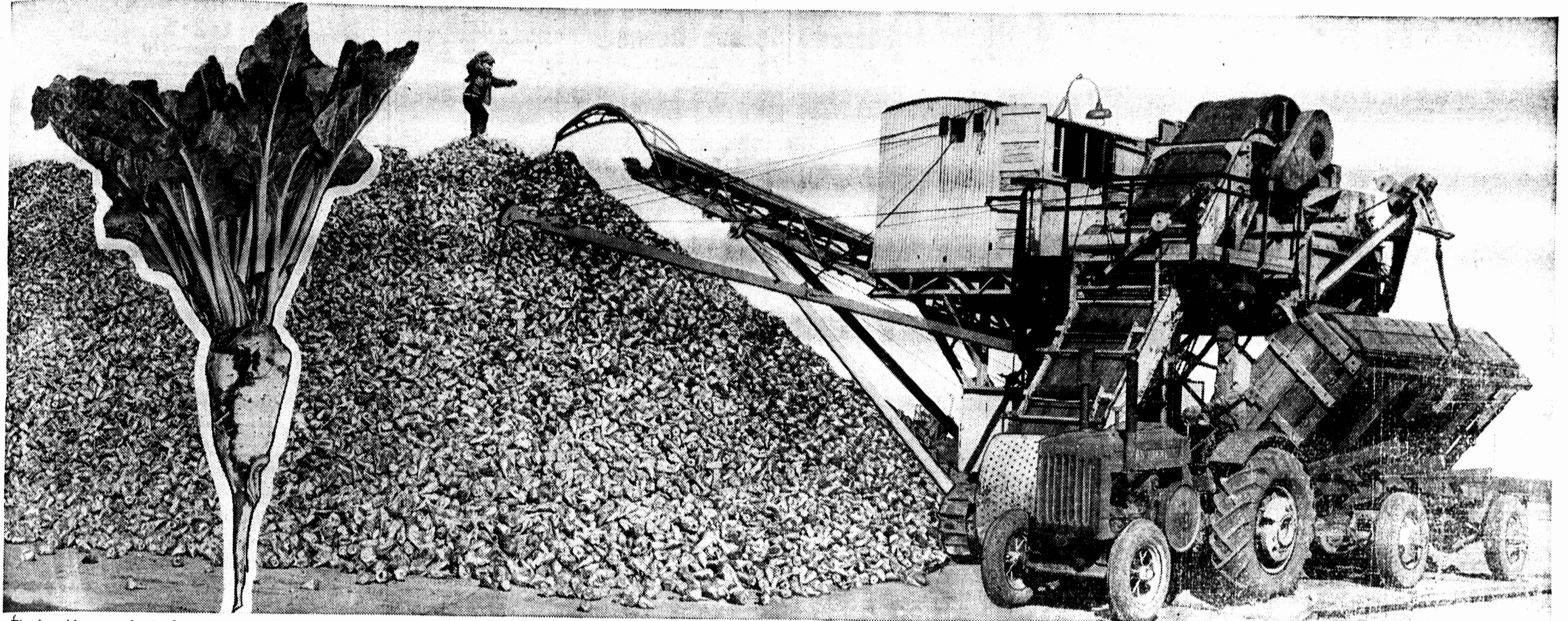


# Demands of War Make Canada's Sugar Beet Industry a Mammoth Enterprise



The humble sugar beet, shown inset in the above photo, now looms as a very important fellow on the Canadian war scene. Combined with tons of such mates as those

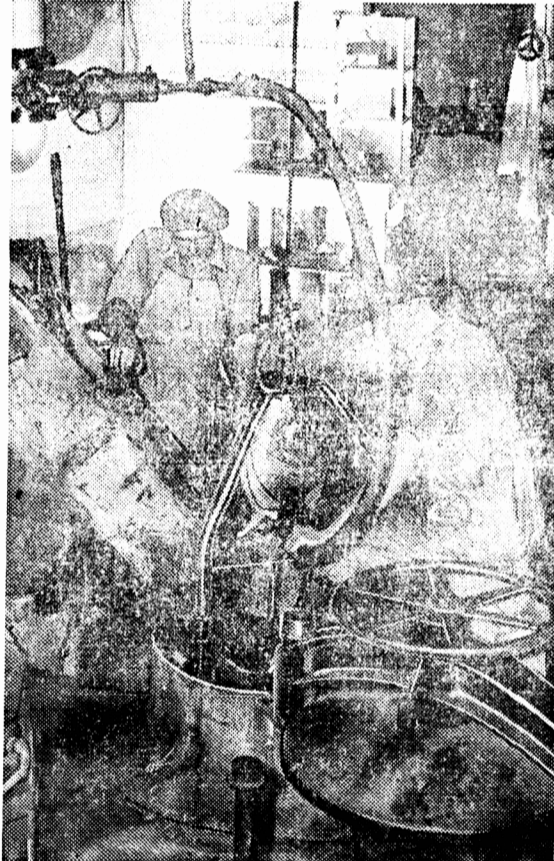
shown in the huge pile in the background, it is making an enormous contribution toward the success of our war effort. If it were not for the home production of sugar,

Canadians would have to accept a far smaller ration for their daily needs. Large quantities of sugar are consumed in the manufacture of high explosives. Not

so long ago we had to depend upon other countries for our sugar supply. Now, thanks to the vision of pioneers, we produce at home and save vital space in our ships.



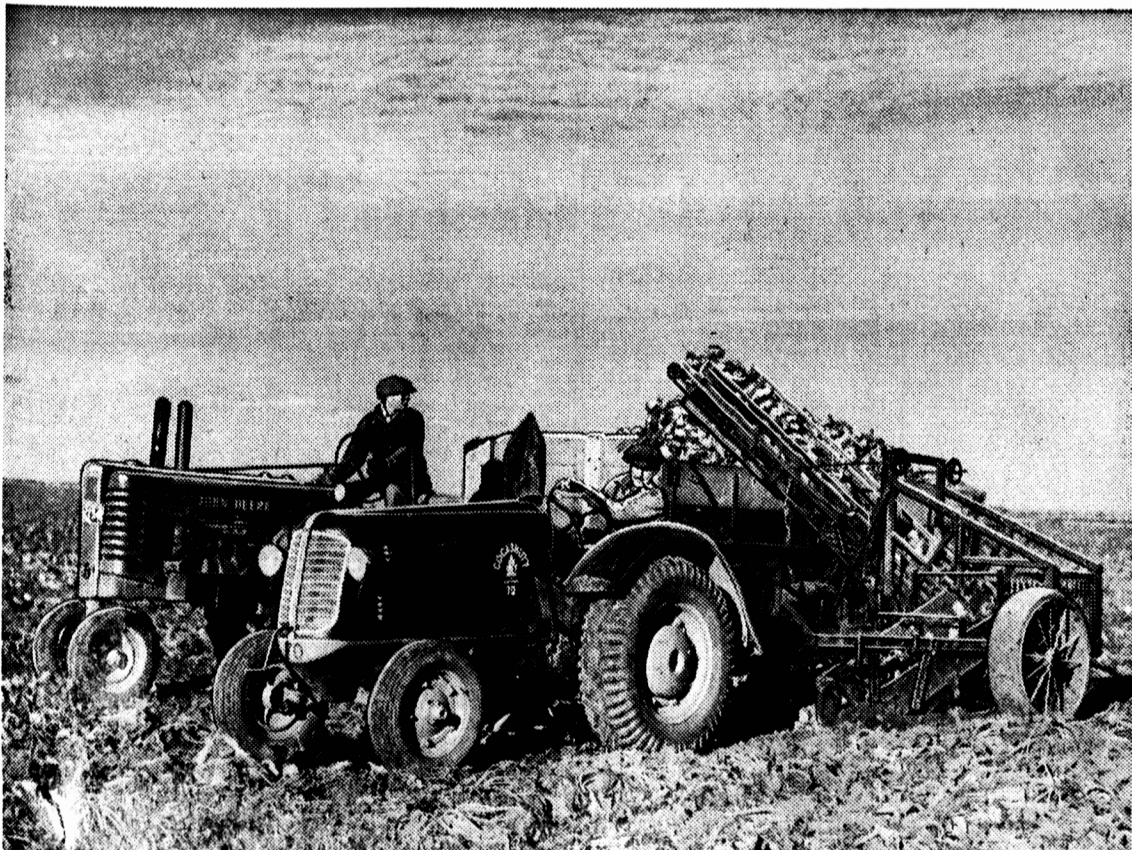
This photo shows some of the complex equipment used in extracting sugar from beets. This plant has a capacity of more than 1,500 tons of beets a day. A two-pound beet yields 40 tablespoons of good sugar—for food or high explosives.



Workers in a large Western sugar factory are shown loading beet pulp into a battery of presses. Waste mash makes excellent food for fattening livestock.



"Just as sweet as can be!" Violet Cruickshank, of Lethbridge, Alta., samples some of the finished product before sewing up the sugar bag. Much research and other hard work lies behind these bags of pure white sugar, produced on Canadian soil.



Modern machinery speeds beet crop from the field to the factory. In this photo a tractor is shown as it hauls a special leading device down a row of freshly

dug beets. Alongside is a second tractor hauling a wagon to receive them. The new industry has been a blessing to both the farmers and our busy war plants.



Workers in an Alberta wheat field sit down to lunch. They "top" beets with hefty knives such as the one held by Elizabeth Szabo, shown in the inset close-up.

She is a Hungarian girl who came to Canada five years ago. Beneficial crop rotation has been accomplished by planting beets in soil formerly used for growing grain.

Photos by Wartime Information Board.