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SUMMERSIDE, P.E.I.

It's new... It's better... chicks learn to eat quicker... do better on it



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ASIAN SEA

The World Council of Churches made up of 156 churches from all parts of the world.

The Caspian Sea in Asia is 280 miles long and 170,000 square miles in area.

LOADING LIVE HOGS

WE ARE IN THE MARKET FOR A LARGE QUANTITY OF LIVE HOGS EACH WEEK FROM THE FARMERS ON PRINCE EDWARD ISLAND. NOTIFY OUR TRUCKERS IN YOUR VICINITY WHEN YOUR HOGS ARE READY TO MARKET. LOADING HOGS EVERY MONDAY AND TUESDAY AT:

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- BRISTOL
- ST. PETER'S
- MOUNT STEWART
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- NEWTOWN CROSS
- PANMURE ISLAND
- ELDON
- VICTORIA CROSS
- CARDIGAN
- MT. ALBION
- MILLVIEW
- JOHNSON'S RIVER
- NEW HAVEN - BONSHAW
- STANHOPE - COVEHEAD
- ROCKY POINT
- CORNWALL
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- NORTH WILTSHIRE
- HUNTER RIVER
- HOPE RIVER
- FREDERICTON
- STANLEY BRIDGE
- BREADALBANE
- EMERALD
- KINKORA
- ALBANY
- WESTMORELAND-CRAFAUD
- KENSINGTON
- LONG RIVER
- SEA VIEW
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- ALVIN McLAUGHLAN
- ROY CAMPBELL
- DOUG MacDONALD
- ROBERT CRABBE
- ELMER CLOW
- GORDON MATHESON
- D. B. REID
- HAROLD MacLEAN
- LEIGHTON BELL
- EARL TODD
- CLAYTON GREEN
- JAMES P. CALLAHAN
- J. GEORGE MacKAY
- BERT J. TROWSDALE
- OLIVER CAMPBELL
- WILLIAM BELL
- JAMES B. McLEOD
- GRANT McLEOD
- HARRY WAUGH
- ROBERT P. HOGG

SHOULD YOU NOT HAVE AN ADVERTISED TRUCKER IN YOUR VICINITY, TRUCKING WILL BE PAID TO ANY TRUCKER OR FARMER DELIVERING HIS OWN HOGS AT OUR STOCK PENS, RAILWAY WHARF, CHARLOTTETOWN.

DO NOT FORGET IT IS THE LIVESTOCK THAT IS SHIPPED OFF THE ISLAND THAT SUSTAINS THE PRICE ON THE ISLAND.

Swift Canadian Co. Limited

IMPROVE YOUR POTATO PRODUCTION BY BETTER PROTECTION



Niagara Dusts have all the features you can look for. The dusting mechanism distributes the dust evenly and thoroughly. All dusting operations are easily controlled and the machines are easily handled in the field. Strong welded construction of frames and hoppers make Niagara Dusters good investments for many years of economical service.

FULL RANGE OF MODELS

3-ROW BOOM TO 8-ROW BOOM

Select the model you need for the acreage you grow.

MAKE 1950 A BANNER YEAR OF PRODUCTION SELECT YOUR NEW NIAGARA DUSTER NOW

ISLAND EQUIPMENT CO.

JOHN MUSTARD

P. E. I. Potato Growers Association

NIAGARA BRAND SPRAY CO. LTD., Burlington, Ont.

Canadian Holstein Establishes World Record

All eyes in the dairying world were on Vercheres, Quebec, on April 25th when the announcement was made that a purebred Holstein cow had established an official world record for 365 day production of butterfat: over all ages and breeds on three times-a-day milking. The cow was appropriately named Triumph (her registered name is Sprucehane Farm Triumph) and her production is given as 1,365 lbs. butterfat from 31,878 lbs. milk average butterfat test 4.28 per cent. An official record is one where the milk is weighed at each milking. The Dominion Department of Agriculture supervised the making of this record.

Triumph calmly accepted the adulation heaped on her by leading Agricultural figures but basking in her reflected glory were three men, her owner, H.L. Guilbert, Vercheres, Que., her breeder, S.J. Hammond, St. Paul's Station, Ont. and herdsman Claude Archambault. The latter fed and cared for the Champion while she was making her record-breaking test, and in this age of machine milked cows, provided the exception by milking her entirely by hand.

Not only is Triumph a champion producer but she is one of the leading glamour girls of the Canadian show-ring, her qualities of bovine beauty having twice given her the distinction of being made Grand Champion at the Quebec Provincial Exhibition. She has been officially classified as Excellent, a designation for symmetry of form that has been given to only a few Holsteins in the Dominion.

The Champion received the same care as the other cattle in the herd. In fact the only time that Mr. Guilbert tried to pamper her was last August when he installed an electric fan to help keep her cool. This back-fired as she developed a bad cold and suffered the only serious set-back during the course of her record.

For five consecutive months Triumph averaged a daily production of forty quarts of milk and for the full year averaged thirty five quarts daily.

The new Champion's son born at the start of her record breaking lactation is being retained as a herdsire in Mr. Guilbert's Eglantiers herd.

The former official World Champion for butterfat production over all breeds on three times-a-day milking was the Canadian Ayrshire Ardgowan Valda who completed her record of 1,356 lbs. fat from 31,167 lbs. milk in 1937. Canadian Holsteins now hold all three of the major world records for official butterfat production in the yearly division. Alberta Gerben who made her record of 1,409 lbs. fat in the herd of Hays Limited, Calgary, Alta. in 1945 is the official World Champion over all ages and breed and regardless of times milked daily. Triumph is the official champion on three times-a-day milking with her record of 1,365 lbs. fat while the champion on twice-a-day milking is Lynnend Harlog Daisy owned by Jack Wauchop, Kleinburg, Ont. with 1,324 lbs. fat.

The Suez Canal, 104.50 miles long, was opened to traffic on Nov. 17, 1869.

TRACTOR BARGAINS

New "CUSTOM TRACTORS" by "CHRYSLER"

Both row crop and standard wide front axle types available.

Engine: Famous "Chrysler" Heavy Duty Industrial type-217 cu. in. piston displacement 55 H.P. at 2000 R.P.M. 20% Discount off list: Trade ins accepted and liberal terms offered.

FRANK S. FALES Ltd.

DODGE-DESOTO AMHERST, N. S.

FOR SALE OR TRADE

HORSES AND CATTLE TAKEN IN TRADE, OR AS PAYMENT ON THE FOLLOWING:

1940 Dodge 5-Passenger Coupe in excellent condition (new engine).

1937 2-Ton Ford Flat Bottom, dump and hoist (engine new 1947).

Several used Tractors, Massey-Harris, Farmall and Cocksutt.

Several Registered Mares, Belgian and Standard-bred. One to 16 years.

Work Horses—3, 4 and 5 years of age. Hereford Cows, Heifers and Bulls. Also several Steers. Small House—24 x 16—good condition. Rubber-tired Wagons (used and new). Root Pulper (new) bargain price. Spike, Lever and Disc Harrows (new and used) Grain Drills (new and used) Riding Cultivators, Scafflers (new and used). Quantity of Used Furniture.

Full line of Farm Machinery manufactured by Cocksutt, Ranges made by Belanger, Lighting Plants and Water Systems made by Fairbanks-Morse.

F. C. RAMSAY'S MONTROSE RANCH

Weed Control in Canning Peas

(Experimental Farm News)

The control of weeds in canning peas has long been a serious problem. A heavy weed population in a field of peas will bring about a lowered total yield due to competition for moisture, plant food, space and light. Indirectly it will cause a lowering in quality of the canned product, since weed infested peas require a longer time for harvesting and processing, says L. H. Lyall, Division of Horticulture Central Experimental farm, Ottawa. The growth habit of the pea vine, and the areas involved, make hand weeding far too expensive a method of weed control. For these reasons an efficient and moderately inexpensive herbicide should be of considerable value to growers of canning peas.

Both weeds and crop plants may vary a great deal in their reaction to treatment with chemicals, according to their stage of growth, climate conditions, and other environmental factors. Thus recommendations for chemical weed control must necessarily be made with regard to specific conditions and should be based on local experience. The fact which is of prime importance for the efficient use of most herbicides is that the weed plants must be quite small at the time of application.

Herbicides may be applied to peas either as post-emergence treatments made after the peas have emerged from the ground, or as pre-emergence treatments applied after the seed is sown but before the plants have emerged.

Post-emergence treatments which have shown some promise for use on canning peas of two types, the "dinitro compounds" such as Sinox and Dow Selective Weed Killer and the calcium cyanamide preparations such as Aero Defoliant Chemical Dust (Cyanamid).

The "dinitro compounds" are applied as sprays, usually at rates of 70 to 80 gallons per acre. However the strength of the solution and the rate of application will depend upon the specifications of the manufacturer, and these specifications should be adhered to very closely. There have been varied results with this type of weed killer and care must be exercised in their use. Pea plants should not be more than 3 to 4 inches tall at time of spraying and even then a certain amount of foliage injury may result. In general the best results, with the least injury to the pea plants, will be obtained if spraying is done when the plants are dry but when the humidity of the atmosphere is high and rainfall is not likely to occur for several hours after spraying.

Aero Defoliant Chemical Dust (Cyanamid), as the name implies is applied in dust form to the peas after emergence. It will give control of broad-leaved annual weeds if applied when the weeds are reaching the four leaf stage. The peas may show some slight injury but yield does not appear to be affected adversely. The herbicide should be applied when the leaves of the weeds are wet with dew, otherwise it may be largely ineffective. The rate of application should be 75 to 80 pounds per acre.

Pre-emergence treatments offer a good possibility for control of weeds in canning peas without producing any injury to the pea plants. In Eastern Ontario and in Nova Scotia, Calcium cyanamide has been used with some success for this purpose. The granular type has been used because of its ease of application. It can be applied with a common fertilizer distributor and does not clog up the machinery. Rates of 100 to 150 pounds per acre have given good weed control and in some cases have resulted in increased yields of peas. For this material to give consistently good weed control a definite procedure must be followed. The land must be prepared for planting and then allowed to stand for 4 to 5 days before the peas are sown. Then 4 or 5 days after sowing, when the peas are just beginning to break their seed coats, the calcium cyanamide should be piled over the whole area. This waiting period of 8 to 10 days from preparation of the land until application of the weed killer will allow most of the weed seeds in the surface layer of the soil to germinate. Under suitable conditions these will then be killed by the herbicide. The killing action of granular cyanamid takes place within the first 3 days after application and is

Powdered Milk Export To Be Doubled

OTTAWA, April 20 — Canada has exported dry whole milk to about 50 different countries in 1949, but foreign markets are being restricted now by exchange problems. This is one of the reasons why, after very rapid expansion during the war, the concentrated milk industry is suffering from so-called "growing pains" and some adjustments of necessity have been and are taking place," D. B. Goodwillie, Chief of Dairy Products Grading and Inspection Service, federal Department of Agriculture, said at the annual meeting of Quebec Dairy Technicians Association, at St. Hyacinthe, Que.

"There are two factors which, if continued, will have a serious effect on the development and prosperity of the concentrated milk industry," added the speaker. "Some manufacturers and dealers have sold goods in certain markets which were not in accordance with the official grades. This practice not only has done the seller harm, but has undermined the reputation of our products in these markets. If the manufacturer deliberately tries to mislead the government's grader, he is simply fooling himself—a practice which usually proves expensive in lost markets as well as in other ways.

"Another point which should be kept in mind is that packages used for the sale of goods should be attractive, clean, neatly and correctly branded. There is little to be gained in producing a high quality product if it, in turn, is placed in a cheap, dirty, poorly and incorrectly branded package."

Mr. Goodwillie had previously stated that the domestic use of evaporated milk was approximately double what it was ten years ago and that it was still increasing. One reason, he said, for this development was that a high quality product has been produced and sold. Sweetened condensed milk was affected by the exchange problems to a greater extent than others, owing to the fact that over 60 per cent of Canada's production was exported.

According to the Chief of Dairy Products Inspection and Grading, Canada is developing good trade in dry skim milk, a trade which promises to expand, providing we can produce high quality goods of a type required by the user. About 60 per cent of this product is manufactured in a larger extent in Quebec than in any other province, he said. "Probably the greatest problem in connection with the manufacture of this product is uniformity. A number of buyers have refused Canadian cases on account of this defect."

dependent upon moisture in the form of a heavy dew, a light shower, or simply high humidity at the soil surface in order to give good weed control. For this reason it is doubtful whether the treatment will give control of weeds in regions where there is little chance of high atmospheric humidity during the planting season. This treatment has the advantage that no specialized equipment is required and

ATTENTION HOG PRODUCERS

FOR HIGHEST RETURNS AND PROMPT, EFFICIENT SERVICE, SHIP YOUR HOGS AND OTHER LIVESTOCK THROUGH OUR TRUCKERS EVERY WEEK. YOU ARE INVITED TO VISIT THE LOCAL PLANT AND SEE YOUR HOGS BEING KILLED, WEIGHED AND GRADED.

Albany-Victoria	TRUCKER/AGENT	LOADING DAY
Hampton	L. D. MacLeod & Sons	Thursday
Alberton	George Dunsford	Tuesday
Annapolis	Alberton Coop.	Tuesday
Bedford-Tracadie	J. G. MacDonald	Tuesday
Belle River-Wood Islands	Herb Mullen	Tuesday
Bloomfield	H. Bears	Tuesday
Bradabane	Bloomfield Coop.	Tuesday
Canoe Cove	Elmer Wigmore	Thursday
Cardigan	Archie MacKinnon	Tuesday
Conway - Portage	Norman MacKenzie	Thursday
Freeland	H. E. Phillips	Tuesday
Cornwall	Hazen Howard	Tuesday
Covehead-York	Lloyd Vessey	Tuesday
Crapaud-Westmoreland	R. N. Dawson	Tuesday until noon
Dunstaffnage	Borden Boswell	Tuesday
Iona - Eldon - Pt. Prim-Melville	John McRae	Tuesday
Ellerslie	Ellerslie Coop.	Tuesday
Elmira-East Point	Plus Campbell	Tuesday forenoon
Fredericton	Les MacDowell	Thursday
Gaspereaux - Murray Harbour North	Carl Graham	Tuesday
Hunter River	Borden Bagnall	Thursday
Kennington	Herb McEwen - Mac-rice Casley	Thursday
Montague	Sid MacLean	Thursday
Morrell	Dingwell & Rossiter	Tuesday
Mt. Stewart	Earl Jay	Tuesday
Murray River - Murray Harbour	R. MacPherson	Tuesday
Northam	Spurgeon Dymont	Tuesday
O'Leary	O'Leary Coop.	Tuesday
Peakes-St. Theresa's	Merlin Devine	Thursday
St. Peter's-Bear River-Souris	Roddie Pratt	Tuesday
Summerside	H. S. MacEwen & M. Carey	Thursday
Tignish	Tignish Coop.	Tuesday
Vernon River-Uigg	Ralph Lea	Tuesday
Vernon - Cherry Valley	Walter Crane	Tuesday
Waverley	Eddie Shea	Tuesday
Wellington	Wellington Coop.	Tuesday

Charlottetown and vicinity—For efficient trucking service Monday to Friday phone 286 or 1274. We will pay any farmer truckage on his own hogs delivered to our pens on Grafton Street.

WHY NOT PATRONIZE THE CHARLOTTETOWN PLANT? AN INDUSTRY ON PRINCE EDWARD ISLAND, GIVING EMPLOYMENT TO ISLAND PEOPLE, AND OPERATED IN THE BEST INTERESTS OF OUR LIVESTOCK PRODUCERS.

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- PLOWS & HARROWS—only High Grade Steel
- CULTIVATORS—for all Tractors
- POTATO PLANTERS—all ready to go
- HAY CHOPPERS & BLOWERS—Now On Display

This Famous "JOHN DEERE" Equipment is now Available to You Without Delay—

See this "John Deere" Equipment at

A. PICKARD FARM TRACTORS LTD.

149 Great George Street CHARLOTTETOWN IT'S QUALITY THAT COUNTS.

In addition the cyanamide itself is a useful nitrogenous fertilizer. This fact, of course must be considered in the planning of a fertilizer program.

FROZEN APPLE JUICE HELPS B. C. GROWERS

VANCOUVER, April 21—(CP)—Frozen apple juice may give British Columbia's apple industry a big boost.

C. B. Powell Canadian food broker, just returned from California, reports experiments now are being made in freezing and concentrating apple juice.

"Frozen orange juice has been the biggest thing ever to hit the frozen food and orange industry," he said.

Concentrated juices save on freight charges. Mr. Powell said high freight rates out sales of B. C. apple juice in Eastern Canada. Actually you are paying freight

on water, which makes up a large part of the juice. If water is removed, charges come down rapidly.

B. C. growers were unable to dispose of a large part of their crop last year owing to a lack of markets. They gave the surplus to Britain.

ATTENTION FARMERS

I wish to advise that I have taken over the Selling Agency for the OLIVER FARM MACHINERY such as Tractors, Plows, Hay Machinery, Binders, Etc. Also have in stock a large assortment of spare parts. Phone and Mail Orders will receive prompt attention day received. Your Patronage will be greatly appreciated.

H. B. WEEKS, Hillsboro Bridge, Charlottetown.

HOW TO REAR PULLETS ON THE RANGE

As soon as winter weather disappears, pullets can again be raised on the open range. Below are tested range-rearing management steps which, if followed, will result in a profitable flock:

Chicks can be put on the range when they are about seven to eight weeks of age. When they near six weeks of age, separate the pullets from the cockerels and gradually change their feed from Miracle Chick Starter to Miracle Growing Mash.

Give them scratch grain—early in the day, and before they roost. Keep water fountains filled with fresh, clean water and either sprinkle medium size grit on top of their mash, or put it in separate hoppers.

It is very necessary to provide "Range Shelters", a common size being 10 feet by 12 feet for 100 birds. Keep these shelters at least 250 feet apart and move them at least once every four weeks.

It is most important to see that there is plenty of shade for the pullets during the hottest parts of the day. Where there is no natural shade such as bushes and trees, a crop of sunflowers, planted in rows, will provide excellent shade.

Range Shelters should be equipped with nests so that pullets will be used to them and not lay eggs on the floor when they are put in the laying house.

Range-rearing also calls for good pasture conditions. Even when the soil has been properly prepared and the right grasses well established, a definite program of mowing and renewal is necessary to achieve best results and to guard against disease and parasite infestation.

Pullets should be kept on the range until 15% to 20% are laying. They should be graded before being housed, and the earliest maturing ones put into a separate pen. Some feed hoppers and water containers should be set on the floor at first, as range-bred birds are not used to flying up to raised hoppers and fountains.

When pullets reach 20% production it is time to put them on Miracle Laying Mash—making the change-over a gradual one. Miracle Laying Mash will give layers everything they need to make eggs and still keep up their own strength.



"MIRACLE" GROWING MASH