

Gen. Foulkes Takes Issue With Simonds, Macklin

OTTAWA (CP) — Gen. Charles Foulkes, chairman of the joint chiefs of staff, has entered the argument between two retired generals and the defence department.

Gen. Foulkes, in a speech Wednesday night to the Canadian Industrial Preparedness Association, replied to attacks on government defence policy by Lt. Gen. Guy Simonds, former chief of the army general staff, and Maj. Gen. W. H. S. Macklin, former army adjutant-general. Both retired last year.

Canada's top military man did not refer to either of his two former subordinates by name. But he made it plain at the start of his speech to whom he was referring when he said: "From events of the past year, I doubt if anyone would associate a general with the term 'silent'."

Gen. Simonds has said that development of the new RCAF CF-105 supersonic jet fighter is "money down the drain" and should be working on guided missiles. Gen. Macklin has compared the northern radar warning lines to the China wall or the Maginot line.

Gen. Foulkes, chairman of the joint chiefs for nearly six years, said the intercontinental ballistic missile "is some way off and for some time to come the intercontinental bomber will provide a much more accurate delivery system than the ballistic missile."

He added: "The manned bomber, and perhaps an unmanned bomber, will be a threat for some time to

come, and even after the advent of intercontinental ballistic missiles we must be prepared to deal with a combination of both types of delivery of mass destruction weapons."

More radar would have to be provided for the air defence system to ensure that fighter interceptions of attacking bombers could be made beyond the settled part of Canada to avoid effects of radioactive fallout on Canadian cities.

Gen. Foulkes also took issue with two other points raised by the two retired generals. Gen. Simonds has said that there is no free liaison between the Canadian and American chiefs of staff and Gen. Macklin has contended that the chairman of the defence research board should not be a member of the chiefs of staff committee.

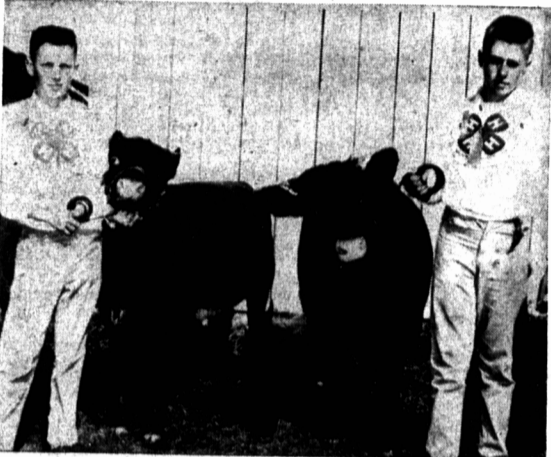
Gen. Foulkes said: "I would

like to dispel any suggestion that there is not the closest relationship between the chiefs of staff of Canada and the U.S. or that the Canadian chiefs of staff do not have access to their opposite numbers as often as there are matters of mutual concern to be discussed and negotiated."

In regard to Gen. Macklin's argument, Gen. Foulkes said he himself recommended that the DRB chairman be a member of the joint chiefs of staff.

The service chiefs did not have the training to be able to recognize readily or initiate and apply many of the complicated scientific discoveries emerging at an increasing rate from research laboratories. The DRB chairman's constant presence at the chiefs' meetings ensured that the scientific outlook was always brought to bear on all appropriate problems.

CALF CLUB WINNERS



BROTHER combinations were not unusual at the rural youth fair and here are seen Dennis Hughes and Ronnie Hughes from the Brackley Seaside Calf Club who took the grand and reserve grand for dual purpose Shorthorn calves at the Rural Youth Fair.



RALPH Thompson of Tryon Calf Club is not very big but he seems to know how to raise a calf. His champion Holstein took top honors at the Rural Youth Fair out of 39 entries.



TWO BROTHERS, Bert Palmer (left) with the champion calf and Stanley Palmer (right) from the Kensington Calf Club were the top contenders in the Guernsey breed at the Rural Youth Fair.

WARM ISLES
Shade temperatures generally range between 60 and 93 degrees in the Fiji islands in the South Pacific.

JOINED TERRITORIES
The federation of Rhodesia and Nyasaland with a combined area of 486,000 square miles came into effect in 1963.

HAMPTON

The funeral services for the late William Charles Fall, whose sudden death occurred at Craupaud on September 21 were held from the residence of Mr. Clark Fall on Sunday, September 23, to Craupaud United Church, conducted by Rev. Lloyd Archer. Interment was made in Craupaud Cemetery.

Much sympathy is being extended to the surviving relatives of the late Mr. Thomas D. Carrut, widely known and highly respected business man of Summerside, where his death occurred at the age of 82. Interment was made in the Church of Scotland Cemetery, at Cape Traverse.

The death at Charlottetown on September 20 of Bridget O'Brien, formerly of Bonshaw, at the age of 88, has removed a widely known resident of Bonshaw. For many years she made her home with her brother, who predeceased her. Services were held at St. Ann's R.C. Church Lot 65. Interment was made in the Church Cemetery.

From the passage: "Have this mind in you which was in Christ Jesus," Rev. Bryer Jones gave an inspiring message to a large assembly of attentive hearers at the afternoon service of Public Worship held at Desable United Church, on September 23.

The evening service of Public Worship here, on September 23, was in charge of The Irwin Group from Trinity United Church, Charlottetown. This group of 17 or more talented young people heartily united in contributing to an enjoyable service to the large number present thereat.

Canada Boosts Wheat Exports

OTTAWA (CP) — Canada boosted her wheat exports in the last crop year, but for the second consecutive year she fell behind the United States, the world's top exporter.

Canada's policy is to sell for dollars only. The U.S. gives some wheat away and also sells on long-term loans and for local currencies.

In the 1955-56 crop year which ended last July, the U.S. not only got a larger share of the world market than did Canada but she also sold a larger percentage of her export quotas under the International Wheat Agreement, a bureau of statistics survey showed Friday.

Total Canadian exports rose to 308,700,000 bushels from 251,500,000 in 1954-55. U.S. shipments increased to 357,800,000 from 280,400,000. Those of Australia also stepped up to 107,500,000 from 94,300,000 while Argentina's dropped to 108,700,000 from 134,500,000.

Gum Salesman Found Guilty Of Manslaughter

COCHRANE, Ont. (CP) — Charged with murder in the June 14 slaying of Alice Robideaux, 27, of Montreal, James Grisewood, 20-year-old bubblegum salesman from Port Credit, was found guilty of manslaughter Friday and sentenced to 12 years in penitentiary.

Mr. Justice Wilfred Judson said the sentence was given with regard to Grisewood's extreme youth.

Miss Robideaux's nude and battered body was found on a bridge at Farquier, 27 miles east of Kapuskasing.

Grisewood was arrested shortly after being pulled from a wrecked car by a truck driver who then gave him a lift.

Grisewood testified he knocked her down in self-defence when she attacked him with a knife during a bedroom quarrel. She had struck her head against the bed, he said.

Montreal's mountain was named Mount Royal by Jacques Cartier in 1535.

A VETERAN showman at 11 seen holding her reserve champion of age is Heather Jones of the Alexandra Calf Club. She is Fair.



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NEWSY NOTES

By J. A. Clark, D.Sc.

HYBRID CORN

As mentioned in previous Newsy Notes, corn is of American origin. There are no known wild species and all types and varieties of corn belong to one species (Zea mays L.). The six types are easily identified: Pop, pop, flint, dent, soft and sweet. Frost kills all varieties of corn in all stages of its growth. Varieties of flint and sweet corn have been grown more generally in Canada because of their early maturity, except where there is a long frost free season as in south-western Ontario.

Corn is naturally cross-fertilized by the wind and for years it was thought undesirable to induce self-fertilization. Those who first tried this method were disappointed because they obtained reduced yields. Two investigators, however, persisted in order to secure "hybrid vigor" that had been successfully used by plant breeders, with other members of the great family of true grasses (Gramineae), to increase yields.

INVESTIGATORS

Dr. Shull of Princeton University and Dr. E. M. East of Harvard University both began work independently of one another in 1905 by selling certain strains of corn. They later joined forces and their several pure strains to cross with other pure strains and thus secure "hybrid vigor." They found it necessary to inbreed strains for from five to eight generations.

The greatly increased yields produced by this system appealed to Henry Wallace, who was Secretary of Agriculture, under the administration of President F. D. Roosevelt. He was the first private breeder to follow this method. D. J. Jones of the Connecticut Experiment Station and Wallace were mainly responsible by their demonstrations for the acceptance of this new corn breeding method.

In the United States fifteen million acres of hybrid corn was planted by 1938, and it increased the total yield of corn that year by 120 million bushels. Similar work was undertaken in Ontario and Manitoba by the Experimental Farms, and in Quebec by MacDonald College. They were successful in producing a number of early strains of high yielding corn by that method. One of these, Algonquin, a hybrid corn developed by MacDonald College gave excellent results as silage corn on Prince Edward Island. Areas that required earlier hybrid corn have had good returns from Canada No. 240 and other more recent strains developed by the Canada Experimental Farms.

IMPROVEMENT OF CORN

There is evidence that corn was improved by the native Indians of the Americas long before the white man came to these countries. This work has been continued by farmers and breeders through the years as they worked with this, the greatest cereal crop in wide areas on both continents. Mass selection was first tried

and there were beneficial results; then ear-to-row selection, which also worked well when carefully carried out. Later varieties hybridized produced great numbers of these were tested out under different conditions of soil, length of season and climatic conditions. In 1900 no less than 30 varieties of flint corn and 199 varieties of dent corn were recommended by the United States Experiment Stations.

RESELECTED LINES

The method used to isolate new inbreds from backcrosses and single and double-cross hybrids is referred to as second- and third-cycle breeding, because the inbreds thus obtained are sorted out from hybrids that had parents that were inbreds. In this way reselected lines are obtained and used in new hybrid combinations which may be used in additional cycles of inbreeding as long as there is a prospect of further improvement.

The gamete selection method is more technical and there is no space available here to describe it. The recurrent selection plan was devised by Hall (Florida), to obtain plants with specific combining ability with the least amount of inbreeding. The details of these

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P.W.C. NEWS

This is election week at P.W.C. and as you may gather, for some time it's going to be pretty hectic for others it's going to be very busy making it hectic for the first group. Anyway this is the first show of College spirit and so far the backing has been wonderful and one, who has graduated long ago, would be proud of his old Alma Mater's new brood. Three parties have some how been formed and they are due to present their plea to our teen-age public sometime early next week.

The infamous party rallies have been held and next morning many were kept busy cleaning up their signs. The party leaders, Roger Burns for Collegiate, Alex Murchison for Red and Blue, and Garth MacLennan for the Welshmen will present their platforms, drawn up at the rallies, at the giant party rally to be held next Tuesday when our teenage city gentry in the auditorium. This giant gathering should remind some of our more elder teachers of the old time elections that were once held on the Island. In fact if we only had a few rival papers we would be all set.

I have tried, unsuccessfully, to capture the spirit of this event for some of the old timers, but after much rewriting and rewording this I then requested a set of party platforms by which I hoped to show that's running through our veins, and also to give them a change to decipher the new undecipherable teen-ager. Sorry to say the only platform received by deadline time was that of the new collegiate party. So throw away your prejudices and return once more to the "Long Long Thoughts of Youth," and maybe you will catch some of this, the finest spirit of competition in your veins.

The Collegiate Platform is headed "Our Motto—Under Way—Right Away" it calls for:

1. A Return to College spirit.
2. A Monthly issue of the College

methods are given in an article by F. Dimmock, of the Central Experimental Farm, Ottawa, in the July-August 1956 Agricultural Institute Review pages 13, 14, and 40. He also describes how double-cross hybrids produced by the Experimental Farms are released to commercial seed producers under contract. So far 13 superior corn hybrids have been released by the Experimental Farms, for commercial production. These have contributed greatly to the extension of corn production in new areas in Manitoba and Ontario and no doubt will contribute to the improvement of the corn crop in Canada, which was estimated to have a farm value of fifty million dollars in 1955.

W.C.T.U. NOTES

Dr. Donald Hewitt says: "No scientist or doctor now living can tell any person whether or not he will become an alcoholic addict after he has taken his first drink. This simply means that everyone who takes even one drink of any alcoholic beverage thereby becomes a potential alcoholic addict since there is absolutely no guarantee that once he has taken his first drink he will be able to call a halt."

When Dr. Albert Schweitzer, the wonderful missionary-doctor, made his first trip up the Ogowe River in Africa, reports the Western Temperance Herald, he noted from time to time the ruins of abandoned huts in the river bank. A trader who was a passenger on the boat remarked: "When I came out here 15 years ago these places were all flourishing villages." And why are they so no longer? Inquired Dr. Schweitzer. The reply was short

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and to the point—"Alcohol."

It was not long before Dr. Schweitzer learned at first hand of the terrible destruction being wrought amongst the natives through the use of strong drink, and it led him to say:

"The liquor traffic among the Native Races is commercially our greatest wastrel; socially our greatest criminal; and morally and religiously our greatest enemy."

And another great doctor-missionary—Sir Wilfred Grenfell saw so much misery and suffering caused by strong drink amongst the poor people of Labrador that he could not help say: "A thousand times have I thanked God that I have kept clear of the drink handicap."

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- Dance in Cambridge Hall, Tuesday, October 2nd, sponsored by the Cambridge Women's Institute.
- St. Teresa's supper, Wed. Oct. 3rd, Supper 5-8.30. Dance after Webster's Orchestra.
- Hot Chicken Supper, Tues. Oct. 30th, Tracadie Hall, Dance after
- Chicken Supper and Bazaar, South Rustico, October 8, 1956.
- Dance in New Glasgow Hall every Tuesday night 9 to 12. Canteen.
- Come to card party, Spring Park Hall, Monday, Oct. 1st, 8 o'clock, prizes, lunch, tournament.
- Regular meeting Vernon Legion Branch, Tuesday, October 2. Note change of date.
- Accepting poultry at our plant Monday through Thursday. Paying highest market prices. Waddell Bros. Craupaud.
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