



HALTON JUNIOR FARMER male quartet copped top honors Saturday in the singing competitions at the Ontario Jr. Farmer spring conference in Toronto. They defeated three other quartets for the honor, and the Halton choir also won a first prize in the choir competition. Quartet singers from left were Joe Love, Paul May, Graham Reeve and Dave Lockie.

Barn Ventilation Important Moisture Damage is Hazard

Ventilation of your dairy barn is a very important matter this time of year. Moisture damage to the barn structure is one of the large hazards, as each cow gives off about 12 pounds of water per day. A reasonably tight barn will not let this moisture escape. This moisture, if allowed to accumulate in the air is also harmful to the animals.

The amount of air moved to give clean dry, fresh air varies over the year. On cold winter days, about 30 cubic feet per minute air movement per cow is sufficient to remove moisture without dropping heat, while summer ventilation would require that up to 150 cubic feet of air per minute per cow be moved. Consequently you will see a two exhaust fan system in most dairy barns.

The two fans are normally placed side by side near the ceiling on the leeward side of the barn. The smaller fan will move about 30 cubic feet of air per minute per cow, while the larger fan will move about 100 cubic feet per minute per cow. The small fan will be run continuously from a manual switch.

Cold Weather
In extreme cold weather (-20 degrees F) this fan may need to be shut off over night. The larger fan is run from a thermostat set at about 50 degrees F. This fan will not normally operate until the barn temperature rises above 50 degrees F.

Fresh air inlets are usually not required. There are enough cracks and spaces in older barns to admit sufficient air into the barn. However, hay holes, and other passages to the upper barn floor should be closed to prevent drafts.

Barn Fans
Barn fans are readily available from such sources as co-ops, hardware stores and feed supply companies. If you know your required rating in cubic feet per minute, the fan is easy to select. Further information on barn fans is available to Halton County farmers from the Ontario Department of Agriculture office in Milton.

Plant Physiology Topic Of Growers' Association

The Burlington and District Fruit and Vegetable Growers' Association held their first meeting in the Lions Hall, Burlington, under president Chas. Brown, of Upper Middle Road. Mr. Brown succeeded Walter Johnson of Walker's Line. One of the new projects is the use of a stamp "These are Farm Dollars", on all farmers' cheques, to emphasize the importance of farm dollars in a community.

Dr. John Wiebe, research scientist from Vineland, was the lecturer at the meeting. The role of sunlight in food production in plants and the effect of temperature on the growth of plants was outlined. Dr. Wiebe explained why certain plants grow better under one given set of conditions and that plants differ markedly in these requirements. The effects of respiration, transpiration and nutrient uptake were explained for all to understand.

A discussion period followed. At the next meeting on February 6, Dr. Wiebe will continue this topic and discuss the flower and fruit formation in plants.

There's nothing new under the sun, and it's the same old stuff under the moon too.

Halton Plowmen Hold Annual Meet, Election

Lloyd May, Milton R.R. 4, was elected president of the Halton Plowmen's Association, at the annual meeting held on Monday, January 6, at the United Church, Hornby.

Milton R.R. 4; Thos. Howden, Milton R.R. 4; Jack Marchmont, Hornby R.R. 2; Frank Hall, Streetsville R.R. 2; associate director, Wm. Rayner, Milton R.R. 1, Burlington; Roy Ellenton, Milton R.R. 6; Brock Harris, Milton R.R. 6; Erwin Gunby, Burlington R.R. 1; Ed. Segsworth, Burlington R.R. 2; associate director, Gordon Thompson, Milton R.R. 2; Nassagaweya; Sam Finnie Sr., Hornby R.R. 1; Robt. Hurren, Campbellville R.R. 2; Ross Gordon, Rockwood R.R. 2; Lloyd Stokes, Campbellville R.R. 2; associate director, Jack Turner, Milton R.R. 3.

A. H. Creighton, Department of Immigration and Agricultural Development of the Canadian Pacific Railways, was guest speaker. Mr. Creighton has been in charge of tours of farm groups to foreign countries. In his remarks he outlined a recent tour of 30 farmers to the Hawaii Islands, New Zealand, Australia, Hong Kong and Japan, and pointed out differences in farming in these various countries.

New Slate
The election of officers resulted as follows: honorary president, Clebert McDowell, Hornby R.R. 1; past president, Stanley May, Hornby R.R. 2; president, Lloyd May, Milton R.R. 4; first vice-president, J. C. Cunningham, Georgetown R.R. 3; second vice-president, George Swann, Court St., Milton; secretary-treasurer, J. Allen Francis, Milton.

Directors: Esquering, Clifford Wrigglesworth, Georgetown, R.R. 2; Roy Currie, Milton, R.R. 3; John Wilson, Norval R.R. 1; Bill Speck, Hornby R.R. 1; associate director, Keith Leslie, Georgetown R.R. 4.

Oakville: J. Cameron Marshall, which may in time become toxic to the plant.

2½ pounds lean ground beef
1½ cups bread crumbs
2 cups finely chopped apples
3 eggs, slightly beaten
2 teaspoons salt
2 tablespoons mustard
1 medium onion, chopped
½ cup catsup
¼ cup evaporated milk

Combine ingredients thoroughly; pack into a greased loaf pan. Bake at 350 degrees F. for 1½ hours, or until nicely browned. Creamy mushroom sauce gives a special touch to this meat loaf. Add ¼ cup of milk to a 10 ounce tin of condensed mushroom soup, heat in a double boiler and pour over loaf when serving. Garnish with sprigs of green parsley. This recipe serves eight.

ALL-CANADIAN
A two-year-old heifer raised by Ashville Farms, Milton, and presently owned by William A. Haysen of Wisconsin, was named an All-Canadian two-year-old heifer, by judges at the Royal Winter Fair in Toronto.

Lukewarm Water Best for Violets

African Violets (Saint Paulia) are very popular house plants grown in a large number of Ontario homes. If given suitable light conditions, and not over-watered, they will continue to flower for a long period, say Horticulturists with the Ontario Department of Agriculture.

These plants do not thrive in strong sunlight, and have to be shaded or placed in a north or east window during spring and summer, but during winter they will do well in a south window.

Watering is best done in the morning with lukewarm water, care being taken not to splash the foliage. Yellow or white spots, circles or streaks on the leaves are caused by allowing cool water to come in contact with the leaves when watering, or by condensation of moisture from the air due to a sudden drop in temperature, or by watering with cold water.

RECIPE

Looking for a new way to use apples in your meals? Food specialists at MacDonal Institute, Guelph, suggest trying their economical apple meat loaf.

It is not wise to immerse the pots in containers of water, as crystals of soil nutrients tend to form on the surface of the soil,



"IT PAYS TO SHOP in Milton", a slogan of the local Chamber of Commerce, certainly rang true for three area residents. Mrs. Alfred Ford of R.R. 4, Milton, was presented with a \$100 bond, Mrs. Hilda Mott was presented with a bond for \$50 and Mrs. J. Frost of R.R. 3, Milton, was presented with a bond for \$25, as winners of the Milton Chamber of Commerce Christmas Draw. Shown from left to right, are Mrs. Frost, Mrs. Mott, Milton Chamber of Commerce secretary-treasurer Earl Black, and Mrs. Ford.

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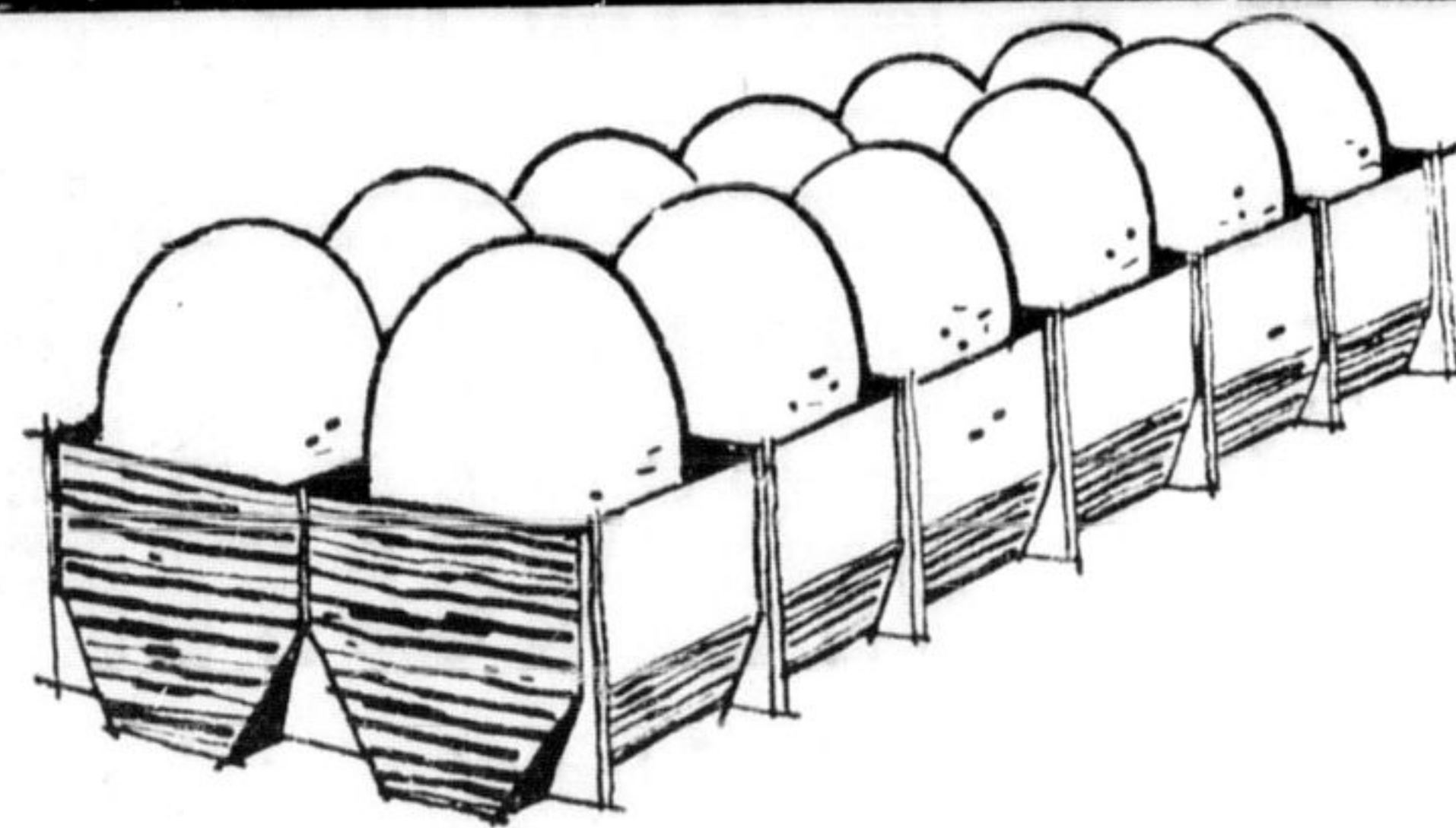
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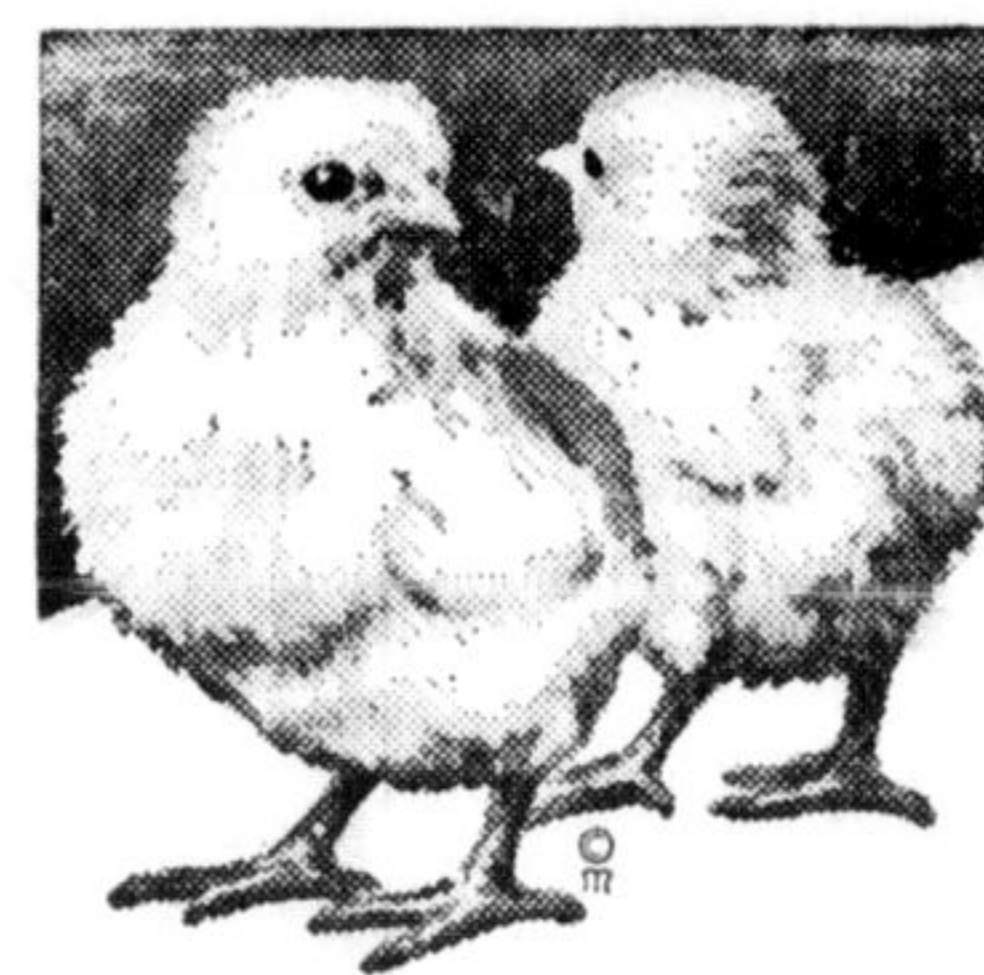
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