

# Soybeans & Conservation



## Soybeans are Improving the Environment

*Soybean farmers are committed to being stewards of the environment*

Soybean farmers are growing healthier, more abundant food with less environmental impact. How? Biotechnology. New biotech soybean crops allow for conservation tillage (the practice of eliminating or reducing plowing, which disrupts the soil) and, globally, biotech crops reduce the need for pesticides.

Conservation tillage provides significant benefits:

- ▶ 93% decrease in soil erosion<sup>1</sup>
- ▶ 70% reduction in herbicide run-off
- ▶ 50% reduction in fuel use

Source:

<sup>1</sup> Fawcett, R., D. Towery. 2003. *Conservation Tillage and Plant Biotechnology: How Technologies Can Improve the Environment By Reducing the Need to Plow*. CTC.

**Conservation tillage reduces carbon dioxide (CO<sub>2</sub>) by the same amount as taking 6.3 million cars off the road for a year**



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