



# FARM NEWS

**Crop Leaders Focus Attention on Increased Nitrogen Applications**  
 Due to an unfavorable growing season last year and an unusually open winter, over winter crops such as wheat, hay and pasture may be in a weakened condition this spring. With this in mind the Halton Crop Improvement Association in planning their soil and crop projects for 1950, are laying down a number of demonstrations in the top dressing of meadows with ammonium nitrate at the rate of 100 lbs per acre.

Ammonium nitrate is a high nitrogen fertilizer containing 32 to 33 per cent nitrogen which is readily available. Present plans call for ten such demonstrations on as many different farms. A similar number of demonstrations are also being planned to strip up the amount of Nitrogen on spring grain. In this case 50 lbs of ammonium nitrate per acre is being added to the regular fertilizer when seeding. Other demonstrations involve top dressing the spring grain at the same rate one week after seeding. We also understand they are planning to conduct at least one similar demonstration on fall wheat where it is in a weakened condition. The rate of application in this case will be at 100 lbs of Ammonium Nitrate to the acre, and will be applied when the wheat is making green growth possibly between April 20th and May 1st.

Interest in the application of agricultural limestone has increased materially in Halton during the past two or three years. Due to the lack of information on the subject, an experiment in co-operation with the Soils Dept. at the O.A.C. will be laid down in order to secure more fundamental data on rates and methods of application. This will be conducted over a period of years. Demonstrations with agricultural limestone at 1 T, 3 T and 5 T rates are also being laid down on at least two farms. Coupled with these latter demonstrations, applications of Ammo Phos, which is a high nitrogen, phosphoric acid fertilizer, will be made.

Other projects include the renovation of an old pasture field; two improved hay-pasture demonstrations, a replicated test with eight different varieties of oats and a similar number of varieties of barley; one or more boys' grain clubs, as well as a follow-up on demonstrations laid down in previous years. These include sub-soiling, liming tests, and improved hay-pasture demonstrations.

Soil Specialists Recommend High Analysis Commercial Fertilizers

Manufacturers of commercial fertilizer have recently made available a number of new mixtures with higher analysis. The old stand by in the mixed farming sections of Halton has been 2-12-8. Soil specialists and practical farmers are replacing this with 4-34-12, which is a cheaper source per plant unit. One ton of 4-34-12 contains as much plant food as two tons of 2-12-8. Other examples of the higher analysis fertilizers include 3-18-9 and 45 per cent superphosphate. Such higher analysis fertilizers are cheaper sources of plant food because they contain less filler and thereby cut down the cost for handling charges, transportation, bags, etc.

**Economy of New Liquid Fertilizers Questioned by Manitoba Agronomists**

The advent of commercial fertilizers in the liquid form on the market has created considerable interest. It therefore occurs to us that the following resolution passed at the Annual Conference of Manitoba Agronomists last December, should be of interest.

"Whereas a liquid fertilizer product is being offered for sale at the present time in this province, and whereas the findings of this body of agronomists indicate that nitrogen and phosphorus are the main elements to consider in fertilizer application and phosphorus, in particular, should be the basis on which to determine cost of application of this phosphorus element is approximately forty times as costly through the liquid fertilizer application as through the dry form of fertilizer currently in use in this province, therefore be it resolved that farmers in Manitoba be advised of this fact."

It was also pointed out that the amount of liquid fertilizer which can be applied to grain without injuring germination is very small. True, liquid fertilizers do have value as a starter in transplanting and similar garden procedures, but starter solutions can be made by dissolving small quantities of commercial fertilizer in water at a fraction of the cost of commercial liquid fertilizers. To illustrate, the Soils Department of the University of Saskatchewan makes this observation: "As a means of comparison of cost, a commonly used 11-48 fertilizer (Ammo Phos) at approximately \$75 per ton was compared with 5-10-5 liquid fertilizer at approximately \$500 per gal. In the 11-48 fertilizer each pound of phosphorus would cost 7 1/2 cents per pound. In the liquid fertilizer, each pound of phosphorus would cost \$3.00."

It should perhaps be pointed out that soil conditions are materially different in Western Canada to those of Ontario. In Manitoba their main requirement is phosphate with limited amounts of nitrogen, while in Saskatchewan soils, phosphorus has been found to be the major limiting element in crop production. Those differences do not, however, alter the fact that liquid fertilizers are not an economical source of plant food for cereal crops in Ontario.

**Palermo Juniors Appoint New Officers**

The annual meeting of the Palermo Junior Farmers was held at the home of Ford and Audrey Wickson on Thursday evening of last week. An interesting item of the evening's programme was the presentation to Evelyn Pelletier and "Happy" Oates, whose marriage is to take place shortly. Mrs. David Wendorfer of Palermo took charge of the election of officers for the Junior Institute, and Agricultural Representative J. E. Whitlock acted in a similar capacity for the Junior Farmers. The officers elected are as follows:

Junior Institute—President, Dor-

een Patterson; 1st Vice-Pres., Lorna Lawrence; 2nd Vice-Pres., Audrey Wickson; Sec. Treas., MARY SMITH; Asst. Treasurer, Marjorie Segsworth; Directors, Evelyn Peer, A. Pelletier, Margaret Young, District Director, Mildred Bell.

Junior Farmers—President Dave Pelletier; Vice-Pres., Geo. Smith; Secretary, Bruce Heatherington; Treas., Vincent Scott; Com., Fred Hall, Ford Wickson, Geo. Pelletier.

## BURLINGTON

The first quarter of 1950 showed a continuing growth of the telephone system here, E. J. Radigan, Bell Telephone manager announced 227 telephones were added in Burlington, despite continuing shortages to-day. In the first three months of outside cable and wire facilities which account for a backlog of 84 orders for service still on file. When the year began, there were 3773 telephones in service here, the manager said. The addition of 55 in January, 73 in February and 99 in March brought the total at the end of the first quarter to 4680.

With a greater number of subscribers than in any year since the war the Burlington-Nelson Red Cross Society announces that its objective for 1950 of \$3,500 has been reached and at the present time exceeded by \$200 making a grand total of \$3700.

Mr. Springer, assistant manager at the Royal Bank here, has been moved to Hamilton, where he has been named manager of a new branch bank being opened in the city. A Corbett has been promoted to assistant manager at the local branch. Gazette.

## Wool Growers' Organization

### WOOL

SHIP COLLECT TO  
 Our Registered Warehouse No. 1  
 WESTON, ONTARIO  
 Reliable Grading  
 Prompt Settlement

Shippers may obtain scale and rules without charge from

J. Archie Kerr, No. 2, Acton  
 Clarence Denny, Acton  
 Roy Johnson, Acton  
 or by writing direct to  
 CANADIAN CO-OPERATIVE  
 WOOL GROWERS LIMITED  
 217 Bay Street, Toronto, Canada W

**Hancock's Haulage**  
 ROAD GRAVEL, CEMENT  
 GRAVEL, SAND, FILL  
 Prompt Delivery  
 Prices Reasonable  
 PHONE 1137 GEORGETOWN

*Come down to the sea!*



Feel the tang of a fresh ocean breeze. Enjoy the thrill of a dip in the sea. This year visit us down in the Maritimes. See our historic towns and beautiful countryside, the rugged coasts and sunbathed beaches along our shores. We'll welcome you warmly.

## YOU'LL ENJOY GOING BY BUS

**FARES ARE LOW**

|          |         |
|----------|---------|
| Halifax  | \$49.80 |
| Quebec   | 24.15   |
| St. John | 36.00   |
| Sydney   | 57.15   |

Round Trip (Subject to Change)

TICKETS AND INFORMATION  
**HAROLD WILES**  
 1100 Mt. Pleasant

## KITCHENER UPHOLSTERY

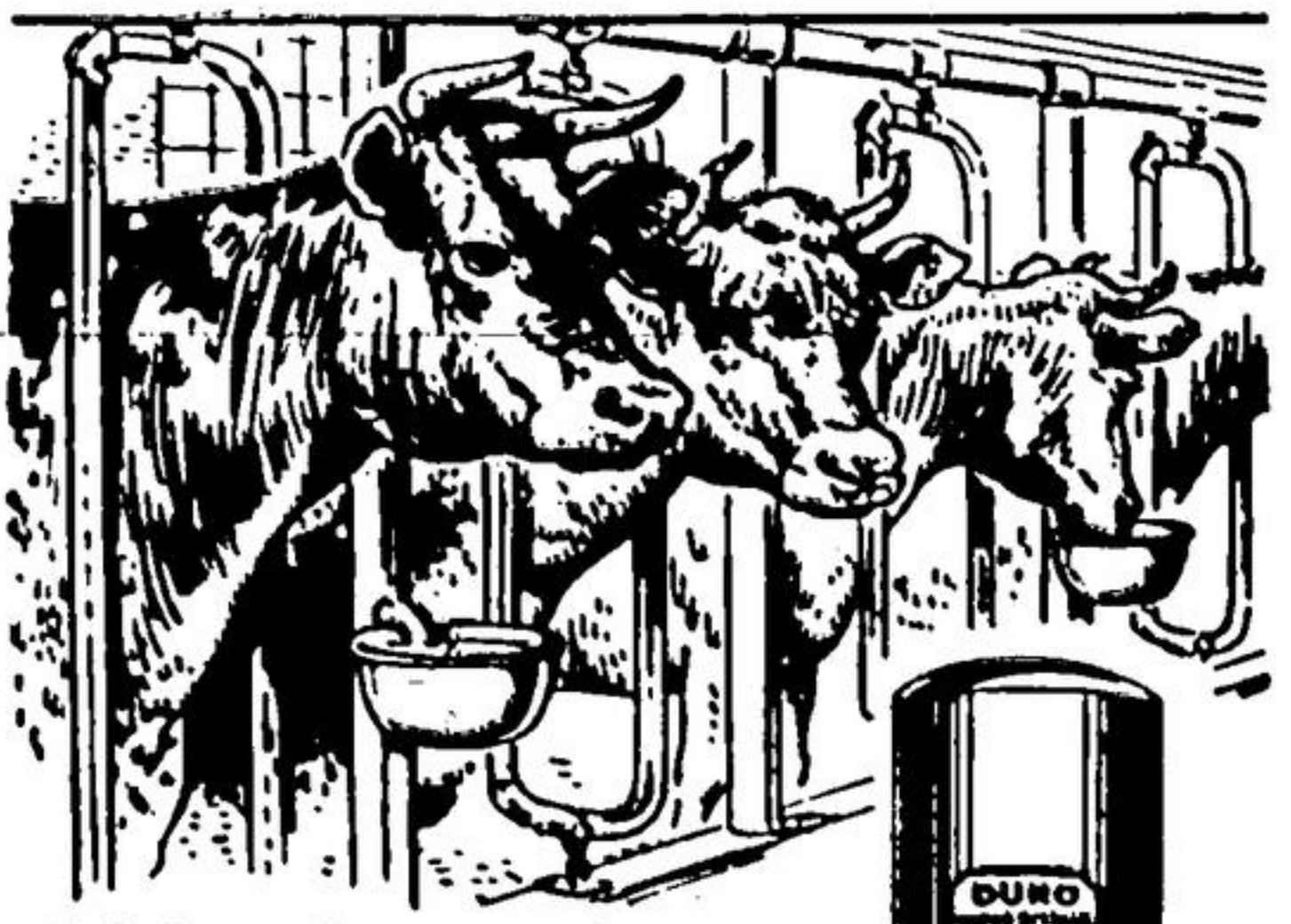


It doesn't matter how badly your Chesterfield or Chair are worn. We can make them look like new. 8 Piece Re-Upholstered for as low as \$89.00. 1 week's service.  
 FREE PICK-UP AND DELIVERY  
 PHONE 108 — ACTON

*Fresh as the day it was packed!*

ITS FRAGRANCE IS SEALED IN VACUUM

**WANTED!**  
**Dead Animals**  
 We are paying the highest prevailing prices for dead or crippled farm animals  
**HORSES -- CATTLE -- HOGS**  
 Telephone Collect for Immediate Service  
**Laing Cartage**  
 OPERATING FOR GORDON YOUNG LIMITED  
 Phone Guelph 8884



## MORE PROFITS FROM CONTENTED CATTLE with a DURO

INCREASED production is the answer to higher profits from your herd. That's what running water—where and when you need it—gives you! EXTRA PROFITS... INCREASED PRODUCTION... REDUCED COSTS.

Duro Pumps... built for farm operation... all your needs in barn... poultry house... home... provide sure fire protection for all your buildings. INSTALL THE BEST... INSTALL A DURO.

**EMCO**  
**Fixtures and Fittings**  
 It's easy to improve daily living with simple EMCO remodeling in kitchen... bathroom... laundry... See us today and learn how you can add to daily comfort... safeguard your family's health... easily... with real economy... enjoy a modern home.

**Bilton Plumbing & Heating**  
 82 Bower Avenue Acton, Ontario  
 TELEPHONE 341W  
**EMPIRE BRASS MFG. CO. LIMITED**  
 LONDON-HAMILTON-TORONTO-SUBURBAN-WINDSOR-WATKINSON

## Oil makes a country strong

Try to imagine life without oil! Oil supplies one-quarter of all the heat and power we use... in home and factory, on farm and highway. It helps us live better.

For years Canadians have had to depend on foreign countries for almost all the oil they used. Now, after a long and costly search, big new fields have been found in Alberta.

The more oil we produce right here in Canada the stronger we will be. Already the new discoveries have made thousands of new jobs. Millions of U.S. dollars once needed for imported oil are now being saved by the new oil fields, and the prairie consumers are saving money too.

In order that Canadians may reap further benefits, Alberta oil must reach new markets. It must be moved to eastern Canada—2,000 miles away—where it must compete with oil from other areas. That means holding transport costs down to a minimum.

To bring Alberta oil east a tube of steel will span one-third of the continent—from Edmonton to Lake Superior. It is taking shape now. To carry the oil on to Ontario refineries, the largest inland tankers ever built are being constructed in Canadian yards.

There's a big job still to be done before the full benefits of the new oil discoveries reach all Canadians. But the job is being carried on with increasing benefit to all of us. Oil is strengthening the nation.

## Bringing you oil is a big job ... and a costly one

**About Canada's Oil**—Last year Canadians used an average of 300 gallons of oil each. This is more, per capita, than any nation except the United States.

By replacing imports, Canadian oil production is expected to save 100 million scarce U.S. dollars in 1950; next year, \$145 million.

Imperial is building a new refinery at Winnipeg at a cost of \$10 million to process Alberta Oil.

The 1,150-mile pipe line from Edmonton to Lake Superior is being built by Interprovincial Pipe Line Co., which was sponsored by Imperial and in which Imperial holds a minority interest.



## IMPERIAL OIL LIMITED

