

NEWS AND INFORMATION FOR THE BUSY FARMER

(Furnished by Provincial and Dominion Departments of Agriculture)

Coming Events

- Nov. 16-24—Royal Agricultural Winter Fair, Toronto.
Nov. 22-23—Can. Creamerymen's Ass'n. Convention, Toronto.
Nov. 24-25—The Eastern Ontario Cheesemakers' Ass'n. Convention, Kemptonville.
Nov. 28-Dec. 2—Ottawa Winter Fair, Ottawa.
Dec. 6-7—Central Ontario Cheesemakers' Ass'n. Convention, Napanee.
Dec. 6-8—Ontario Provincial Winter Fair, Guelph.

An Ontario farmer has cleared the weeds from twenty-five acres of pasture by the use of common salt. The method is not new, but was so carefully worked out that Professor Howitt of Guelph was convinced of its efficiency.

Fine Crops of Onions

Grown in Thedford Area
J. A. Carroll of the Ontario Marketing Board reports that the Thedford Celery Marsh area has produced an onion crop of exceptional high quality. The extent of the crop is estimated at twenty-five carloads. Growers in that district have organized for the purpose of marketing the crop, under the name of the Thedford Onion Growers' Co-operative.

Carrots in Storage

Recent reports indicate that comparatively heavy supplies of Ontario grown carrots, largely grown in muck soil, are of particularly high quality and dealers predict that this Ontario grown product will successfully compete with the imported carrots, usually brought into Ontario during the months of February and March.

New O. A. C. Building

The completion of the new Administration Building at O.A.C. was fittingly marked on October 22 by a dedication ceremony in which His Excellency, the Earl of Bessborough took part. A live stock parade on the campus and flag raising preceded the opening. Later a luncheon was held in Creelmain Hall at which the Minister of Agriculture and many distinguished guests were present. The three-unit building which has been under construction since 1930 is now made available for the students and administrative staff. The large attendance in recent years made the problem of housing urgent. In the new dormitories provision will be made for 248 students in agriculture.

Royal Poultry Show

For its poultry show the Royal Winter Fair has established an easy record over past events in the number of specialty clubs that are to exhibit. They total 27 as against a previous high record of 23. Many of the major poultry and pigeon associations, both Canadian and American, will hold their annual meeting at Toronto during the "Royal week," November 16-24.

Increase Turnip Sale Through Careful Grading

The Ontario Marketing Board states that the export demand for Ontario turnips has dropped off recently. The general feeling of dealers is that market conditions insofar as export is concerned, will improve. Ontario growers, however, can do much toward improving the home market, and increase the demand for Ontario turnips. This can be effected through more careful selection of turnips, and presenting them as attractively as possible. Grow-

ers who intend to market their crop for table use should pull and trim the turnips by hand setting aside all those showing growth gains or maggot injury for stock feed.

Poultry in Demand

In a recent address, Professor Graham of O.A.C. predicted that if the present demand for eggs continued, there would not be a single egg in cold storage in Canada by January 1st. The poultry business was good at present he declared, pointed out that last spring there had been a great surplus of poultry and some of the storage dealers had taken a loss of \$100 a ton on their stock. Now they were short of everything, with only half the chickens they had at this time last year. The surplus a year ago he attributed to the poultry dealers keeping the price up, while the price of hogs fell to a low level and the people turned to pork instead of chicken.

Higher Price Indicated for Ontario Potatoes

"If market trends conform to those of the past few years," commented Charles E. Broughton, Ontario Department "we can anticipate an increase in the price of potatoes."

The Ontario potato crop for 1931 amounted to 20,026,501 bushels, with a market value of \$4,735,770. In 1930, however, when the crop approximately 18,275,055, or almost two million bushels less than the previous year, the market value was \$10,906,175. The 1929 crop was still less, amounting to 14,150,088 bushels or about 6,000,000 bushels less than the crop of 1931, yet having a market value of \$15,271,732, more than three times the 1931 crop.

At present prices the 1932 crop, estimated at 13,780,000 bushels, would be worth only \$4,134,000, but past experience indicates that there is ample reason for the belief that potato prices will increase.

Boys' Grain-Potato Clubs

Teams representing the Boys' Potato and Grain Clubs of the province held their provincial contests at the O.A.C. recently. The team from Renfrew County, composed of Stewart Spurling and D. S. Gibbons, won the Grain Club championship, while Stephen Fletcher and Binnie Shewin of Wentworth County were declared champion Potato Club team for 1932. These two teams will represent Ontario in the International Contests in grain and potatoes at the Royal Winter Fair this month. R. S. Duncan, director of agricultural representatives, was in charge of the competitions, assisted by officials of O.A.C. and of the Crops Branch, Department of Agriculture. This phase of agricultural extension work is stimulating keen interest among the juniors throughout Ontario. In all, 52 clubs with a total membership of 1,215 engaged in the above projects during the past year.

Plowing Match a Success

The windup of the International Plowing Match at Ottawa took the form of a banquet at which interesting addresses were heard. D. A. McIntyre of Alveston, past president, made the presentation of a silver platter to J. Lockie Wilson, managing director of the Ontario Plowmen's Ass'n. for the past twenty years, and a leading factor in the success of the organization. The Association now has over seventy branches in addition to the central organization and comprises of a total membership of over 7,000 scattered over the whole province. "These members," said Mr. McIntyre, "are carrying back to their various communities the doctrine and practise of better plowing, better cultivation of the soil, better seed and better live stock. I believe that to their influence and example may be credited in large measure the comparative secure position of the Ontario farmer at the present time."

WIND VELOCITY IS RECORDED

Among the many interesting studies which the "book farmer" makes in analyzing production conditions there is probably none more interesting or novel than the practise of recording the velocity of the wind and arriving at the total volume which passes over a given area during a given period. At the Central Experimental Farm, Ottawa, the records for 1931 show that a total of 38,918 miles of wind passed over the recording point. This was distributed by the months as follows:
January 2,316 July 1,640
February 3,670 August 2,880
March 4,168 September 2,940
April 4,534 October 3,390
May 2,966 November 4,000
June 2,520 December 4,092

It will pay you to advertise in The Chronicle.

PROTECTING FRUIT TREES FROM MICE AND RABBITS

Although the advice to protect fruit trees from mice and rabbits during the winter months has often been given by the Experimental Farm, Ottawa, to those having young trees the warning cannot be given too often that if trees are left unprotected one may find his tree girdled in the spring and injured beyond recovery, or else so much injured that they have received a severe set-back. One should consider protection from mice and rabbits as an insurance, and not neglect taking the proper precaution to prevent injury which may occur any winter.

The mice usually work along the surface of the soil, under the snow, if there is any, and attack the bark of the tree close to the ground. The rabbits, on the other hand, work on top of the snow and it can be readily seen that if the snow is two feet or more deep, there should be enough of the tree protected above the snow that the rabbits cannot reach the unprotected parts. Little or no injury has been experienced at Ottawa where the trees are protected regularly.

Th trees may be protected with newspapers, white building paper or with wire protectors. The advantage of the first is that it is cheapest, but it is good for only one winter. The advantage of the wire protector is that it will last for several years if it is painted or galvanized, but it is the most expensive method at first. Whatever protector is used, it should be brought close to the ground with, preferably, a little soil thrown up around the base to prevent mice from getting under it. If rabbits are not troublesome the paper or wire need not be more than eighteen inches in height, but where there are rabbits, three feet is none too high. If one fails to put the protectors around the next best plan is to tramp snow around the base of the tree after the first good snowstorm, which will do much to keep the mice away from the tree. Some cow manure put around the base just before winter will, when frozen, help to keep them away, but it is best to give protection shortly before winter.

Many preparations to be put on the trees to keep off rabbits have been tried, but most of these are not sufficiently durable to last the winter. The most promising one that is known is the following:

Repellant for Rabbits—Take one qt. of linseed oil (either boiled or raw) and heat it to 470° F. outdoors where no fires will be started by accident, because the oil may foam over. Use a container five times as large as the volume of oil. Use a thermometer to determine temperature. When 470° F. is reached set the container away from the fire and immediately add flowers of sulphur while the oil is very hot. Add the sulphur a teaspoonful at a time and stir the oil thoroughly after each teaspoonful. Add three ounces of the sulphur to each quart of oil. After the sulphur has all been added the liquid should be black and thick. Avoid getting it on the clothing because of the smell, which is persistent. It can be washed off the hands with soap and water or dissolved by gasoline.

This sulphonated oil is about the right consistency to paint on tree trunks. Paint the trunk liberally to about two feet above the snow line. The trunks should be dry when the oil is applied. This should stay on all winter but a second painting towards spring may be desirable.

GRASS SEED PROSPECTS

The preliminary report on clover and grass seed production for 1932 issued by the Markets Service of the Dominion Seed Branch, summarizes prospects for the current year as follows:

"Clovers and alfalfa promises a much smaller total yield of seed in Canada than last year, while more timothy and blue grass are in prospect. Alfalfa prospects are poor, as the first cut failed to set seed in Ontario, and a short crop of alfalfa seed is expected in Southern Alberta. Alsike is much reduced in acreage in Ontario and is yielding under average.

"A considerable reduced acreage of sweet clover for seed is reported in the western provinces, also in Ontario. Brome and western rye grass in the western provinces promises much more seed than last year owing to more moisture during the growing season. The acreage of bent grass for seed in Prince Edward Island is reported at about 25 per cent less than last year."

ENTRIES AHEAD OF LAST YEAR

Applications for entry in Record of Performance of Poultry for the 1933 season are running ahead of last year according to a statement issued by the Poultry Division of the Dominion Live Stock Branch. As at October 1 this increase amounted to 26 breeders, 4,456 birds. Fees for entry have been reduced and an added opportunity for profit is available to the R.O.P. breeder in good standing in the sale of male birds under the Cockerel Distribution Policy.

All Special Prices good until next Thursday

A Carroll Grocery

SALE

- HADDIE Beaver Chicken lg. tin 15c
JELLIES McLane's Powder 5 for 24c
WAX BEANS Lachine 2 tins 21c
PUMPKIN Lynn Valley 3 tins 19c
BLEACHED RAISINS pound 19c
VALENCIA RAISINS 2 pounds 25c
SEEDLESS RAISINS 2 pounds 29c
IVORY FLAKES package 10c
IVORY SOAP Medium cake 7c
GUEST IVORY cakes 25c
LUX FLAKES large package 19c
ROLLED OATS 6 pounds 21c
BUTTER WAFERS Christie package of 70 15c
NEW FIGS 2 pounds 19c
H.P. SAUCE bottle 27c
OVALTINE Small tin 45c
QUEEN OLIVES 19-oz. jar 21c
Licorice Allsorts Best English lb. 25c

Fresh Chocolate-Marshmallow BISCUITS 2 lbs. 25c

Upton's New Stoneless Red PLUM JAM 40-oz. jar 21c

Better Laundry Soap SURPRISE 10 bars 39c

Winter Cereal—Kellogg's ALL-BRAN large pkg. 17c

CORNERED BEEF and SAUER KRAUT Libby's—Fancy Quality A Full Size Tin Both 22c of Each—27c Value For

- Cocoanuts 2 for 15c
Cranberries 20c lb
Emperor Grapes 15c lb
Celery bunch 10c

Garafraxa St., Durham

Phone 58

SALMON CLIMB FORTY FEET BY N.B. FISHWAY

Make Their Way in Numbers to Spawning Grounds of Magaguadavic River

Numbers of Atlantic Salmon have this year successfully made their ascent up the fishway on the Magaguadavic River, New Brunswick, which overcomes an obstruction forty feet high and opens a relatively easy passage for the spawning grounds on the upper waters of the stream.

In other words the fishway is effectively helping to maintain the salmon stocks.

Fishways, of course are built to enable fish to get past obstructions but the point of particular interest in the Magaguadavic case is the exceptional height that is conquered. There is only one other place in Canada where a fishway successfully helps fish to climb a greater, height fifty-nine feet, and that is at a point on the Mersey River, Nova Scotia.

The Magaguadavic fishway was built by the Dominion Department of Fisheries about four years ago. It had to be constructed at a spot which presented marked natural difficulties, and there were sceptics who shook their heads when they discussed the likelihood that it could be made to operate efficiently. Truth to tell, there were times when it seemed as if doubts had been warranted, but this year came satisfactory and gratifying evidence that salmon were making the ascent in numbers.

The plans for the Mersey fishway were also prepared by the Fisheries Department. Elsewhere in the Maritime Provinces and in British Columbia—areas where the fisheries are administered by the Dominion authorities—are numbers of other fishways which are operating with efficiency and enabling spawning grounds to be reached by many fish which otherwise could never get to them. Construction of works of this kind is one of the ways by which the department is continually helping to conserve and build up the fish stocks of the country for the benefit of both commercial fishermen and anglers.

This is the open season for the didn't know it was loaded—class of firearm users. Be careful!

SCHOOL HONOR ROLLS FOR PAST MONTH

DURHAM PUBLIC SCHOOL

IV Class—(First ten in order of merit)—Laurine Campbell, Edith Miles, Mary Town, Annie Tinianov, Jessie Grant, Dorothy Ashley, Emily Cornwall, Helen Lawrence, Eileen Tucker, Ada Becker.

J. A. Graham, principal.
Sr. III—A—Catherine Rowland, Janet Robb, Jean Murdock, Ross Kearney, Richard Atkin.

Sr. III—B—Alex Wells, Albert Murdock, Bert Lawrence, Margaret Dewar, Annie Rimmer.

Emily Hunt, teacher.

Jr. III—Gwynneth McGowan, Doris Kerton, Bill Noble, Evelyn Aljoe, Emily Pinkerton.

Jr. III—B—Archie McDougall, Dorothy Kerton, Marjory Tucker, Helen Gerber, Laura McGowan.

George A. Noble, teacher

Sr. II—A—Gladys Gray, Vera Lauder Jean Town, Margaret Derby, Florence Martin.

Sr. II—B—Mary Noble, Isabel McCormick, Gordon Gray, Emily Whitmore, Irene Atkinson.

Myrtle Mortley, teacher

Jr. II—A—Edith Hodgson, Alex McDonnell, Stella Connolly, Hazel Becker, Foster Lowe.

Jr. II—B—Russell Long, Stanley Greenwood, Jack Cain and Andrew Dewar equal, Ina McLean, Bobbie Braithwaite.

Mary E. Morton, teacher.

Ross, Pat Smith.

Nora H. Stewart, teacher.
Jr. Pr.—A—Jean Lauder, John Rowland, Raymond McQueen, Margaret Davis, David Standen.

Jr. Pr.—B—Norma Hetherington, Gladys Greenwood, Ogle Cluchey, Eric Rimmer, Eldora Cordick.

Jr. Pr.—C—Caroline Thompson, Joy Hastie, Graham Priest, Norma Wyville, Myrtle Morton.

Lizzie Schafer, teacher.

S. S. No. 9

Sr. IV—Cecil Brown, Sarah Dyer, Victor Arnett, Clifford Lindsay, Violet Collinson. Jr. IV—Charlie Brown, Olive Newell. Sr. III—Jean Jacques, D. Pratt, Catherine Dyer, Murray Greenwood, Jimmie Arnett, Jr. III—Archie Lawrence, II—Grant Greenwood, Gladys MacFadden, John Weir. I—Allister Aljoe, Clarence Atkinson, Bert Chapman, Irene Newell, Pr.—Murray MacFadden, Newman Pratt.

J. M. SCHOL, Teacher.

S. S. No. 3, Glenelg

Sr. IV—Margaret Edge. Jr. IV—Edna Bell, Arlene Bebb. Sr. III—Jack Williams, Cecil Anderson. Jr. III—Tom Bebb, Tom Firth, Margaret Williams, Margaret Kenny, Ellison Edge, Leona McNally, Emma Scheurman, May Scheurman. II—Billie Anderson, Donny Edge. I—Alvin Vaughan, Beatrice Kenny, Vivien Bebb. Sr. Pr.—Michael Kenny. Jr. Pr.—Jean Williams, Bobby Bebb. DOROTHY RITCHIE, Teacher.

S. S. No. 7, Glenelg

Sr. IV—Vincent McKeown, Patrick Gillen. Jr. IV—Mary McKeown, Netta Gillen, Isabel Gillen. Sr. III—Robert Gillen. Jr. III—Georgina Bowie, Helen O'Neill, Donald O'Neill Mary Haley. Sr. II—Malcolm McKeown, Jr. II—James Gillen, Michael Sullivan, Sandy Gillen, Jackie McGrath, Jackie O'Neill. Jr. II (b)—Dan Haley. I—Florence O'Neill, Tommy McKeown. Those marked * present every day. JULIA BURNS, Teacher.

S. S. No. 5, Glenelg

V—Ada Banks. Sr. IV—Velma McNally. Jr. IV—Stephen Hughes, Bruce Clark. Sr. III—Bessie Hastie, Gordon McNally and Hughie Hughes, equal. I—Ester Peart. Pr.—Edna McNally. Best in spelling—Bessie Hastie and Velma McNally. SARAH E. MACLEAN, Teacher.