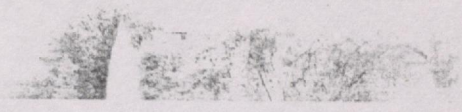


THE OHIO STATE UNIVERSITY



RECIPIENTS OF HONORS

M.S. Swaminathan Doctor of Agricultural Science

M. S. Swaminathan is chair of the M.S. Swaminathan Research Foundation in Madras, India, and holder of the UNESCO-Cousteau Chair in Ecotechnology. He is acknowledged as the architect of the Green Revolution in India and as one of the world's leading agricultural scientists.

Born in Tamil Nadu, India, Professor Swaminathan was educated at Travancore and Madras Universities. He received his Ph.D. in genetics from Cambridge University in 1952. From 1954 to 1972, he worked at the Indian Agricultural Research Institute, New Delhi, mainly in the field of wheat improvement. He served as director general of the Indian Council of Agricultural Research; secretary of the Department of Agricultural Research and Education (1972-1979); and principal secretary of the Ministry of Agriculture and Irrigation (1979-1980).

A plant geneticist by training, Professor Swaminathan played a catalytic role in

India's Green Revolution between 1960 and 1982. From April 1982 to January 1988 he served as director general of the International Rice Research Institute (IRRI). For the decade prior to assuming his post with IRRI, he was at the forefront of one of the most remarkable agricultural accomplishments in recent history—moving India from having the largest food deficit in the world to producing enough grain to feed all of its people.

For more than half a century, Professor Swaminathan has worked in collaboration with scientists and policy makers on a wide range of problems in basic and applied plant genetics and agricultural research and development. His many scientific contributions include conservation of plant genetic resources; *in situ* and *ex situ* conservation of biodiversity; manipulation of genes to improve the yield, quality, and stability of wheat, rice, and potatoes; identification of the barriers to high yields in wheat and initiation of the dwarf wheat breeding

program; and identification of cytotoxic agents in irradiated food material.

Professor Swaminathan was acclaimed by *Time* magazine as one of the 20 most influential Asians of the 20th century and one of only three from India, the other two being Mahatma Gandhi and Rabindranath Tagore. The International Association of Women and Development conferred on him the first international award for significant contributions to promoting the knowledge, skill, and technological empowerment of women in agriculture and for his pioneering role in mainstreaming gender considerations in agriculture and rural development. He was the recipient of the Ramon Magsaysay Award for Community Leadership in 1971, the Albert Einstein World Science Award in 1986, and the first World Food Prize in 1987. He is a fellow of many leading scientific academies, including the National Academy of Sciences and the Royal Society of London.

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