

Joe Chamberlain's Son Is Appointed Prime Minister

His Was First Signature Attached To Empire Trade Facts

When the Imperial Economic Conference met in Ottawa in 1932, the first signature attached to the Empire Trade facts was that of Mr. Joe Chamberlain, Chancellor of the Exchequer of Great Britain and son of Joseph Chamberlain who over a generation before had fought in Britain for tariffs and for an Imperial preference, a policy which sounds strange in these agreements.

Now Neville Chamberlain, 63 years of age, succeeds Stanley Baldwin as Prime Minister, a post his father never reached.

Prime Minister Chamberlain was coming into political life. His 35 years were devoted to business, and he became Mayor of Birmingham during the war his services in administrative capacity were recognized by the government. He became a cabinet minister under Bonar Law and served in several posts. With the retirement of Philip Snowden in 1923, he became Chancellor of the Exchequer, in which post he has made a name for himself.

He brings an Imperial outlook to his new job.

At the same time three men have played a noteworthy part in British public life step out—Stanley Baldwin, Ramsay MacDonald and Walter Runciman.

Weather Science Coming Profession For Canadians

Knowledge of Meteorology Necessary in Airway Development

TORONTO.—A prediction that meteorology—the knowledge of the weather, will soon be one of the world's most important sciences was made last week before the Royal Society of Canada.

John Patterson, director of the Meteorological Service of Canada at Toronto, urged universities to take the study of the prediction and provide the least elementary courses in the sense which at present is taught in Canada only at the University of Toronto.

Mr. Patterson, delivering the presidential address before the chemical, mathematical and physical sciences section of the society traced the history of weather forecasting in Canada since the 1860's and said the great stride forward made in the past few years in making a weather service for the trans-Canada and trans-Atlantic airways.

He said, he has undertaken the responsibility of providing a meteorological service for the western coast, Newfoundland and eastern Canada for the trans-Atlantic service and is busy engaged in preparing for a service from coast to coast for the trans-Canada airway.

He recalled that an airway was established several years ago across the Atlantic and that it was discontinued. Now that it is to be revived, meteorological service is faced with the fact modern airplanes fly so fast as they did when the service was operated. Consequently the weather service has to be more frequent.

At the close of both the trans-Canada and trans-Atlantic airways, the services will have to be maintained and forecasting centres established at the principal centres in the country, necessitating a great deal of personnel.

The meteorological service of Canada, he said, is basing up in the most possible time a technical staff with the necessary sub-technical staff and the necessary equipment in order that the service may be operated in the most efficient manner.

He said that because of the technical staff he had developed "to the point where it offers great opportunities for students and mathematicians to study the fundamental problems in meteorological science," he had urged universities to launch courses.

Mr. Patterson spoke also of last week's daily flights at Fort Smith, N.T., for gathering meteorological data in conjunction with the United States weather bureau and praised the work of the three Royal Canadian Air Force fliers, Sergeants James Sorenson and Thompson, who missed only three days in the air between October 16 and March 2.

They were changing their plane from one to wheels the days they were needed.

He said the work of the climatological section of the service had increased greatly in recent years by growing demands from manufacturers of heating, ventilating, air conditioning and similar machinery for data on the climate in various districts of Canada.

HAVE YOU HEARD

A bulldog when he meets a rival has only one thought in mind, he knows he must hang on.

Father's Day

My Dad
I've got the best dad in the world!
I heard a fellow say,
But he can't hold a candle to the dad I greet today;
He don't know what I think of him, it's awful hard to tell—
I hang around—the words won't come, but, gee, my dad is swell!
He says "Get at your lessons—turn off that radio!"
I make a fuss—he thinks I'm mean—
—gee, how I hate to go
To my room and study, with programs on the air;
But how could I get on at school if my dad didn't care?
And when I go out with my dad oh boy, do we have fun!
He knows the things that I like best,
I'm glad I am his son;
He's kind of hard on me sometimes,
but just the same I'm glad,
That he and not some other guy
turned out to be my dad!
—Fred Winslow Rust.

A woman attended a lecture on the Pilgrim Fathers. At the end of the lecture she said: "We have heard a lot about the Pilgrim Fathers. What about the Pilgrim Mothers who had to put up with the Pilgrim Fathers?"

From the Los Angeles Times we clipped: "Life's hardest ups and downs are keeping up appearances and keeping down expenses."

Master—Why haven't you learned your geography?
Jones Minor—I heard dad say that the world was changing every day, so I thought I'd wait until it settled down.

Read It Or Not—Bristol County, Rhode Island, with an area of 24 square miles, is the smallest county in the United States.

Doctor (who had dropped in for a sandwich)—"What's the matter, Old Timer?"
Druggist (grumbling)—"I'm simply worn out. For some unexplained reason I have had more calls for medicine this morning than I have had in six months, and I'm nearly frantic trying to locate the food drugs we stuck away when the store went bankrupt."

Life is at best a zig-zag when we with most of us zigging when we should be zagging.

Amos Tash—"Is your son Hiram going back to college this fall?"
Farmer Joe—"Yes, it'll cost something to send him, but it'll be worth a good deal to keep him from interfering with practical work around the farm."

Can a wife help her husband in his work? In some ways. For instance, she can help to keep him neat, clean, and dressed-up.

Janet—"Oh, Proffy, what do you think of me now that you've kissed me?"
Professor—"You'll pass."

Life has many problems. You are probably one of them.

Teacher—"What excuse have you for being late?"
Johnny (breathlessly)—"I ran so fast, teacher, that I didn't have time to think up one."

In the country chickens go home to roost;
In the city they go home to rest.

Lady (at party)—"Where's that pretty girl who was passing the sandwiches a little while ago?"
Hostess—"Oh, are you looking for something to eat?"
Lady—"No, I'm looking for my husband."

Brief Comment
That \$80,000 loan by the Dominion to rehabilitate Alberta's jobless youth might be called a Social Service credit.—Hamilton Spectator.

A pretty woman owes her greatest debt to nature, despite the fact that stores and beauty parlors get more of her money.—Guelph Mercury.

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GARDENING

By GORDON L. SMITH

(ARTICLE NO. 15—
There are two groups of garden insect enemies—those that eat holes in the foliage and those that suck out the juices. For the first-named, poison is usually applied, while the suckers are attacked with a burning spray which penetrates. Often when both are present, a combination of poison and something that burns, such as lime sulphur and arsenate, give the best results. The damage from the biting insects is usually quite apparent but the presence of the other kind is only shown at first by a wilting or withering of the foliage. For sucking pests, chief of which are the aphids or plant lice, spray with whale oil soap, a quarter pound of soap to a gallon and a half of water; nicotine sulphate, or "Black Leaf 40" or any other repellent secured from a reliable seed store.

Mildew or Other Fungus
When fungus attacks the plants, the foliage usually turns yellow or brown, or white spots like mildew cover the leaves. Fungus is most common in warm, murky weather. Spraying with Bordeaux Mixture or dusting with specially finely ground sulphur is advised. Sulphur dust will also protect hollyhocks and phlox from rust, if applied when the disease first shows itself. An ordinary tin can with the top perforated like a salt shaker makes a good duster. **Slow Growth Disastrous to Certain Vegetables**

Tender vegetables are those which have been grown quickly. Especially with such things as radish, carrots and beets is slow growth disastrous as the roots become woody and filled with objectionable fibre.

Neon Lights on Farms?
Red rays make plants grow faster. Plant physiologists have known it for years. But it is not easy to get a lamp which is bright enough. Then the harsh, brilliant neon tubes that pierce the night of every Main Street came along. The physiologists tried them. Sure enough, the plants were stimulated. But not in the right way. The leaves grew luxuriantly, but stems and stalks were too long.

In Holland two engineers of the Philips Company, J. W. M. Roodenburg and G. Zecher, have made some new experiments which show that neon can be used to force plants properly. If the dosage is right, the stalks do not shoot up too far, but become thicker and hence stronger.

The ordinary neon tube used for advertising will not do. Roodenburg and Zecher found that the gas had to glow in vapor lamps like those used for highway lighting. Even then the glare blackens at the end of 2,000 hours. But the results obtained with neon in growing gorgeous flowers and red strawberries in midwinter with exposures to red rays eight hours a night make this observer wonder whether some day we shall see bits of countryside ablaze with the steady, relentless red of neon.

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No Oratory?

An Ontario businessman, feeling the need of a change and having at last become interested in how the nation's affairs are managed, went down to Ottawa during the session. For two days he sat in the public gallery and listened, comments Maclean's Magazine.

He reports to us that he was greatly disappointed in the speeches made on the floor of the House. He had expected to be alternately soothed and excited by oratory. There wasn't any. He was bored. Now he wants to know where all the silver tongues have got to.

Speaking to the Acadia Alumni of Montreal recently, Hon. J. L. Ilsley, Minister of National Revenue, supplied the answer.

The House of Commons style, said Mr. Ilsley, is the most difficult thing in the world to acquire and the House of Commons is the most difficult forum in the world in which to make a successful speech. Those who make good parliamentarians are rare indeed.

The pitfalls enumerated by Mr. Ilsley are these:
A speaker cannot be too serious and too prosy.

He cannot be too factious. He cannot afford to quote too many figures; read from too copious notes. He cannot give way to outbursts of temper.

He must avoid talking too much or too little. He cannot be guilty of purple patches, pedantry, display of learning, bookishness, over-preparation, inaccuracy, sloppiness of construction, slang, funny stories.

In short, he cannot copy the technique which makes many a good lecturer, after-dinner speaker, Dominion Day orator, stump speaker, evangelist, jury lawyer, Appeal Court lawyer, or professor.

Our disappointed friend will recall that on entering the gallery he paid no amusement tax.

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Poultry Yard Parasite Pests

Keep a Constant Look Out For Them

As warmer weather approaches keep a sharp lookout for poultry parasites. Birds are subject to attacks from mites, which are very difficult to eradicate once they get established in a poultry house. Birds cease to thrive in mite-infested houses. These insects are persistent blood-suckers during night time.

For a time their presence may be unsuspected, so that it is necessary to keep a constant look-out. There are very few poultry farms that are perfectly free from pests. They must, however, be kept in check if the hens are to continue producing eggs. When present to any great extent they may prove fatal to chickens.

During daylight they leave the fowls and seek shelter in crevices in the walls, perches, nest boxes, or any dark corner or crack, returning to the birds after dark when they have

gone to roost. The roosts require special attention. These should never be permanent, and on no account should branches of trees with bark covering be introduced into a hen house. The roosts should be planed smooth and fitted into sockets. They should be scrubbed periodically and the sockets saturated with a strong cresol solution. Don't neglect the nest boxes and burn and change nesting box litter frequently. Lime wash interior of henhouse three times during Summer season, add soap and kerosene or carbolic acid to the lime wash.

A sparrow was killed at the Lithgow, N.E.W., golf course, when a player drove a ball, striking the bird and killing it instantly. The ball was deflected only slightly and stopped within five yards of the hole. The ball covered a distance of 120 yards, the bird being hit after the ball had gone 80 yards.

Britain's wealth is estimated to be £40,000,000,000. The average man's share is represented by the last 10 figures.—London Punch.

Does Color Have Influence on Utility Of The Horse?

'A Good Horse Cannot Be of A Bad Color,' a Maxim That Gives Latitude for Discussion

A correspondent writing to the Ottawa Farm Journal makes inquiry as to color in horses, whether it has an influence on their utility or fitness for work on the farm under the extremes of heat and cold of a Canadian climate. In spite of the fact that good horses come in all colors, experienced horsemen have certain well-defined prejudices in regard to color. Yet, if a horse is unsuitable in color to the climate, a great deal can be done to mitigate the bad effects.

Black and White
In very cold weather, for instance, the black horse needs much warmer housing than the white horse. A black horse must be blanketed where a white one is perfectly comfortable uncovered. In hot weather, particularly in the grilling days of a hot wave, a black horse will not endure the hardships of working in the noon-day heat of the sun as will a white horse.

But inside the stable he will stand better under 98 degrees F. better than a white horse. There are a few men who know this peculiarity in the black horse and they cover his body with a thin white cloth when he is working in the hot sun, and this prevents him from overheating. The black natives of tropical countries dress in white for the same reason, that of reflecting the sun's rays outdoors, but indoors a black dress is best at temperatures below body heat.

The whole matter of horse color may be reduced to the following general rule:
Where there are no extremes of heat or cold the dark colors are best, but the greater variation the lighter should be the color, the whites being best for the hottest and coldest climates. The black thrives best where there are no extremes of heat or cold and little or no sunshine to overheat him.

White Spots
The white spots on face and nose so often found on horses have their disadvantages. They often become blistered and scalded from a species of sunburn, especially after grazing on a dewy pasture. The injury seems to be due to the effect of light on the unprotected skin. Then there are the white markings on the legs and feet. No one knows why these curious patches appear in so many breeds of horses. The sunburn that so often affects the white markings on the face does not so readily cause trouble on the white of the feet and legs. Perhaps the heavy hair on the fetlocks of the draft animals protects the white skin from sunburn, as well as injury from briars.

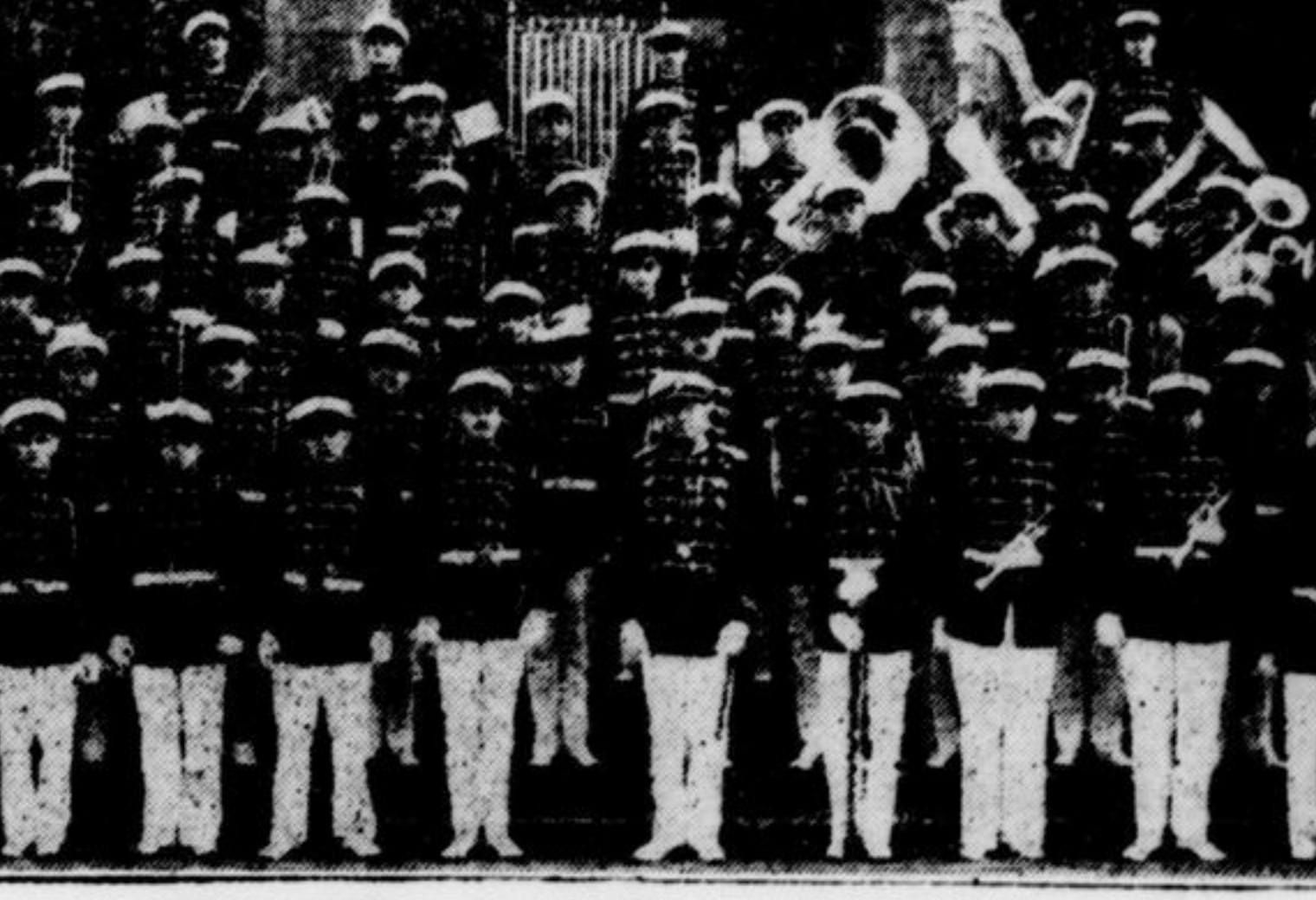
The Bay Color
In contrast to the blacks and grey color of the Percheron, bay is the predominant color of the Clydesdale and Belgian. Many of the leading animals of the past and present history of the Clydesdale and Belgian breeds have a mixture of white hairs among the bay ones that give a "frizzly" appearance. But the bay color seems best suited to a temperate climate in which it is neither extremely warm nor extremely cold. They fit in a wider environment of climate than either the extreme limit of color in black or white animals.

Horses of light bay shades reflect the sun's heat almost as well as the white, and are light enough in color to conserve heat in winter. They are better than the whites or blacks, in spite of the fact that the white horse is best for the extreme heat of summer, and the extreme cold of winter, or the black horse which finds his most genial environment when the sun is not shining.

Function of Color
We are well aware of the law of adaptation to environment that animals follow in nature. Oft-times we hear it explained that animals turn white in winter so that they may escape the notice of their enemies, through the concealment which their resemblance to the background of snow furnishes them. But the important function of color in reflecting the heat of the sun or assisting or preventing the radiation of body heat has been somewhat overlooked. Though the law of adaptation does not apply to the domestic horse, color in horses has an influence on their utility and fitness for domestic duties assigned them under the extremes of heat or cold of our climate.

A man's false teeth were frozen to his jaws recently at Oregon City, Oregon. Mr. Fred Welland, aged 85, slept through a night with his mouth and bedroom window open. Next morning he had to work his jaws up and down with his hands before he could move them.

Magnificent Musical Attraction for C.N.E.



— First "Foreign" Tour of U.S. Navy Band

It was necessary for the Canadian National Exhibition to get the personal approval of President Franklin D. Roosevelt to permit the famous band of the United States Navy to appear at Toronto this year. This favorite musical organization of the Americas, North and South, will appear twice daily in the great new bandshell at Exhibition Park under the baton of Lieut. Chas. Benter. The entire strength of the band, eighty-five men, will be brought to Toronto. This is the first occasion in its history of almost one hundred and fifty years that this famous organization has appeared outside of United States territory.

New Industry Is Developed

Visit Paid by Government Official to Marl Beds

ROCKTON.—John M. Casey, inspector of the federal department of mines at Ottawa, paid a visit to the new plant and mine of the Beverly Holdings corporation in Beverly swamp, near the village of Westover, and expressed himself as surprised at the development of the new fertilizer industry which was established under direction of A. Anrap, general manager, who was a former officer of the mines department.

Aid To Press Writers Urged

By Empire Union — Britain Found "Cold" to Dominions' Reporters.

LONDON, Eng. — The Empire Press Union concluded its second annual conference last week after adopting a resolution urging its council do everything possible toward improving facilities for Empire correspondents within the United Kingdom, whose task is to portray for the dominions a complete and authoritative, as well as colorful picture of life in the United Kingdom.

It was said insufficient recognition was given outside newspapermen, whose work frequently was labored with unnecessary prohibitions and lack of co-operation.

The conference was marked by speeches from persons prominent in every phase of the newspaper world. Modern technique and the latest equipment were lengthily discussed, including the wirephoto, wireless and television.

But members generally agreed with the sentiment expressed by Sir Stan-

To say a person is well known is not necessarily a compliment.

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