

ARCTIC HARVEST



Gardens now flourish in the land of the midnight sun (top). Even this old one at Fort Albany, on James Bay, is way down south by modern standards. (Left) This 10-foot sunflower was grown at Fort Laird, N.W.T. (Right) These giant cauliflower were grown near the Arctic Circle. Believe it or not!

(By LEONARD BUTLER)

Canada's frigid north is not as barren as most people think. Careful cultivation of sheltered Arctic Circle will often produce ample dividends in both vegetables and flowers. The vegetables are particularly welcome, since fresh vitamins and mineral-rich foods are not easily obtained in the remote settlements of the far north.

Northern gardeners have problems peculiar to themselves. The growing season is very short and the gardener has to be constantly on the alert. Tender plants must be covered up when frost threatens, and sowings killed by late frosts must be replanted. The same watchfulness is necessary at the end of the season when early frosts might destroy tomatoes and other tender crops.

Season Short

To compensate for the shortness of the season, however, the hours of daylight are much longer than farther south, and the mysterious catalytic agents that promote growth in plants with the aid of sunlight are able to work on a "swing shift" in this way. Adaptable plants, like the potato and cabbage, are able to complete three

normal months' growth in two months of longer days. To provide extra raw materials for the "swing shift" and to give plants a quick start in the spring it is necessary to use fertilizer. Rainfall is scanty in the north, and much of the moisture is furnished by the thawing subsoil.

Beyond the tree line the soil occurs only in cracks and crevices and in river bottom lands. These Arctic soils are usually very acid and are composed of undecayed plant debris. To salvage nutrients locked up in this material and make them available for plant growth, it is necessary to employ millions of bacteria. These bacteria are present in all good garden soils, but are often lacking in the Arctic soils and have to be introduced. This is done either by shipping in a small quantity of loam (often a trip of two or three thousand miles) or by using dog manure which sometimes contains a desirable type of soil bacteria.

Eskimos Help

Sometimes a whole summer has to be devoted to "growing" the soil before one can start growing plants. First the soil must be stripped up and brought to the garden site. For this purpose it is often possible to enlist the aid of a few Eskimos who think that the earth which is dumped in a cold frame or other protected spot and lime is added to neutralize the acidity. Next a complete fertilizer is mixed with the soil. This soil is kept warm all summer and by the next season it is in good shape for raising vegetables.

Competitions Held

In the eastern part of the Northwest Territories and in northern Quebec, hotbeds or greenhouses have to be constructed because the outside summer temperatures are not high enough for normal plant growth. Sometimes it is even necessary to use a coal oil lantern or heater to keep the temperature in the greenhouse from falling too low at night. In spite of all these adverse conditions, good salad plants are being grown in the far north. Crops of lettuce, radishes, chard, spinach and endive thrive in many parts of the Northwest Territories. At Lake Harbour, in Daffinland, over 100 tomatoes were ripened one year, and some enthusiasts are trying to beat this record by growing tomatoes even farther north on Baffinland.

In order to encourage northerners to grow their own vegetables the government and a number of companies have issued gardening literature and promoted vegetable and flower competitions. The Hudson's Bay Company have been holding these competitions for the past four years, and some of the entries are shown in accompanying photographs.

Soil Producing for 250 Years

Although gardening north of the Arctic Circle is a relatively new venture, a little farther south, on the shores of Hudson and James Bays are found some of the oldest gardens of Canada. In some of these the same piece of soil has been producing continuously for over 250 years.

Anyone who thinks that pests are confined to southern gardens should read the tales of woe that come out of the land of midnight sunstans. Grasshoppers, magots, caterpillars, mice and even sleek dogs seem to be attracted to the garden, while all the mosquitoes from the surrounding country come to feast on the hardworking gardener.

WHO, US?



Quizzical expressions on faces of Jap interpreters Hasegawa, Nimori and Inouye indicate they could never, never be guilty of British accusations. Trio arrested in Hong Kong is charged with collaboration in brutal treatment of Allied prisoners. They await war criminal trial.

NATURE STRIKES



Wreckage looks like result of air raid, but was caused by fierce typhoon which struck Okinawa, demolishing U. S. Army post office and grounding many Navy ships. Only deck and twisted girders of roof remain of building as mute evidence of storm's fury.

FORTUNE HUNTER



Postwar plans of Cyril Wilson, 47, British sugar-process worker, call for a junket to the United States to claim a \$15,000,000 fortune left by the late Thomas Henry Blythe, California gold prospector. Wilson alleges inheritance was left to his grandmother and never claimed.

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Picobac
THE PICK OF TOBACCO
It does taste good in a pipe

Modern Etiquette
By Roberta Lee

1. How and where should a woman pay her bill when she has been dining alone at a hotel for several days, and is ready to leave?
2. When a man is eating in a public restaurant, and a woman stops to speak to him, should he rise?
3. How long should a person remain when making a social call?
4. Should the guests be provided with plates and napkins for their supper at a cocktail party?
5. When a man leaves a room, and says good-bye to a group of girls, should he avoid turning his back towards them?
6. Should a woman show the man regard for her associates as a man in asking permission to smoke?

ANSWERS
1. Ask for the bill to be sent to your room, that the items may be checked and totaled. Then pay the bill at the desk. This will save time in going over the items at the desk. 2. Yes, always. 3. From 15 to 25 minutes is long enough. 4. No, neither plates nor napkins are necessary, as napkins are taken with the fingers and eaten in one or two bites. 5. Yes; this can be avoided very gracefully with a little practice. 6. Yes.

TABLE TALKS..

Beet Jam, Beet Relish, Beet Pickles

This week's recipes from the Consumer Section of the Dominion Department of Agriculture include a recipe for jam and two of their most popular recipes for beet pickles.

Ruby Jam
8 cups peeled, finely chopped beets
8 cups peeled, finely chopped carrots
8 cups boiling water
8 cups sugar

Beet Relish
3 qts. cooked chopped beets
1 qt. finely shredded cabbage
1 cup grated horseradish (optional)
3 cups vinegar
1 teaspoon salt
1/4 teaspoon pepper
Mix all ingredients, put into sterilized jars and seal. Yield about 4 pints.

Beet Pickles
1 qt. finely shredded cabbage
1 cup grated horseradish (optional)
3 cups vinegar
1 teaspoon salt
1/4 teaspoon pepper
Mix all ingredients, put into sterilized jars and seal. Yield about 4 pints.

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ALL FOR ONE HUNDRED DOLLARS

100 BUDGET	
SUITS	100.00
SHIRTS	100.00
TRUNKS	100.00
SOCKS	100.00
UNDERWEAR	100.00
SHOES	100.00
ACCESSORIES	100.00
TOTAL	100.00

With the \$100 clothing allowance after discharge, former C.W.A.C. volunteers can purchase a complete civilian wardrobe that is both practical and attractive, says Miss Eve Trill, stylist and fashion show commentator of Ottawa. Miss Trill is pictured left, describing the model budget to Capt. Doran McKervey, Victoria, B.C., officer commanding No. 18 Admin Unit C.W.A.C., Ottawa. The budget allows for dyeing and altering Army greatcoats, caps and

DARK LIGHTNING
By HELEN TOPPING MILLER

CHAPTER IV

Adelaide's eyes were suddenly wide and excited.

"Gary — we could find out, couldn't we? Could you tell if you had a map?"

"Not definitely. I know there's a fault that runs through this — and you see this?" He crumpled the bit of frock in his fingers. "Where there's sulphur there's oil, usually."

"Oh, Gary — let's get a map! Let's go now. We need to tell anyone about it — till you know more about it."

His face was flushed and eager, his eyes burning. He tossed the crumpled cloth away and was abruptly sorry he had said anything about it. Probably he was wrong anyway. Every young fellow who had a couple of letters on a degree had a dream of some day finding the biggest oil strike of all. And oil was like lightning — dark lightning. Where it struck, the peaceful earth was never the same again.

"Yes," he said slowly. "We can probably get a map. And as for whether there's any oil, I don't really know. I've heard that the geologists are pretty sure there's a big oil field out of the ground after someone else located, but I wouldn't want to advise your father to hire geologists — not yet, anyway — not just on my word."

"Oh, but if there should be oil under this place, Gary, Dad would be glad to hire any number of people. If you should find some, it's important — we'd be terribly rich, wouldn't we? And you wouldn't have to go to Mexico. You could live here and work for Dad."

"You mean — you'd want me to stay?" Stunned along his best friend's light answer, he could not look at her. His head was buzzing. Her light answer was like cold water thrown into his burning face. "Oh, but of course! We have fun here. I can talk sense to you and not have to listen to a lot of awful noise about my hair and my eyes and all that dreamy stuff."

"I see. So you want to go on — talking sense?"

"Of course. You've no idea what a relief it is."

"All right," he said, a little flat. "I'll talk sense, then."

"And we'll go straight off and see if we can find a map. Gary — if it's true — I want you to tell Dad."

It was not easy to find a map. Gary saw the old, avid, half-suspicious look come into the eyes of the men from whom he inquired. Like the wild west of a wolf on the scent, like the taut suspension of movement that stiffens a crowd when a voice cries "Fire!"

"They're all alike," he told Adelaide. "I can walk into any hotel in this state and just say 'oil' to them in a low tone — and every man in the place will turn round after that, and a lot of them will follow me."

"I'd follow you, too. Oh, Gary, I'm so excited!"

"Ever hear the story of the well rigger who got to heaven and the place was so crowded he couldn't get in?"

"No, I'll bite. What did he do?"

"He stuck his head in through the

gate and yelled. They're struck all in hell! And in five seconds, flat, half the crowd had run out, and the well rigger moved into the best main room on the golden street."

"Maybe they'll have a map at the book store. Let's try there."

But the book store had no map, though the clerk looked at them with quickened interest. "Only man around here who might have a map like that is old Hughey Fothergill. He worked down yonder at Spirale top last year. Old man Lucas brought that big geology in, thirty years ago — and he's been proving around with a doodlebug ever since, looking for oil. If he has a map, you could maybe get a look at it, but I doubt if he'd give it up."

"I know old Hughey," Adelaide said dubiously when they were in the car again. "All right, we'll try Hughey."

"What's a doodlebug?"

"It's a kind of a contraction made out of a twig or something. They walk around with it — and it's supposed to dip and tremble when there's oil under the surface."

"Well does it?"

"I've heard stories from old-timers who claim that oil was found that way. Probably it was luck."

"This is his house — there, where the pig's stable is the yard. The door of the sooty little shack stood open. Gary banged on it and shouted. "Hello—anybody home?"

"Git out," croaked a voice. "If you're one of them relievers, I don't want nothing. I just want to be left alone."

"I'm not an investigator," Gary said. "You're Mr. Fothergill? I'm Tallman — a petroleum engineer. They told me you had a map of this country."

(To Be Continued)

Buy Victory Bonds
"SALADA" TEA

CHRONICLES OF GINGER FARM
By Gwendolyn P. Clark

The return of service men to civilian life is becoming more evident every day. Not only by the fact that the men themselves are back in circulation, as it were, but by the disappearance from banks, stores, offices and factories of the girls who were carrying on in their absence.

How often the remark has been made—"Mark my words, these girls that have been holding their jobs will never want to settle down and just look after their homes and families."

Perhaps my experience is limited but from what I have seen I have come to the conclusion many of these girls are only too glad to settle down in homes of their own — if they have homes to settle in. Take the case of the young sales clerk I was speaking to the other day. "So you are leaving us and setting up house, are you Mrs. Blank?" The girl's face was absolutely radiant as she answered. "That's right — this is my last week at the store."

"I suppose you are glad, are you?" It was really a very stupid question.

"Am I ever!" came the reply without any hesitation at all. "And then the young wife who held quite an important office position and was so conscientious she felt she could hardly take a day off at all during the war. But yet, as soon as her flying officer came back from overseas, the two of them lost no time in starting out their life together. And, when the girl left her job someone else was found to fill her shoes. There always."

Right now, after six years of war, one would think people everywhere would be glad to live at ease with one another. Instead we have strikes and more strikes, agitators demanding less work and more pay all the time. And into this madroom of discontent come the returned service men, some fresh from scenes of action, others repatriated from prison camps. It is a good welcome home for them, isn't it? Especially when they, too, are going through a period of readjustment, the difficulties of which it is impossible for us to understand. The best we can do is allow for the restlessness that seems to be a result.

With so many problems facing folks everywhere it doesn't seem a very propitious time for floating a new Victory Loan, does it? One never makes it this time! And he won't offer, unless we all dig in our heels against inflation and, as Mr. Hiley put it, "It is a time for action—not reaction."

If only people would try to understand! Wild spending now would be little short of a disaster. It would bring on another depression quicker than anything. Don't make any mistake about it — it's the wise guy that buys bonds. Not only that but every dollar invested in Victory bonds now is one way of doing our bit towards making Canada a country worthy of the sacrifices our boys made over

there, especially the sacrifices of the boys who will never come back.

Buy a Bond? Why not? If you haven't got enough ready cash you have a year to pay for it. This is one occasion when it is quite all right to "buy on time."

How Can I?

Q. How can I prevent the breaking of rice kernels?
A. Do not stir rice while cooking, because it breaks the kernels and makes them mushy. To avoid sticking to the bottom of the stein, grease the pan before cooking.

Q. How can I remove tar from the hands?
A. By rubbing with a slice of lemon or orange peel. The oils in the skin dissolve the tar so that it can be wiped off very easily.

Q. How can I make the surface of aluminum look like new?
A. By pouring a few ounces of vinegar in each aluminum utensil. Heat it and then scour the surface.

Q. How can I loosen a clogged sink pipe?
A. Dissolve 1/2-pound of copper as in 2 quarts of hot water and pour it down the pipe. Repeat if necessary. A solution of soda and vinegar poured down the pipe will dislodge grease.

Q. How can I make a substitute for soap?
A. In an emergency, oatmeal is an excellent substitute for soap. Place a small quantity in a cheesecloth bag and wash just as if using a bar of soap.

Hun Casualties

Premier Atlee told the Commons that it is estimated that German casualties in killed and permanently disabled between Sept. 1, 1939, and May 10, 1945, were 7,400,000.

Men Are Working To Exhaustion

Chronic fatigue and nervous exhaustion are getting men down. . . . Place a small quantity in a cheesecloth bag and wash just as if using a bar of soap.

Dr. Chase's Nerve Food
60c—60c.
150c—\$1.50

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It's ready to go to work in 2 seconds.

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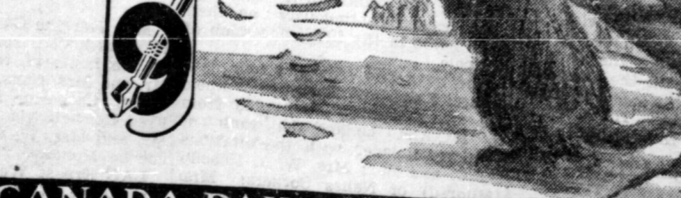
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All Beautifully Furnished With Running Water.
Rates:
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NIAGARA FALLS
OPPOSITE C.N.R. STATION

CHEERS ARE NOT ENOUGH

Let's back up the welcome to our returning heroes with more Victory Bonds. Canada must care for our wounded veterans, rehabilitate all service personnel, care for the dependents of the fighting men who can never return and assist those veterans who may never regain full capacity. Every Victory Loan dollar helps to do all this and is also a secure, sound, interest-bearing investment for the future.

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THE CANADA PAINT CO. LIMITED
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THE SHERWIN-WILLIAMS Co.

IN A CRACKER IT'S CRISPNESS THAT COUNTS

Just break a Christie's Premium Soda Cracker in two . . . see for yourself how delightfully crisp it is. And how that crisp, tender texture adds to your eating enjoyment! **Mmm!**

Christie's Biscuits

FOR A GOOD COUGH SYRUP Try VENO'S

Quick relief for COUGHS - COLDS BRONCHITIS ASTHMA

CHILDREN LOVE VENO'S

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HAMILTON, MONTREAL