

butions to medicine. Canadians have developed the artificial pancreas and have been responsible for many of the latest advances in radiotherapy, irradiation equipment and even portable dental clinics for remote outposts.

In STOL (short take-off and landing) aircraft, Canada is also in the forefront. First developed for use in the Canadian north, Canadian STOL aircraft are used in many parts of the world over difficult terrain. They also provide a solution to the need for short range, inter-city service.

Agriculture is a scientific industry in Canada. Without research in plant breeding, disease and insect control, crop and animal production, soils and a host of other activities, Canada would not be able to export between \$4 and \$5 billion in wheat, animal and edible products every year. More than 2,000 scientists take part in agricultural research, the results of which permit, on the average, one Canadian farmer to provide food for 50 people.

