U.S. Soy:

FOOD, FEED, FUEL & BIOBASED PRODUCTS

When it comes to food, feed, fuel and biobased products, we don't have to choose.

- **U.S. soybean farmers overcame the worst drought in decades and still harvested more than 3 billion bushels in 2012. By 2015, that number increased to almost 4 billion bushels harvested as a result of sustainable farming practices.**
- When crushed, soybeans produce approximately 80 percent meal and 20 percent oil. Poultry and livestock farmers use 97.1 percent of soybean meal consumed domestically, with 2.5 percent of domestic soy protein used in human food, and 0.4 percent used in industrial products.
- Soybean oil is the primary vegetable oil consumed for food in the U.S. (66%). It is also used in biodiesel and Bioheat (27%) and in industrial uses like paint, plastics and cleaners (7%).

Demand for biodiesel and biobased products has very little impact on the price of food.

- A soy checkoff study found that demand for biodiesel and biobased products made from soybean oil actually increases the supply of soy meal, which will be largely used to produce more food – not less.
- The increased supply of soybean meal also leads to lower feed prices paid by poultry and livestock farmers.
- The U.S. Department of Agriculture's Economic Research Service says the cost of marketing and other services, including transportation, processing and distribution of farm products, accounts for a substantial portion of food prices.

U.S. Soy:

FOOD, FEED, FUEL & BIOBASED PRODUCTS

Supply sustainability

- U.S. farmers have been using USDA-formalized conservation and sustainable practices for over 75 years. These practices are environmentally friendly, socially responsible for the community and make it possible to increase their yield per acre to create a larger, sustainable soybean supply for food, feed, fuel and new uses.

Soy biobased products offer a "green" solution.

- Soybeans offer an abundant and renewable supply of ingredients that make it possible for companies to reduce the petrochemical content in commercial and industrial products.
- Substituting soy for petrochemicals reduces greenhouse-gas emissions.
- Soy-based products offer environmental and health benefits, such as lower Volatile Organic Content (VOC), reduced exposure to toxic chemicals and less irritation from odors.
- Soy-based products can improve product performance characteristics by reducing the amount of potentially toxic ingredients, or the amount of time, labor and energy required to complete a function.
- Hundreds of soy-based products, including cleaning supplies, carpet backing, foam for furniture, automotive seats, energy-efficient roofing materials, coatings, personal care products, formaldehyde-free plastic and wood composites, and lubricants can be sourced at www.SoyNewUses.org in the 2017 Soy Products Guide.

Biodiesel represents a renewable and sustainable energy source

The U.S. government accepted soy biodiesel as part of its revised Renewable Fuel Standard because of biodiesel's greenhouse-gas-reduction properties. Studies show biodiesel decreases GHG emissions by as much as 86 percent over petroleum diesel, qualifying it under the RFS.

http://biodiesel.org/what-is-biodiesel