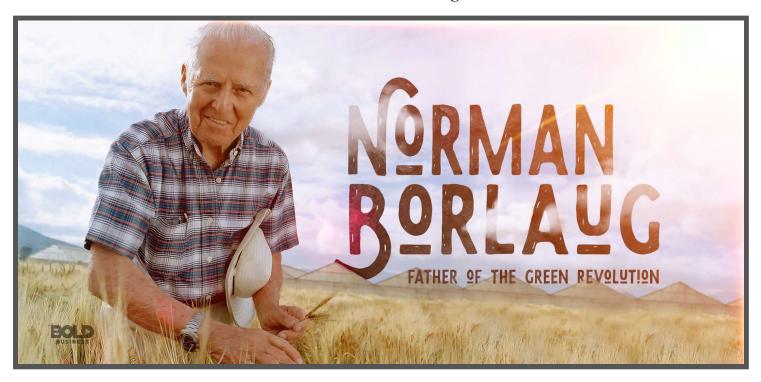
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## **Tribute for Dr. Borlaug**



"You can't build a peaceful world on empty stomachs and human misery".

- 1914 Born in Cresco, Iowa
- 1933 Leaves his family's farm to attend the University of Minnesota, thanks to a Depression era program known as the "National Youth Administration"
- 1935 Has to stop school and save up more money. Works in the Civilian Conservation Corps, helping starving Americans. "I saw how food changed them", he said. "All of this left scars on me."
- 1937 Finishes university and takes a job in the US Forestry Service
- 1938 Marries wife of 69 years Margret Gibson. Gets laid off due to budget cuts. Inspired by Elvin Charles Stakman, he returns to school study under Stakman, who teaches him about breeding pest-resistent plants.
- 1941 Tries to enroll in the military after the Pearl Harbor attack, but is rejected. Instead, the military asked his lab to work on waterproof glue, DDT to control malaria, disenfectants, and other applied science.
- 1942 Receives a Ph.D. in Genetics and Plant Pathology
- 1944 Rejects a 100% salary increase from Dupont, leaves behind
  his pregnant wife, and flies to Mexico to head a new plant
  pathology program. Over the next 16 years, his team breeds 6,000
  different strains of disease resistent wheat including different
  varieties for each major climate on Earth.
- 1945 Discovers a way to grown wheat twice each season, doubling wheat yields
- 1953 crosses a short, sturdy dwarf breed of wheat with a high-yeidling American breed, creating a strain that responds well to fertalizer. It goes on to provide 95% of Mexico's wheat.

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- 1962 Visits Delhi and brings his high-yielding strains of wheat to the Indian subcontinent in time to help mitigate mass starvation due to a rapidly expanding population
- 1970 receives the Nobel Peace Prize
- 1983 helps seven African countries dramatically increase their maize and sorghum yields
- 1984 becomes a distinguished professor at Texas A&M University
- 2005 states "we will have to double the world food supply by 2050." Argues that genetically modified crops are the only way we can meet the demand, as we run out of arable land. Says that GM crops are not inherently dangerous because "we've been genetically modifying plants and animals for a long time. Long before we called it science, people were selecting the best breeds."
- 2009 dies at the age of 95.

"Borlaug's life and achievement are testimony to the far reaching contribution."

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