the brake. "The reaction time is the interval between the flashing of the light and the arrival of the foot on the brake pedal."

In the actual driving situation, the automobile reaction time is uniformly longer, partly because "the movement of the foot from the accelerator to the brake pedal is involved." The average person's driving reaction time (depending upon the apparatus used) is between one half and three fourths of a second.

If the subject is told to apply the brake when a red light appears, but to continue pressing upon the accelerator if a green light appears, the reaction time increases by as much as 50 percent.

The author cautions however, that although basic reaction time measurements has its limitations. Two factors are involved in stopping a car. First, the reaction time, and second the time required for the brakes to bring the car to a stop.

"Note," says Dr. Varnum, "that there is only a slight relationship between the speed of the car and

the reaction time of the driver whereas there is a very direct ratio between the speed of the car and the braking distance. Thus a car traveling at 20 miles an hour gives a reaction distance of 22 feet, whereas at 40 miles an hour, the reaction distance is, of course, 44 feet.

"The braking distance at 30 miles an hour, however, is 28 feet; while the braking distance at 40 miles an hour is 109 feet or almost four times as much.

"The faster the car is traveling, the smaller is the relative importance of the psychological factor. Obviously, this does not mean that we can omit the reaction factor, but it does mean," Dr. Varnum concludes, "that we cannot eliminate accidents by refusing licenses to drivers with slow reaction time."

Nor, as we shall find next week, by refusing licenses to the elderly whose vision and hearing are "not too bad," but not what they used to be. Human beings have a way of compensating for deficiencies.

Ruhamah Scheinfeld Frank

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IN MEMORIAM

In loving memory of **ELSIE B. McNEILL** who departed this life November 27th, 1943. Sadly Missed by Mother, Brothers and Sisters.

IN MEMORIAM

In fond and loving memory of **Raymond Joseph Gallant** December 3rd, 1944-1952. Fondly Remembered by the Family.

At snacktime — at mealtimes

Barbour's

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