··· FALL FAIRTIME IN ONTARIO ···

Corn Root System Seven Miles Long

There's more to a field of growing corn than meets the eye, especially during these days of "corn weather time" when the cornfields put on a "Jack-and-the-beanstalk" performance.

Some scientific observations on corn's remarkable capacity to grow quickly were reported by Dr. T. A. Kiesselbach, well-known agronomist.

Corn, for example, on an average July day grows about two and a half inches every 24 hours, but if conditions are exceptionally good it will grow as much as four inches a day.

University research has shown that corn grows exactly as much during the day as at night, contrary to a general notion that it does most of its growing at night.

Corn, on the average, rises from a height of 30 inches to about 100 inches during the four week July 5 to August 5 "corn weather season," a rate of growth which is one of the greatest per day of any crop grown in the cornbelt.

During its first week above the ground the corn plant has about 15 square inches of leaves. At the end of eight weeks of growth it has 1,400 square inches of leaves, or more than enough to cover an ordinary card table.

The corn plant draws its moisture from a vast fibrous root system which when the plant reaches maturity is over seven miles long if all of them were placed end to end; and the roots run six feet below the surface.

About half of the corn plant's life is expended before it reaches the silking stage; and the other half is consumed in developing and maturing the ears.

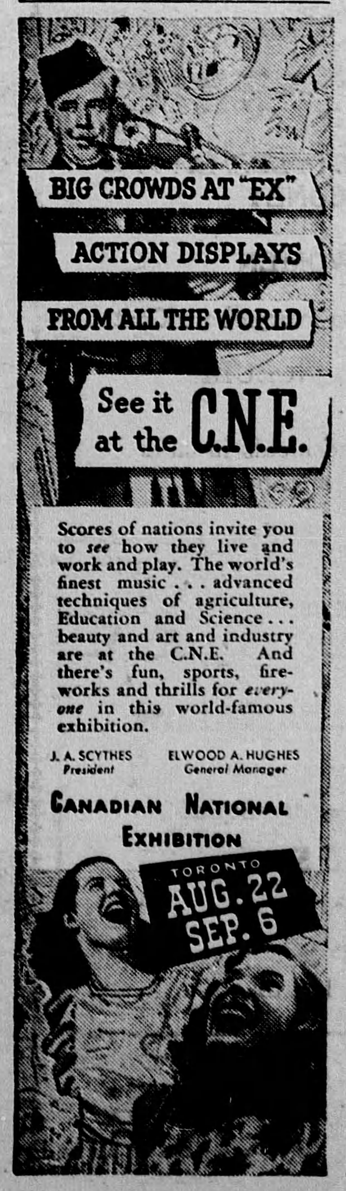
"Ideal corn weather" should include plenty of moisture in the soil surrounding the corn plant, and hot dry weather with temperatures averaging between 90 and 100 degrees during the day.

These conclusions, Dr. Kiesselbach points out, are based on corn grown at the university's agronomy farm and are applicable to corn grown in the cornbelt states.

Comfort for Cattle

Cattle cars are becoming as comfortable, almost, as Pullmans. At any rate, they now have anti-friction roller-bearing journal boxes and the latest sorts of spring underframes and air brakes, and they make it possible to cut the former travel time from range to market in half.

That is as it should be. Nothing can be too good for the gentle creatures that provide us with beef-steak, if and when we can afford it. —New York Times.



—Photo by Ful-O-Pep Photographer

Home from Germany.—Mr. Ross Hancock, from Gravenhurst snapped with his wife and nephew while resting with other tired sightseers at the C.N.E. Mr. Hancock was active with the R.C.A.F. Graves Commission and arrived home from Germany several weeks ago.

—Photo by Ful-O-Pep Photographer

Kitchener Residents, Roy Karcher and sons, Donald, Leonard and Bruce, appear highly engrossed with this tractor at the C.N.E. There appears little doubt that this exhibitor won the family vote of approval.

FAIRTIME HIGHLIGHTS

by Your Ful-O-Pep Reporter

The crowds at the Canadian National Exhibition this year broke records in more ways than one. As your Ful-O-Pep reporter roamed through the throngs he rapidly acquired the knack of spotting the out-of-town visitors. The non-residents of Toronto seemed much more at home in the Fair Grounds than the city folk. This isn't really surprising when one remembers that over 250 fairs and exhibitions are held every year in the small towns of Ontario. As a result, the small town and rural sightseers found their way around the Exhibition Grounds with the air of old veterans, whereas the city man in many cases had the bewildered mien of a tourist.

* * *

The Teen Town booth proved a popular rendezvous for the younger set who, on the whole, seemed more interested in the cultural exhibits than the glitter of the Midway—and glitter there was a-plenty along this popular boulevard!

* * *

The livestock was of prime interest to many of the out-of-town visitors. The competition was keen in all classes, and such top-notch entries as the Ayrshire bull, Braeheid Barr Imperial, owned by A. J. Leidman & Sons of Caledonia, provided real eye-appeal for the crowd.

The livestock men, as always, talked shop nearly twenty-four hours a day, and many bewailed the fact that Ful-O-Pep feed is not more plentiful. Your reporter did a little missionary work in this line, and pointed out the fact that the quality of this feed is not being lowered to meet the demand, and, as a result Ful-O-Pep is, at times, still a little difficult to obtain. It was also pointed out that production is being stepped up as rapidly as is possible without affecting the quality.

* * *

From the Midway to the most lavish industrial exhibit, the general public was treated to salesmanship of the highest order. Each exhibitor made a real effort to lure the public to his particular location, and, once there, to sell the prospect.

In this line, some free samples were offered as a come-on, but not nearly in the profusion of yesteryear. The adults complained about the scarcity of free samples generally, but the youngsters had a "field day" acqiring everything from paper cups to samples of soap flakes, which seemed to satisfy the young looters. Actually the soap flake samples were scarcely sufficient to properly launder a woman's small handkerchief.

* * *

The kiddies, as well as their elders, seemed to be price-conscious, and patronized such features as the Nickel Arcade where battery after battery of electric cranes operated for five cents. There the lucky youthful operator could pick up a valuable prize; failing that he was assured of a claw full of candy. The funny mirrors and magic carpet were additional "musts" on the youngsters' hit parade.

Children's Day proved to many of the concessionaires that buyer-resistance is considerably more than just a phrase. The children shopped around for the best buys, and the operators who failed to reduce prices on this eventful occasion found themselves with a scarcity of customers. In short order the youthful horde forced the neglectful concessionaires to post special Childrens' Day prices.

* * *

If what we saw at the C.N.E. is a true indication of the trend of the times, it seems certain that the buyers' market we have heard of for so long is truly just around the corner.

—Photo by Ful-O-Pep Photographer

Study in Concentration. H. Persall of Waterford, Ont. (facing the camera) seems to be holding his own with J. Ruddell at the checker tourney.—C.N.E.

—Photo by Ful-O-Pep Photographer

A Real Champion, owned by A. G. Leidman & Sons of Caledonia, drew a throng of admirers at the Canadian National Exhibition.

1948 Car Features Comfortable Interior

Silhouettes will be lower, achieved by dropping the height slightly and widening the body somewhat. Lines will be smoother, and front ends simpler except for more massive bumpers (on the rear also) to bring the eye down.

There will be a tendency to shorten body lengths a little because of compaints that cars are not fitting in garages. Much more glass will be used, so that pillars will be narrowed and blind spots eliminated, says Newsweek.

In body interiors the target is living-room comfort and atmosphere. Front seats, getting wider for ten years, will add a little more space. Air conditioning will be installed on the more expensve cars.

Mechanically, the biggest change will be elimination of the gear shift, with several companies planning to offer this feature in their '48 models. Engines will be shorter, perhaps through wider use of V-type models, the object being to cut down the length of the hood and bring front and back seats forward, cradling passengers between the two axles for a smoother ride.

Irish moss found in the waters off the North Atlantic coast is used in puddings, medicines, cosmetics and lotions.

TAKE NO CHANCES with coffee. Insist on Maxwell House. It's an extra-delicious blend of coffees that is Radiant-Roasted to develop all its extra-rich, full body.

The Difference

Jimmy and Bobby were in beds side by side in the children's hospital, and the visiting hour had just passed.

"Ah, you big sissy!" Jimmy said. "Crying because your mummy's gone away!"

"I'm no' crying for my mummy," Bobby answered. "I'm crying because ma wee dog's died."

"Well, my granny's died," answered Jimmy, "and I'm not crying."

"Maybe you hadna your granny since she was a wee pup," Bobby sobbed out.

Electric Typewriter

A new electric typewriter is now ready for production by a company in the United States. The new machine is the result of more than 20 years of continuous research. Thousands of electric typewriters were produced in the nineteen twenties but the engineering techniques then known made the machines too expensive and too cumbersome. Their manufacture was discontinued, but research was not.

Not Done With Mirrors

The court waxed hot. "Sir," stormed the defense lawyer, "you have admitted you were seated on the right side of the passenger coach where you couldn't see an extra track. Will you please explain to this jury how you can swear the line was double-tracked?"

"Well," meekly answered the witness, "I could look across the aisle and through the coach windows. I saw a train whiz by occasionally, and took it that there was either a track under it or else this railroad had some mighty good railroaders."