

# Agricultural News

P. E. I. Department of Agriculture

**Crops**  
All field crops in the Province have made excellent growth this year. There is a definite trend downward in the potato acreage, and the indications are, at the present time, that this reduction will be from 8% to 10% in comparison with last year. Excellent reports have been received on the conditions of the crop, and while there may be a few isolated cases where misses have occurred this condition has not been serious enough to warrant complaint being forwarded through the different potato channels.

Hay is just getting under way, and the crop appears to be excellent. A very substantial amount of grass silage has been saved this year, and the fact that the saving of this crop has been on the increase is indicative of the value farmers have experienced with this excellent roughage feed. Grassland farming is receiving more attention each year, and with the utilization of grass in the form of silage for winter feeding the importance of this method of farming is increasing. All indications point to a bountiful crop of hay. There was apparently some killing of clover earlier in the spring as many of the new meadows do not show the promise of a heavy crop now as they did earlier.

The grain crop, also, looks healthy, and is showing that deep green colour that indicates vigorous growth.

Pastures, up to the present time, have been excellent, but continued dry weather would quite naturally dry them up very soon.

### Barbeque

This is the season when one can really enjoy chicken at its best. Especially when it is P. E. I. barbequed chicken. The Poultry Industry Committee is sponsoring a chicken barbeque on Thursday afternoon which is being held at the Experimental Farm, Charlottetown.

It is a very simple matter when you know how to prepare this delicious treat for your family. Why not come to the barbeque and see the home demonstration pits and obtain recipes for making sauces and preparing chicken.

### Blackleg

Losses have been experienced, in various parts of the Province, this spring from Blackleg. These heavy losses can be prevented by having your calves and heifers vaccinated. Blackleg is a highly fatal, rapidly progressive, infectious disease of young cattle. Animals between the ages of six months and two years of age are most susceptible although the disease sometimes occurs in both younger and older stock. The germs are found in the soil and on forage in many areas. Animals become infected by eating or drinking contaminated food and water or through punctures, wounds, and abrasions of the skin. Blackleg symptoms are easily recognized. There is loss of appetite, high fever, rapid breathing and lameness, afterwards characteristic swellings appear in the muscles under the skin of the neck and shoulder. One or more of these symptoms may be absent. Therefore it is necessary to have the case diagnosed by an experienced man. Death usually occurs twelve to thirty-six hours after the first symptoms are noted. There is no practical treatment for Blackleg. Vaccination is the only reliable and effective means of protecting animals against this disease and should always be done

before animals go out to pasture. However, if your animals have not been done do not hesitate to have them vaccinated. The practice of using the pills shot under the skin is not satisfactory, and in a great many cases does more harm than good. The most satisfactory way to have your animals vaccinated is to contact your district veterinarian.

Blackleg, while chiefly a disease of young cattle, frequently occurs in sheep. Heavy losses of lambs from blackleg have resulted when freshly docked or freshly castrated lambs were turned out into pasture where the soil was heavily contaminated with blackleg germs. The symptoms of blackleg in sheep closely resemble that of cattle. Sheep and lambs can also be protected against this disease by vaccination.

### Prevention of Crippling

The cost of feeding pigs just weaned is not great but it is very important that they are adequately and properly fed at this time. It is cheap insurance. Later on when they attain some size and age, coarser and cheaper feeds may be fed more safely. The food provided for weaning pigs should be easily digestible and the following recommendations will serve as a guide in feeding and will prevent the occurrence of crippling.

The feed mixture should be low in hull or fibre. If common oats are used, they should be ground and fed through a fine fan. If hull-less oats are available and ground they are most acceptable.

Newly weaned pigs should be fed three times a day but do not over-feed them and the amount they should get should be gauged by their appetites. There should not be any feed left in the trough by the time of the next feeding. Wherever skim milk or buttermilk is available it should be given to them because they are particularly valuable for the young growing pigs. Care should be taken not to make abrupt changes from skim milk to sour milk or vice versa. If no milk product is available protein mineral supplement should be added to the grain mixture.

During winter, and even in other seasons, if the pigs are kept closely penned a standard feed of either type A or B containing 1,000 units of Vitamin A and 200 units of Vitamin D should be added to the feed once a day. This is to safeguard against crippling.

At any time when changes of feed mixtures are contemplated, it should be done gradually rather than abruptly. This should be done to avoid digestive disturbances which sometimes follow quick changes in the diet.

**Pasteurization of Milk and Its Functions**

To guard against the spread of disease through milk, pasteurization is generally adopted, especially for the fluid milk and cream trade. Its object is to make good milk—a safe milk. It cannot hope to turn bad milk into good clean milk. Pasteurization will kill infectious germs and about 99% of other bacteria which though not disease producing will affect the quality of the milk. Pasteurization will delay further spoilage and lengthen the keeping quality of poor milk, but it cannot restore the quality of clean milk lost through bacterial growth previous to pasteurization. It cannot restore cleanliness in production. Strictly speaking, clean milk should contain neither foreign matter nor

any foreign bacteria whatever. It is sufficient to consider clean milk as milk from healthy cows, free from dirt and foreign matter, containing only a small number of bacteria, none of which are disease producing.

The presence of visible dirt when milk is filtered is often taken as a measure of its uncleanness. Visible dirt is a sign of gross carelessness in handling a high number of germs. Milk may be seriously contaminated and not show visible dirt. Clean milk then should be more than clean to the eye—it should be bacteriologically clean.

**Contamination of Milk**  
From the time it leaves the cow until it is consumed or used in manufacture, milk is constantly subjected to bacterial contamination and growth. Every change from one container to another, every hour it remains at ordinary temperature adds to its total germ content. The number of bacteria in any sample of milk will depend on the amount of contamination from outside sources, and the extent to which the added bacteria are increased. The production of bacteriologically clean milk depends on keeping outside contamination at the lowest point and checking the growth of germs that enter, which of course, is done by cooling.

**Sources of Contamination:** Two sources stand out very prominently in contributing to contamination, namely imperfectly cleaned utensils and dirt from the cow.

**Contamination From The Cow's Body**  
The cow's body is one of the greatest sources of visible dirt found in the milk. The trouble is caused by particles of manure, hairs, dandruff and other foreign material dropping into the milk pail during milking, and this can be prevented by making sure that the animals are clean at milking time. Even a small speck of dried manure containing millions of undesirable bacteria which will cause spoilage of the most objectionable kind. Consequently the efforts of the clean milk producer should be directed toward keeping the body of the cow clean.

The flanks and udder of the cow should be brushed off every day, and she should not be permitted to lie in unsanitary bedding. Brushing of the cow is best done about a half hour before milking and reinforcement should be prevented by removing any source of contamination out of reach of the animal. The stable and bedding must be clean.

The cows can be kept clean more easily if the hair on the udder and flanks is kept short by clipping. A disinfected damp cloth should be used to wipe off the udder and teats before milking to remove dust and loose hairs. This cloth should be dipped in the disinfected solution before being

# CITY AND DISTRICT

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

CRASWELL for Better Photographs.

WINSLOE CONGREGATIONAL TEA today, enjoy Chicken, Ham, Salad, etc. Don't miss it.

NAME OMITTED — When the prize list at Queen Square School was published recently the name Robert Greenan was inadvertently omitted from the list of those with a perfect attendance in Grade 10.

RECEIVES SAD NEWS. — Word has been received by Mrs. W. H. Phillips, Charlottetown, of the death of a cousin, Lesley Arthur Scott, son of Arthur W. Scott, Reading, Mass. He passed away June 23rd and funeral service were held on June 26th.

POST-NUPTIAL SHOWER — Previous to their departure for Toronto, a miscellaneous shower was held in honor of Mr. and Mrs. George O'Connor at the home of Mr. and Mrs. Joseph Foley, Kildare, on June 23. A basket laden with gifts was brought in by little Misses Marsha MacDonald and Helen Foley. Gifts were opened and arranged by Misses Agnes and Gertrude O'Connor. Mrs. John MacDonald read the accompanying verses. George on behalf of his bride thanked all for their lovely gifts after which all joined in singing "For They are Jolly Good Fellows." Lunch was served by the hostess, assisted by the groom's sisters. The evening was pleasantly spent in dancing to the music of Mr. Howard Foley, Mr. and Mrs. Ray Laughlin, Messrs. George and Cyril O'Connor, Mr. Urban Laughlin and Miss Agnes O'Connor.

TOWN TAXI—Dial 5670.

JIMMY'S TAXI — Dial 7378 1370 or 5252.

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

KEROSENE, Electric and Propane Gas, Refrigerators, Bryenton and MacKay.

PENTECOSTAL TENT MEETINGS at North River, Wednesday, and Friday at 8 o'clock and Sunday at 7:30 p. m. Standard Time.

WINS CONTEST. — Seven year old Marilee MacNeill, North Wiltshire has won first prize in the Junior Grades, in the Dominion Temperance Scrap Book Contest. The contest was held in Regina, Saskatchewan.

BREADALBANE PRESBYTERIAN CHURCH. — Sacrament of the Lord's Supper will be dispensed on Sunday, July 11th, at 11 a. m. Preparatory service Thursday, July 8th, at 8:15 p. m. The Interim Moderator, Rev. Lawrence Blaikie will conduct the Sunday Service. Goodwill MacDougall, Student Minister.

# Ruhamah Scheinfeld Frank

## We and Our Neighbors

WHOSE GARAGE IS IT?

"Look, Mr. Swallow," I plead, "can't I even get a few logs for my fire?"  
The swallow from his stand on the electric wire, turns his head slightly to the side and seems to consider my words.  
I venture into the garage, presumptuous me. He only weighed my request, he didn't say, "yes."  
There is a wild chirping, a fierce flapping of wings. From her nest, Mrs. Swallow joins him. Both circle threateningly, always nearer my head. They mean business, those two. I fear for my eyes. I retreat.

Season after season these swallows build their nest in our garage and we meekly park our car in the yard. One year the roads were so bad we kept the car in the garage and locked the door. Never again. We were conscience-stricken when we noticed the swallows flying around the garage, crying pitifully to get in.

A few logs compared to the color and excitement that came in the wake of generations of swallows? "One swallow maketh not a summer," but a couple of swallows and their descendants add infinitely to its joys.

A rare pleasure for example, is watching the ways of parent swallows with their young. Certainly I do not claim the wisdom of Solomon and his knowledge of the language of the birds, but I am quite sure I have overheard conversations like this:  
"Perch here on the rim of your nest, young ones, and exercise your wings. You can't learn to fly all at once. It takes practice. Good.

Alberton, Prince Edward Island. The couple are honeymooning in Canada.  
The bride wore a full length gown of chantilly lace tulle and satin seed pearls decorated the collar and bodice of the gown. She wore a crown and fingertip veil. In her veil were amazon stephanotis. Mrs. Ila Jameson was matron of honor and Georgia Snell was flower girl. Patricia Gordon, Mrs. Dorothy Snell and Mary Gordon were bridesmaids. They wore pastel colored dresses and carried roses and carnations. Le Roy Gross served as the groom's best man. Ushers were Abner Snell, Stewart Harrison and Alfred Ward. A reception for 200 guests was held at Craftsmen's Hall. The best of wishes follow Mr. and Mrs. Smith from their island friends.

MacPherson-MacDonald Wedding  
St. George's, P. E. I. was the scene of a pretty wedding on June 16 when Mary Magdalene, daughter of Mr. and Mrs. George MacPherson of Launcheon, was united in the holy bonds of matrimony to Robert J. MacDonald, son of Mr. and Mrs. Vincent MacDonald of Little Pond.

The double ceremony was performed by Rev. Charles MacDonald, cousin of the bride, who also celebrated the Nuptial Mass. To the strains of the "wedding march" the bride entered the church on the arm of her father, who gave her in marriage. She was attended by her close friend, Miss Theresa Walsh of Bedford, while the groom's brother, Mr. J. Arthur MacDonald was best man.

The bride's dress was white silk net over taffeta, with brocaded bodice. Her finger tip veil of tulle illusion was held in place by a coronet of pearls. She carried a bouquet of red carnations. The bridesmaid wore mauve silk net over taffeta and carried a bouquet of yellow mums.

After the ceremony the bridal party motored to the home of the bride where a wedding breakfast was served to the immediate relatives of the bride and groom. The toast to the bride was proposed by J. Arthur MacDonald and speeches were made by Rev. B. J. MacDonald and Rev. Charles MacDonald. A three tier wedding cake adorned the table.

The bride and groom left on a short honeymoon trip over the Cabot Trail C. B. and Halifax, N. S. For travelling the bride wore a navy suit with white accessories.

Previous to her marriage the bride was tendered two showers by her girl friends of Hamilton, Ont. where she has been employed for the past three years.

Out of town guests included: Mr. Donald MacPherson, Miss Mary McGie, Mr. Fred Peters, Miss Bertha McClure and Frank Blackett, all of Hamilton, Ont.

### Personals

Mr. Bennie Watts of Grand Tracadie is now working in York.

Miss Evelyn Woolner of Ottawa, is spending her holidays with her parents, Mr. and Mrs. B. C. Woolner, North Rustico.

Mrs. L. D. Warren of Ottawa, is visiting in Cavendish, the guest of her brother and sister-in-law, Mr. and Mrs. Ernest MacNeill.

Friends of Mr. W. Earl Warren, Charlottetown regret to learn that he suffered a severe heart attack on Monday. He was taken to P. E. I. Hospital, where his condition is regarded with some concern.

Mrs. Horace Paynter, Mrs. E. H. Bean, Mrs. Robert A. Stavert, Mrs. John Thompson, and Mrs. Alex Hiltz of Kensington, attended the annual meeting of the P. E. I. Presbyterian Church held in St. James Church, Charlottetown on July 2.

Miss Dorothy Jean Gordon, daughter of Mr. and Mrs. Richard C. Gordon, Chicago, Ill., was married to Erskine B. Smith Saturday morning, June 19, at St. Sebastian Church. The groom is a son of Mr. and Mrs. Brydon Smith.

### Smith-Gordon Wedding

Miss Dorothy Jean Gordon, daughter of Mr. and Mrs. Richard C. Gordon, Chicago, Ill., was married to Erskine B. Smith Saturday morning, June 19, at St. Sebastian Church. The groom is a son of Mr. and Mrs. Brydon Smith.

used on each cow. Disinfectants for this purpose may be purchased from any dairy supply house with the directions for use enclosed.

**Chick Range And Shelters**  
Very little literature has been published on poultry pastures, and experiments carried out in Quebec last year have shown that the following legumes are good: Ladino, Clover, Alfalfa and Birdsfoot Trifol. Recommended grasses for poultry pasture are Bromes, Kentucky Blue and Timothy.

Birds should never be reared on the same range each year but the land should remain free of poultry for a year or two before returning birds to the pasture.

Birds can be allowed on range at eight weeks of age providing the weather is suitable and proper range shelters are supplied. A range shelter 6 ft. by 8 ft. with a steel or aluminum roof and slatted floors is suitable for 100 growing birds. The posts of the shelters are generally 18 inches high. The sides and ends are covered with wire netting. These shelters give wonderful ventilation and the entire floor space can be used for roosting quarters. Young birds should be left in the shelter for at least a day and a night, and the range space limited for a few days with a temporary wire fence until the chicks are accustomed to their new home.

400 chicks can be reared on an acre of good range land but if insufficient range is provided the land soon becomes bare and polluted with droppings containing worm eggs and disease organisms. Chicks grown on good pasture can be grown on 10-15% less feed, and obtain valuable feed nutrients and ideal sanitation. Scratch grain and growing mash is a 3:1 ration, with insoluble grit before the chicks at all times is a recommended feeding programme for the birds on a good pasture.

After the chicks are removed from their range shelter the land in the immediate vicinity should be limed heavily, plowed, and sown to a greencrop.

# Tadgell-Benner Wedding

Miss Helen Isabelle Benner daughter of Mr. and Mrs. Herbert Dexter Benner of Greenwood, Mass., and Robert Edward Tadgell of Arlington, Mass., son of Mrs. George Harvender and the late Albert Tadgell of Arlington were united at a wedding ceremony at the First Congregational Church, Melrose, on June 19. Rev. Clarence Fuller, the pastor, performed the double ring ceremony in the presence of about 200 guests, and the bride was given in marriage by her father. The bride was gowned in white nylon tulle, styled with a fitted bodice and a bouffant skirt, with applique of imported Swiss embroidery, and chapel length train. Her finger tip length veil of illusion was held in place with a calotte of Swiss embroidery and seed pearls. She carried a bouquet of white roses and stephanotis with a white orchid centre. Her cousin, Mrs. John Fox of Alexandria, Va., attended her as matron of honor, gowned in pale yellow taffeta, and her bridesmaids were: Miss Phyllis Shattuck of Melrose, Miss Helen Mass, was best man, and the ushers were: Robert Bowker, Robert Hudson and Richard Tadgell of Arlington, and Alfred Tadgell of Plymouth, Mass.

Following the ceremony a reception was held in the parish hall of the church. The bride's mother wore a gown of rose taupe lace over pink taffeta with pink accessories and a corsage of pink roses and stephanotis. Mrs. Har-

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vender wore dusty rose lace and crepe with white accessories and wore a corsage of pink roses and stephanotis. Miss Joyce Smith of Andover was in charge of the guest book. The bridal couple left for a wedding trip through Canada and Virginia. The bride is a granddaughter of Mrs. James Bell, Cape Traverse, P. E. I. Mr. and Mrs. David Murphy, Cape Traverse, P. E. I. uncle and aunt of the bride attended the wedding.

### ALBANY VILLAGE SCHOOL

June Report  
Grade X — No exams.  
Grade IX — 1. Jackie McKenna; 2. Dalbert Dawson; 3. Phyllis Warren.

Grade VII — 1. Donnie MacCormac; 2. Elizabeth Trainor; 3. John Noonan.

Grade VI — 1. Albert MacLeod; 2. Allison Green; 3. Robert Murray.

Principal, Helena Green.  
Primary Department: Noonan; 2. Aileen Muttart; 3. Charles Murray.

Grade IV — 1. Garth Murray; 2. Alan MacCormac; 3. Garth Butterfield.

Grade III Sr. — 1. Marilyn Noonan; 2. Sandra Green; 3. Billy Bassett.

Grade III Jr. — 1. Harvey Dawson; 2. Eleanor Noonan and Margaret Ann Warren; 3. Alan MacCormac, Paula Green, and Vivian Bassett; 3. Garth Butterfield.

Grade I — 1. Jean Bassett; 2. Rowena Sherry; 3. Doreen Sherry, Sharon Walsh, Assistant, Frances Cairns.

### FAMOUS EDIFICE

Oldest medieval fortress in Europe is the Tower of London, built by William the Conqueror.

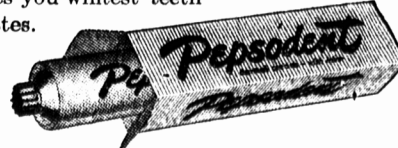
Your own dentist will tell you...

YOUR TEETH CAN ADD YEARS TO YOUR FACE\*



GET WHITER, YOUNGER-LOOKING TEETH IN JUST 3 WEEKS WITH PEPSODENT

\*Your dentist has a tooth shade detector—it clearly shows that your teeth lose whiteness as you grow older. But far too often, people let their teeth grow dull before they should, adding unnecessary years to their appearance. Keep your teeth white, younger-looking with Pepsodent. Impartial laboratory tests prove that Pepsodent Dental Cream gives you whitest teeth—whiter than other leading toothpastes. And remember—white teeth are clean teeth—and clean teeth help prevent tooth decay.



FOR WHITER, YOUNGER-LOOKING TEETH USE PEPSODENT

## DAILY CROSSWORD

- ACROSS**
- Fall flat on water
  - Military life
  - Tan-colored antelope
  - Beetle
  - Sand dum. (Brit.)
  - Polar jacket with hood
  - Newt
  - Crows old
  - West Indies (abbr.)
  - Selenium (sym.)
  - Part of a check
  - Tavern
  - Sprinkled
  - Oil of rose petals
  - Apportion
  - Without tracks
  - Milkfish
  - Tapering rods, as used in billiards
  - Music not
  - Louisiana (abbr.)
  - Sweetop (P. I.)
  - Big famous clock
  - Pellucid, as water
  - Malayan boat
  - Dispatch boat
  - Retinue
  - Paradise

- DOWN**
- A monitor (Eng.)
  - Flour
  - Fetish (W. Afr.)
  - Greek letter
  - Thickets
  - Of cane
  - Biblical name
  - Disfigure
  - Shrimplike crustacean
  - City
  - (Russ.)
  - Chills and fever
  - A charm
  - Asterisk
  - Not working
  - Wheat-flour
  - Ind.
  - Measures of length
  - Bonelike
  - City
  - Chained
  - Braided
  - After the (man-ner) of
  - Forgo
  - Projecting end of a broken
  - Crushed seed coat
  - Middle
  - For Township (abbr.)

Yesterday's Answer

24. Projecting end of a broken
25. Crushed seed coat
26. Middle
27. For Township (abbr.)

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41	42	43	44
45	46	47	48	49	50	51	52	53	54	55
56	57	58	59	60	61	62	63	64	65	66

DAILY CRYPTOQUOTE—Here's how to work it: AXYDLBAAXE / LONGFELLOW

One letter simply stands for another. In this example A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each day the code letters are different.

A Cryptogram Quotation  
SYM FT TATQRIZHU QYM YMUIR  
RY KI EHL HYRIZHU RIER QYM  
YMUIRH'R-USDKTRF.

Yesterday's Cryptquote: NO MAN WILL BE A SAILOR WHO HAS CONTRIVANCE ENOUGH TO GET HIMSELF INTO A JAIL.—JOHNSON

## More Food ENERGY in Every Spoonful!

Hi, Vi! Lost your zip? For breakfast change to GRAPE-NUTS—the cereal that's brimful of ENERGY.

I'll stick with ENERGY-packed Grape-Nuts — helps renew my spark 'n crackle.

Crisp, golden kernels sweet-as-a-nut... from whole wheat and malted barley—SWELL!

There's up to eight times as much energy in every spoonful of Grape-Nuts — more energy per spoonful than in any other cereal — cold or cooked.

Post's GRAPE-NUTS  
FAMOUS FOR FLAVOR AND ENERGY

A Product of General Foods G-144