

FARM NEWS

Nitrogen Increases Hay Tonnage

During both 1949 and 1950 shortage of hay was a limiting factor on the great majority of Halton's dairy farms. The project committee of the Halton Crop Improvement Association had this problem in mind when planning their program in both 1950 and 1951.

In both years tests were laid down on some ten or twelve farms using ammonium nitrate at the rate of 100 lbs. per acre. This high nitrogen fertilizer was applied on meadows both years around May 1st.

Some appreciable results were noted a year ago on a small percentage of the tests, but in general May and June of 1950 were too dry to get anything like maximum results. This year it was decided to take accurate weight tests on all farms where the demonstrations were laid down both from the treated and untreated areas.

Really amazing results were secured on five of the nine farms on which yields were taken.

On each farm a square yard at each of four different points in both the treated and untreated areas was cut and weighed. The moisture content of the green material was assumed to be approximately 80 per cent and in order to bring the weights down to a hay equivalent basis it was also assumed that mow hay still contains around 17 per cent moisture.

On this basis it was found that the nitrogen treated areas produced 2.1 tons more hay per acre than did the untreated areas on both the J. H. Willmott farm in Trafalgar Township, and the V. E. McArthur farm in Nelson Township.

At T. J. Brownridge's in Esquesing Township, there was a difference of 1.4 tons in favour of the treated area, while at Jack McPhail's in Nassagaweya Township, the difference was approximately one ton in favour of the nitrogen treated area.

On all four farms the fields in question contained a high percentage of grasses—legume stands of red clover and alfalfa did not show anything like the same results.

This may not have been the year to increase hay yields since nearly every one has his barns full to overflowing—nevertheless the results do indicate how grass yields can be increased when there is any reasonable amount of precipitation in May and early June. Incidentally, the yields were taken between June 14th and June 18th.

Pasturing New Seedings

Some of our readers may recall that in our column in the issue of the first week in May, we made some observations based on a visit to a field which has been seeded in 1950. A good catch of seeds was secured on this particular 24 acre field.

Owing to the scarcity of pasture in the late summer the owner of necessity pastured 18 acres of the field, but fenced off 6 acres adjoining the bush. Following our visit to the field in late April we reported, "There is still a good stand in both sections of the field but there is an almost unbelievable difference in the vigor and growth of the two sections." We also stated in the same article, "Judging by present appearances we would expect quite a difference in the yields of hay off the two sections of the same field." Thanks to the farm owner we are now able to present the final story.

The two sections were baled separately. On the 18 acre section which was pastured he got a total of 350 bales while on the 6 acre section unpastured there was a total of 625 bales.

Assuming that the bales averaged 50 pounds each, this works out a yield of three quarters of a ton per acre from the pastured area, against 2 1/2 tons per acre off the unpastured area.

We would remind our readers that this story comes from two sections of the same field—both sown at the same time, with the same seed mixture, and with the same amount of commercial fertilizer.

True the six acre section was

cut ten days later, but in other respects the only difference in so far as we are aware is the 18 acres was pastured while the six acres was not. It should be unnecessary to point out the moral to this true story.

Holstein Breeders Visit Oshawa District

Forty-one Halton Holstein enthusiasts under the leadership of President A. G. Hunter, of the Halton Holstein Club, enjoyed a bus tour on Wednesday of last week.

The first call was at Elmeroff Farms, near Oshawa. Here the party was received by the owner, Geo. McLaughlin, and taken on a tour of his dairy barns and large Holstein herd.

Following dinner at the Genosha Hotel, the group had a two hour tour of the General Motors Plant in Oshawa. Here they saw cars and trucks in practically every stage of production. The efficiency in or-

ganization and management in this big plant has to be seen to be appreciated.

The first stop on the way home was made at Leitchcroft Farms near Langstaff, where the genial manager, Joseph Lanthier, gave them a first hand picture of busy hay drivers in action and presented facts and figures on the cost of installation and operation.

As we recall from memory, a 5 h.p. motor with the necessary fan, can be installed at present day prices for \$650.00. This, according to Mr. Lanthier, will handle a 1000 ton mow or even two thirty ton mows.

At Leitchcroft farms they apparently have had equally as poor haying weather as we have in Halton. Consequently their hay is not of the quality they have had in former years. The mow finishing off-hay did enable them in 1950 to make hay analyzing 10 per cent protein, against 14 or 15 per cent for field cured hay.

In short, according to all reports, everyone found the day's tour a most enjoyable and worth while outing.

With the rest of south-western Ontario, the Canadian National Exhibition is changing from 25 to 60 cycle. By the time the 1951 CNE opens on August 24, the eastern half of Exhibition Park will be converted.

NORTH EAST WEST SOUTH NEWS FROM ALL DIRECTIONS

Honest Injun

"Nice cool rain sunny weather" is the report from the Gibson reserve near Bracebridge. And the philosophical correspondent who sends this column in to the Bracebridge Gazette always has items of interest with a novel slant. From the last issue comes, "A good growing season crops seem coming very good so far. The caterpillars are all gone thank the goodness, hoping we never see them again, in the bushes is as clean now as just nice to get around and work. The mosquitoes are quite bit in the mornings for a while in any place."

"The Gibson scribe was up to Bracebridge with a party visited the wrestling matches. Seen the good Indian with custom feather hat, as an Indian name, ah-tah-ah-nah-warrior, who is a good man in the ring."

"Miss Bertha Sahantien she came a flying visit in the Gibson reserve."

There it is—a sample of the correspondence as she comes from the Gibson Reserve!

It's June in July

The matrimonial bug is still biting; with its season extended on past June. The Georgetown Herald of last week reports six—well, times as many, on the Milton Journal. The Milton Journal reported two nuptial knot sessions, the Milton Champion three and the Acton Free Press one.

Two Inches to Immortality

Pushing for all it was worth a week ago was a delphinium owned by Miltonian P. W. Cooke. The big bloom was reported to the Canadian Champion by the grower, and the photographer for the paper agreed to take a picture of the whopper—if it grew two more inches by last Saturday. That would make it a full nine feet high. The flower didn't make it... but it got its picture taken anyway.

Stop!

Oakville got its first traffic light last week. Its luxurious shades of amber, rose and cool green are fully described in last week's Oakville Trafalgar Journal along with notes on the inner workings of the lights. The whole outfit cost \$1,000. And that much money's worth stopping for.

Can You Beat This?

From last Sunday's "Neighbourly News" program, that's devoted to telling interesting items from the towns and villages in Ontario and Quebec, came one of the best stories heard for a long time. A hunter up north got lost, and climbed up a hollow tree to get his bearings, setting his gun at the base. It wasn't long what he saw, but when he got to the top for some reason or other he fell in! Ten feet down in a hollow tree, he was resigned to wait until help came, when he heard scrambling outside, and some other creature slowly descended his cranny. He reached up to feel—and felt fur. He jabbed the lowest end of the animal with his hunting knife, then grabbed handfuls of fur and let the angry bear cuss him up and out of the tree! Yes, it was a bear. He picked up his gun and walked home.

AERIAL EVENTS

As part of the 50th anniversary celebrations of Britain's Royal Aero Club, founded before the first heavier-than-air flight was made, a pageant of British aircraft took place at Hendon airfield, near London. Other flying events in Britain were a South Coast of England Air Race sponsored by the London Daily Press and the annual display at Farnborough.

Do You Know . . .

Already we are starting to pay for the towers. Be ready when it goes into operation. Keep the work in Acton by hiring local contractors. We have already done some of the toughest jobs. So let us have that easy one of yours.

We'll start any time you say.
\$2.25 PER FOOT
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Owen Sound	5.50
Midland	7.75
Sutton	\$5.50

HAROLD WILES
PHONE 58

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FOUR SIVERS

A new steel wire, so strong that only half as many poles are needed to support it, extends spacing between poles to 150 feet or more. This saving is important as construction costs continue to go up.

Long Distance operators now dial many out-of-town calls just as easily as people dial local numbers. This not only means faster, more convenient service for you, but means our operators believe go further.

Voice frequency amplifiers have been equipped to use until today amplifiers that would have filled a whole building now can be put in a single room. Result: important savings in building costs.

— TO GET THE BEST AND BIGGEST SAVINGS

Compare these price increases during the past few years

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COST OF LIVING	UP 64%
TELEPHONE SERVICE	UP 31%

Equation Bureau of Statistics

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Registered Optometrist
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SCHOOL FOR BONIFACES

At Ross Hall, a mansion on the outskirts of Glasgow, Scotland, men and women of many nationalities are learning the fine points of hotel operation. During a 2-year course they acquire the art of cooking and get a thorough training in hotel service and theoretical instruction in secretarial and academic subjects. This is followed by three months' practical training in a hotel approved by the school.

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Courses Available

To Students of North Halton High School District

The schools at Milton, Acton and Georgetown operating under the North Halton High School District offer courses in the following:

Special Commercial

A one year course equivalent to a course offered in any Canadian Business College. Shorthand, typing, office practice, bookkeeping, business law, penmanship, business arithmetic, business correspondence and spelling, economics, physical education. Available to students completing Grade XI. Grade XI and XII students who plan to take this course at Georgetown School should send their names and addresses to the Secretary. If students reside in Esquesing or Nassagaweya Townships they should furnish the name of their bus driver so that transportation can be arranged.

Academic Middle School

Grades XI and XII leading to Secondary School Graduation Diploma. English, History, Physical Education. Options: Mathematics, Science, French, Latin, German, Commercial Work, Agriculture, Shop Work, Home Economics.

Academic Lower School

Grades IX and X all subjects for Intermediate Certificate. English, Social Studies, Mathematics, Guidance, Physical Education. Options: General Science, French, Art and Music. Shop Work, Home Economics, Typewriting and Business Practice.

Academic Upper School

Grade XIII leading to Honor Matriculation and entrance to all faculties and courses, except honor classics in any Canadian University. English, History, Algebra, Geometry, Trigonometry, Zoology, Physics, Chemistry, Latin, French, German.

Send Your Children to High School
Make the Most of Your Opportunities

TRANSPORTATION AVAILABLE FOR RURAL PUPILS

Parents and Pupils are urged to confer with their nearest Principal prior to School Opening in September

J. E. MARCELLUS, Milton O. ROBBINS, Acton J. L. LAMBERT, Georgetown

NOTICE: Re Permission to attend schools outside Dist.

Students who plan to attend Secondary Schools outside the North Halton District must have written permission from the North Halton Board in order to do so. Parents are requested to examine the courses of study available in their own District before application is made to attend an outside school, due to the heavy additional cost to the North Halton District.

Application forms may be had at the offices of the Acton Free Press, the Georgetown Herald and the Canadian Champion, or from the Board Secretary. The forms should be completed and mailed to the undersigned not later than 15th of August, 1951.

G. O. BROWN, Secretary
North Halton District High School Board,
Georgetown, Ont.