

Canadian scientists have produced new varieties of potato, tomato, apple, peach and disease- and insect-resistant cereal crops. They are also active in developing biological control methods for insects and weeds.

Other research areas have included plant cell fusion (a new technique for producing plant hybrids), nitrogen fixation (which converts nitrogen from the air into plant nutrients) and large-scale production of Irish moss seaweed. Triticale, a new cereal grain which is a cross between wheat and rye, has also been developed. Triticale can grow on marginal agricultural land and triticale nurseries have been established in more than 65 countries.

Nuclear power

Canada is an international leader in nuclear power technology. The CANDU (Canadian Deuterium Uranium) nuclear power reactor system, designed in the nuclear establishment of Atomic Energy of Canada Ltd., is probably the most efficient in existence.

Part of the CANDU reactor system at Pickering, Ontario. Each of the 390 pressure tubes holds 12 fuel bundles.

