

MONSANTO



Franz Innovation Award Scholarship Fact Sheet

ROUNDUP AGRICULTURAL HERBICIDES

- Roundup brand herbicides are the number one selling herbicide in the world
- Monsanto has sold over 2 billion gallons of Roundup brand herbicides over the last 34 years
- Roundup brand herbicides have allowed farmers across the world to adopt no-till farming practices, which has resulted in combined reductions in fuel use and plowing/tillage to reduce CO2 emissions into the atmosphere by more than 20 billion pounds in 2005. This reduction is equivalent to removing almost 4 million cars from the road for a year.
- The American Soybean Association estimated that the Roundup Ready soybean system saved 247 million tons of irreplaceable topsoil and reduced fuel use by 234 million gallons in 2000.
- This year the global demand for Roundup and glyphosate products increased about 10 percent, driven by farmers using more glyphosate over their Roundup Ready crops.
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MONSANTO FRANZ INNOVATION AWARD

- An annual scholarship to celebrate the invention of Roundup and to commemorate the induction of Dr. John Franz into the National Inventor's Hall of Fame.
- Monsanto has created an endowment in Dr. Franz's name, which will allow the Monsanto Franz Innovation Award to be awarded annually to a graduate student in organic chemistry at the University of Minnesota, where Franz received his PhD.
- The first recipient of the award is Elena Sizova

JOHN FRANZ

- Born in Springfield, Illinois.
- Received his B.S. at the University of Illinois and Ph.D. at the University of Minnesota
- Began working at Monsanto in 1955
- Discovered the herbicidal properties of glyphosate in 1970
- Distinguished Fellow
- Recipient of first Queeny Award in 1983, Monsanto's highest technical award given in recognition of invention of significant, proprietary technology that resulted in commercial success
- Awarded the National Medal of Technology in 1987 from the President of the United States
- Awarded the Perkin Medal in 1990
- Inducted into the National Inventors Hall of Fame® in Akron, Ohio on May 5th, 2007 which honors the women and men responsible for the great technological advances that make human, social and economic progress possible
- Holds over 840 U.S. and foreign patents.