

# Agricultural News

P. E. I. Department of Agriculture

## Approved Flock Assoc.

The annual meeting of the P. E. I. Approved Flock Association is being held this year in Summerside on January 26. The program will get underway with a dinner at 12:15 p.m. in the Baptist Church hall.

Mr. Dingwell MacLeod, who had the best box of dressed poultry at the Royal Winter Fair, will receive the E. D. Bonnyman Honour Cup Award.

Several very important matters are on the agenda for discussion. All those who are interested in the promotion of the Poultry Industry in this Province should attend and take part in the deliberations.

## Composition of Feeds

Feeds are composed of many substances, each having a specific function. The more common substances are water, protein, carbohydrates (which include the easily digested starches and sugars) and the more woody-like fibre, fat or oil, mineral or ash material and vitamins.

**WATER.** Feeds vary greatly in moisture or water content. For example, oats and barley usually have from 8 to 10 per cent, while silages, roots and green feeds have from 70 to 90 per cent.

with an eye to both present and future financial returns. The first and most obvious requirement is to obtain sufficient material for his needs, yet the volume cut should not be greater than the annual growth. In the woodlot of from 20 to 25 acres, it is good practice to cut and put in condition about two acres each year, so that the same area can be gone over again in 10 to 12 years. Few of the younger trees should be cut, for it is these that provide the most vigorous growth; in fact, cutting as lightly as possible is recommended for the first year.

The second consideration is to leave enough trees properly spaced to shade the ground. Generally the trees left will be of a younger generation than those cut, but occasionally mature trees should be removed where wide expanses of the ground open to direct light. The third and last point to be remembered concerns the condition of the stand after cutting operations have stopped. It is not sufficient to leave an adequate number of trees properly spaced; in so far as possible the remaining trees should be thrifty specimens of the better kinds.

## Alr Requirements of Livestock

A dairy cow breathes approximately 2 cubic feet of air per minute. In this action of respiration, oxygen is absorbed and warm moist air containing carbon dioxide is exhaled. For the health of livestock it is necessary, therefore, to remove this foul, moist air from the barn and admit a continuous supply of fresh air. Although 2 cubic feet of air per minute is normally required to keep a barn reasonably free from objectionable odours, moreover, during mild weather as much as 150 cubic feet of air per cow per minute may be required to remove excess moisture from a dairy barn.

## Why Lime is Necessary

Lime is essential for humus production for two reasons. First, calcium is needed for bacterial nutrition just as nitrogen is needed. Withholding calcium will starve bacteria as surely as withholding nitrogen.

Second, lime is needed for neutralizing the organic acids produced by the bacteria when they break down raw organic matter. If these acids accumulate through lack of neutralizing lime, bacterial activity will be markedly reduced. If the soil is "acid" (has a low pH) to begin with, it is all the more important to provide lime. Even soils considered sufficiently limed for crop production require additional amounts during humus production.

## Poultry Club News

The Mount Buchanan Poultry Club held their reorganizational meeting on January 7th at the Co-operative Store. The following members were appointed to the executive: president, Pat Hughes, vice-president, Thane Anderson; secretary-treasurer, Donald MacDonal. Other members present were: Louis McGuire, Kevin McGuire, Beryl Robbins, and Edward Hughes. The adult directors for the coming year are Messrs. Merlin MacDonal, Keith Webster, and Sidney Anderson.

The business part of the meeting concluded with the distributing of the prize money for the year's work.

The Mount Buchanan Poultry Club held their reorganizational meeting in Mount Buchanan School on January 15. The following members were appointed to the executive: president, Florence Larsen; vice-president, John MacLean; secretary-treasurer, Martin MacRae; adult directors are Messrs. Aage Larsen, Hector MacLeod, Peter MacDonal and John Nicholson.

Other members attending the club are Caryl MacRae, Donna MacRae, Joan MacLeod, Albert Larsen, Lester Nicholson, Danny Larsen, Stanley Nicholson, Danny MacDonal and Ronnie MacDonal.

The prize money for the year's work was distributed to the various members. It was suggested that the next meeting be held on February 18. The roll call is to be answered by the name of your favorite hockey player.

The reorganizational meeting of Sherbrooke Holstein Club was held at the home of Club Leader, Urban Laughtin, on January 13. Three new members joined the club; they are Marilyn MacDonal, Allison Chappell, and Peter Dekker.

Officers elected for the coming year are: president, Junior Colwill; vice-president, Clarence MacDonal; secretary-treasurer, Frances Colwill.

## Definitions of Feed Terms

### 1. CONCENTRATES

Concentrates are feeds low in fibre and supplying large amounts of nutrients. Cereal grains, oil meals and milk powders are examples.

### 2. GRAIN GRADES

Definite standards are set up under The Canada Grain Act. The following table serves to illustrate in an abbreviated form the minimum standards for some of the grades of Western grains commonly fed to live stock:

Minimum Weight Per Bushel	Maximum Weight of Seeds	Limits of Other Grains
No. 2 C. W. Oats	36 3/4	3
No. 3 C. W. Oats	34 3/4	6
No. 1 Feed Oats	34 1/2	12
No. 1 Feed Barley	46 1/4	4
No. 2 Feed Barley	43 1/2	10

### 3. PROTEIN-RICH FEED-PROTEIN SUPPLEMENT-PROTEIN CONCENTRATE

These are more or less interchangeable terms used to describe concentrate feeds or mixtures of concentrate feeds containing a high percentage of protein.

### 4. RATION

A ration is the amount of feed fed to an animal over a period of 24 hours.

### 5. BALANCED

A balanced ration is one which furnishes the several nutrients—protein, carbohydrates and fat—in such proportion and amount as will properly nourish a given animal for 24 hours.

### 6. ROUGHAGES

Roughages are feeds relatively low in total nutrients and usually high in fibre content. Succulent feeds, while not in fibre and usually having a moisture content of over 70 per cent are also classified as roughages. The following classification will show the kinds of feeds included under roughages: Dry roughages are hay and straws, corn stalks, millet hay, chaff and oat hulls. Succulent roughages can be divided into three groups: Silage Crops, Green Crops and Root and Tuber Crops.

### 7. TOTAL DIGESTIBLE NUTRIENTS

The term, total digestible nutrients, includes all the digestible nutrients—protein, carbohydrates (fibre and nitrogen-free extract), and fat (the latter being multiplied by 2 1/2 because the energy value is greater than that of protein or carbohydrates) in a feed stuff or ration. It represents the approximate heat or energy value of the feed.

### Points to Consider When Cutting Woodlots

A threefold purpose should guide the farmer who cuts his woodlot

# THE CENTRAL GUARDIAN

**COOK'S** for Perfect Pictures  
**BURNS Anniversary concert P. D. C. hall Tuesday, Jan. 26.**

**BAPTIST MEN'S** supper meeting 6:15 tonight. All men invited.

**SEEDS!** Write for free catalogue. Arthur Vesey, York.

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

**WORTH'S DRUG STORE** will be the only drug store open this afternoon and evening.

**HEAR LOUISE ROY**, distinguished Canadian soprano in Prince of Wales Auditorium, Monday, January 25th, at 8:30. Tickets at door, adults 75 cents, students 25 cents.

**ANNUAL congregational meeting** for Clyde River Presbyterian Church will be held this evening. Donald Nicholson, Minister.

**MEN'S QUICK LUNCH**—Wednesday Special, Chilled Tomato Juice, Hamburg Steak and Onions, Mashed Potatoes and Turnip, Rolls and Butter, Tea, Coffee or Milk 55 cents.

**CHURCH OF SCOTLAND** Service, Charlottetown, Mid-week service, Wednesday, Jan. 20th, 7:30 p.m.; Sabbath services, Jan. 24th, 11 a.m. and 7 p.m.; S. S. 2:30 p.m. Rev. J. H. Bishop, Minister.

**ENGAGEMENT**—Mr. and Mrs. J. Arthur Richard, Humphreys, N. B., (formerly of Charlottetown, P. E. I.) wish to announce the engagement of their daughter Patricia Marie to Lorne Melvin, son of Mrs. Lawrence Hennessey and the late Lawrence Hennessey of Charlottetown, P. E. I. Wedding to take place January 28th, 1954 at St. Bernard's Church, Moncton, N. B.

**FUNERAL AT KELLY'S CROSS**—The funeral of the late Mrs. Charles Woods was held Saturday morning from her late residence to St. Joseph's Church, Kelly's Cross, where Requiem High Mass was celebrated by her pastor, Rev. J. A. Smith who also officiated at the grave. Pallbearers were Messrs. Reginald Kelly, Earle Kelly, Richard Kelly, Fred Bradley, Maurice Bradley, and Eddie Bradley.

## Compulsory Unionism Defeated in Australia After Hot Rumpus

By Louis L. Leck  
Canadian Press Correspondent

SYDNEY, Australia, (CP)—Compulsory unionism, subject recently of the hottest Australian political rumpus in years, has had its first defeat.

A young Sydney woman who objected on religious grounds to joining a union has had her objection upheld by the New South Wales industrial registrar.

New South Wales legislation compelling adult workers to belong to a union was put through by the state Labor government in the face of strong opposition, some of it in Labor's own ranks. The legislation became law in December and non-unionists were given 28 days to join, but the time limit is not being observed strictly by the government. Compulsory union has long been established in the neighboring state of Queensland.

The new law includes all employees whose work is covered by a New South Wales industrial award and some of the big unions expect to harvest a big increase in union fees. Critics of the measure have claimed that its main inspiration was the desire of the unions, translated into pressure on the government, to swell their funds and their power.

## Soviet Political Leader Dies At 70

MOSCOW, (AP)—The death of Matvei F. Shkiriyatov, 70, an odd-time Soviet political leader and one of the top 15 men of Soviet Russia, was announced today by the Soviet news agency, Tass.

Shkiriyatov was a member of the central committee of the Soviet Communist party and chairman of the commission on party control.

He received the Order of Lenin, Russia's highest civilian honor, last August, on his 70th birthday. He was a member of the presidium of the Supreme Soviet and the presidium of the party for some years but was not included in the streamlined party presidium last March after Georgi Malenkov succeeded Stalin as premier.

## By-Election Issue

The critics are jubilant over the defeat of a federal Labor candidate in a by-election last month in a New South Wales county riding. In the campaign the non-Labor forces made "forced unionism" the big issue.

The law has always provided a loophole for people who object on religious grounds to being unionists. The first successful objection to the new act, therefore, was not remarkable. But it has stirred some uneasy feeling among union officials and other government supporters that objectors who aren't really religious may use the loophole to avoid joining the unions.

One suggestion is that the objections, now heard in private, should be made public hearings. The sponsors of the idea apparently feel that only objectors with

## We And Our Neighbours

by  
Ruhamah Scheinfeld Frank

I have spent many hours recently poring over Hilda Neatby's much discussed "Indictment of Canadian Education," as set forth in her book, "So Little For the Mind." Certainly, there is "food for thought" in it. No system of education is infallible. No educator can offer a perfect solution to educational problems. In stimulating examination of educational theories and practices, teacher training and school administration—and even our democracy that she continually questions—her work is constructive.

However, in my opinion, Miss Neatby's book has a number of serious flaws that rob it of much of its force and value. To begin with, her assumption that "progressivism" is widely practiced, in the English speaking sections of

## Canada, and more so, in the United States, is highly doubtful.

Of the United States, I can speak with certainty. In New York City, for instance, free of the public schools (tuition free) can be called "progressive." Many have borrowed an idea or two, but many more are so over-crowded that it is impossible to give children the opportunity to "learn by doing," basic to progressive education. (This theory is the object of wholesale criticism by Miss Neatby. She calls it "anti-intellectual," ignoring the thinking and planning, research and composition writing, as well as manual work, that go into a project like "A Pioneer Settlement in Western Canada.")

In his textbook, "Psychology of Adolescence," published in 1929, Raymond Kuhlén, states "Schools in the U. S. differ also in policies and practices. Some schools believe in reading, writing, arithmetic; some believe in greater emphasis on social studies, human relationship, general understandings, personal adjustment. Some are tense centers with rigid discipline; other schools are relaxed."

I cannot prove at this writing that the other Canadian provinces are not permeated with "progressivism" but educational authorities at Prince Edward Island, I believe, will agree that it hasn't gained much of a foothold here. Yet in her book, Miss Neatby implies that such is the case by quoting from the P. E. I. course of studies, to illustrate one of her favorite criticisms of progressive education.

The quoted passage reads: "The home, the church, the community at large all have their part to play as well as the school. It is the special task of the school to guide the child through all his experiences toward the aim we have in view—Good Citizenship."

"Is it?" asks Miss Neatby. "Is it not rather the special function of the school to do what no other agency is equipped to do, concentrate on the steady day to day job of conveying useful knowledge and developing the capacity for using it?"

This points up one of the flaws in the book. From an innocent sentence, in a course of study, Miss Neatby infers that drastic changes along progressive lines, threaten the schools of P. E. I. as well as the others in Canada, with "intellectual barbarism and moral anarchy."

Further, her expression of the "special function of the school to do what no other agency is equipped to do" is in direct contradiction to her wish that schools should do the work of the church—teach religion.

"Unfortunately," says Miss Neatby, "the religious teaching now carried on in most Canadian schools, is, as a rule, not an integral part of the program. Like so many other things, it is pushed in as if in fear of missing something good. The whole program of religious teaching in state schools is extremely difficult however, and existing arrangements may be the best obtainable. It is encouraging to observe, that in many places the matter seems to be receiving increasing attention."

As Miss Neatby's title, "So Little for the Mind" indicates, she believes that progressive education fails to train the mind and fails to impart knowledge. She does concede that "its sympathetic and understanding attention to the

## Really conscientious grounds would face that kind of ordeal.

What may seem more serious to the state Labor government is a legal challenge by half a dozen big employer organizations. They are attacking the new law on constitutional grounds. The new act says the employers must give absolute preference in employment to unionists and imposes heavy penalties on those who knowingly keep non-unionists on their payrolls.

The challenge will be heard in the High Court.

## Piece of String Rescues Boy

GODSTONE, Eng. (AP)—A slender piece of string led a 17-year-old boy to safety Monday out of the labyrinthine passages of a cave near here.

The youth, Donald Lejeune, stumbled out of the cave shortly before dawn and said "thank you" to a dozen policemen, a dozen firemen, volunteers and police dogs who had hunted for him through the night.

Police entered the cave, passages of which extend for eight miles, after two youths of an exploration expedition reported they had become separated from Lejeune in none of the dark caverns.

Searchers didn't find him, but Donald encountered one of the lengths of cord which police had spun out as they groped through the caverns. He followed the string to the entrance.

## FAVORITE DISH

DARTFORD, England (CP)—Officials of the big Dartford Hospital estimated that patients and staff consume seven tons of sausage each year. They figured the sausage would stretch nine miles, if laid end to end.

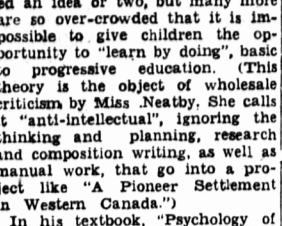
## Card Of Thanks

I wish to thank the doctors, nurses, and staff of the Prince County Hospital, also those who visited me, brought treats and sent cards during my stay there.

Malcolm Campbell  
Graham's Road.

## Bringing Up Baby

Hints Collected by  
The Sun Editor  
(Mother of 5)



Babies, even like the best-fit of us, do come down with minor ailments from time to time. When your baby is convalescing from an upset, remember:

1. It takes time for baby to get well. Your worry won't hasten recovery.
2. It's better for baby to eat less. He'll ask for more food as soon as his system is ready for it.
3. Don't try new foods at this time. Never wake him for a feeding.

## For eager eating. When your doctor says: "Cereals," you'll want to offer baby Gerber's Cereals...

For their mid-pleasing flavors and the smooth, good-feeling texture little ones just learning about solids prefer. All five—Mixed, Rice, Barley, Oatmeal and Wheat Cereals, are fortified with vitamins and minerals—are precooked and ready to serve, with formula, milk or other liquids.

## For sweeter dreams. Before lullabying baby to sleep, be sure his diaper and nightie are not too tight. Check to see that he has at least 2 fingers of space between him and his clothes.

Baby "cutting up"? If your tot has reached the teething stage, he needs something wholesome and helpful to chew on. Gerber's Teething Biscuits are made especially for this "trying" time. Baby gets lots of chewing satisfaction from Gerber's Teething Biscuits—and their special smooth shape is easy for little hands to hold, gentle for tender gums. Nice for you, too—no mess from crumbling because teething biscuits are so firm. Their individual wrapping makes them easy to carry.

Help from you. If you have any tips you'd like to share with other mothers, send them to me: Box 17, Toronto 18, Canada.

**ALKALIZES and RELIEVES CONSTIPATION**

TAKE **PHILLIPS' MILK OF MAGNESIA TONITE**

WAKE UP FRESH FULL OF PEPS!

PHILLIPS' MILK OF MAGNESIA TONITE

**SPRING PARK VILLAGE SPECIAL MEETING**

Special meeting of Ratepayers of the Village of Spring Park in Spring Park Hall Monday, January 25, at 7:30 P. M., for the purpose of approving a tax rate and voting money required for year 1953.

Signed:—  
J. EDMOND ARSENAULT,  
HOWARD DOUGLAS,  
RANDOLPH MANNING,  
Commissioners.

# When You Want to Impress a V.I.P.

MAKE the grandest lemon pie a V.I.P. (very important person) or anyone ever tasted. Smooth, full of pure lemon flavor from real fruit.

No doubt about the outcome when you make lemon pie with Jell-O Lemon Pie Filling. It's never too thick, never too thin. A melt-in-the-mouth consistency you'll love!

You'll love the time-saving, too. Be sure to get several packages of Jell-O Lemon Pie Filling today. Not a lemon jelly. (Jell-O is a registered trade-mark, owned in Canada by General Foods, Limited.)



**JELL-O PIE FILLINGS**

Lemon Coconut Cream

COCONUT CREAM PIE is another attention-getter. Use Jell-O Coconut Cream Pie Filling. Creamy, rich-tasting—with snowy coconut right through the filling.

# PRE-INVENTORY -- SALE

WEDNESDAY, THURSDAY, FRIDAY and SATURDAY

**GIRLS' WEAR**

Bal. COATS and SKI SUITS  
12 to 14x—Clearing at 1-3 OFF

Bal. PETITEEN DRESSES  
12 to 14x—Clearing at 1-3 OFF

MISSES' and CHILDREN'S HATS — Clearing at \$1.00, \$2.00 and \$3.00 each

Group SKIRTS and DRESSES (Assorted Sizes) HALF PRICE

Lot Wool VESTS and BLOOMERS  
Sizes 8 to 14—Clearing 50c each

RIBBED HOSE  
Sizes 8 1/2 to 10 1/2—Reg. \$1.39 For 89c

Bal. CAP and GLOVE SETS  
Clearing At 1-3 OFF

Lot WOOL CAPS  
Clearing at \$1.00 each

HOUSECOATS (Asst. Sizes) Clearing at 1-3 OFF

Rack MISSES' BLOUSES and DRESSES, sizes 10 to 16.— Clearing at \$2.00 and \$3.00 each

NO CHARGES — NO REFUNDS

**THE MISSES HOLMES and BRADLEY**

159 Queen St. Dial 3414

**INFANTS' WEAR**

Infants' COAT SETS  
Reg. \$18.95 For \$10.95

Inf. PRAM SUITS & BUNTINGS  
Clearing at \$5.00 each

Inf. Wool, Jersey and Corduroy ROMPERS  
Clearing at \$1.00, \$1.49 and \$1.95 each

BOYS' SUITS  
1 to 4 yrs. Reg. \$4.95. Clearing at \$2.00 each

Lot Infants' Vests, Bonnets, Fawn Hose, Pillows, Plastic Pants, Tee-Shirts, etc.  
Clearing at 50c each

Group Chin. and Satin COVERS and SHAWLS  
Clearing at \$2.00 each

Boys' Esmond BATHROBES, CAPS, SHORTS, etc.  
Clearing at 1-3 OFF

Group BOYS' JACKETS  
to 6 yrs. Reg. \$4.95 For \$2.95 each