

Soybean Quality Fact Sheet

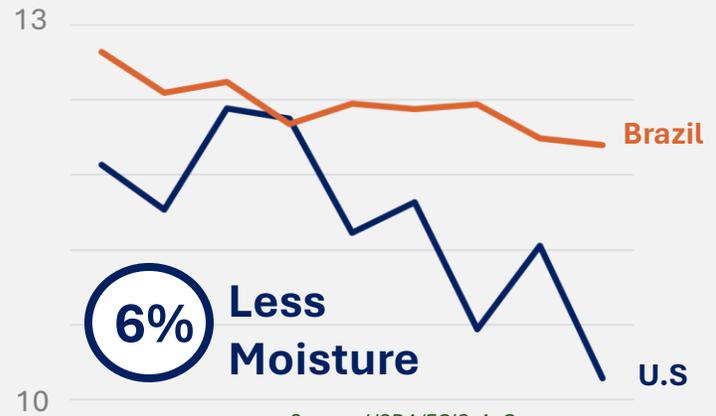
U.S. Soybean Quality and Consistency for Crush



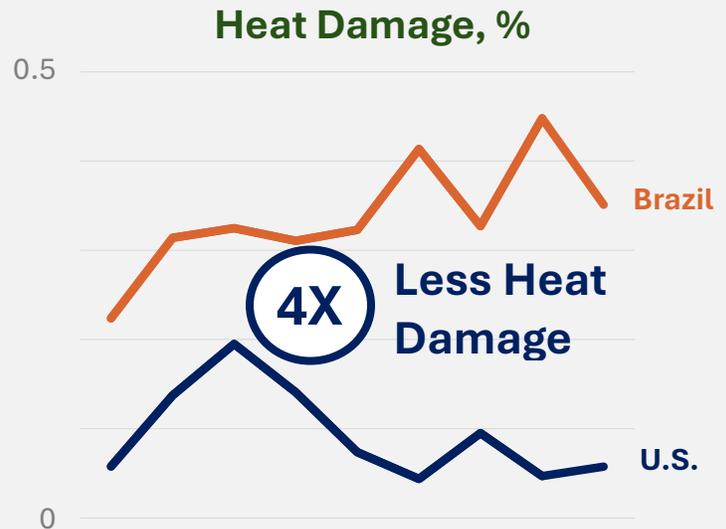
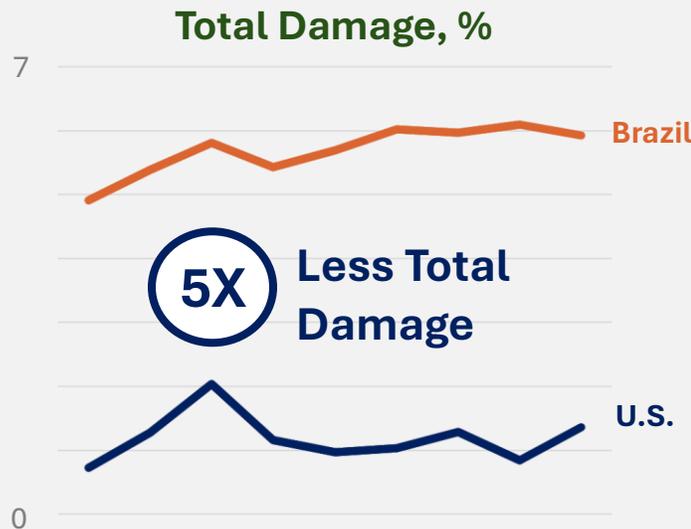
Soybean Quality

- » Moisture content in soybeans is considered a displacement of the nutrients in soybeans and ultimately the resulting soybean meal.
- » Damage and heat damage impact crushing and refining efficiency, and influence the quality of the extracted meal and oil.

Soybean Moisture, % (MY16-MY24)



Total Damage and Heat Damage, % (MY16-MY24)



- » Total damage and heat damage in U.S. soybeans are **lower and more consistent**.
 - » Heat damage in U.S. soybeans has **half the standard deviation** compared to Brazil.
 - » This **consistency improves crushing efficiency** and produces **better quality meal and oil** when crushed in market.
- Source: USDA/FGIS, AgCom

U.S. Soy Advantage

- » **Lower moisture soybeans result in more value.** When soybean prices are \$400 per metric ton, **every 1% reduction in moisture is worth about \$4.50 per metric ton in dry matter.** *Source: Centrec Estimates*
- » **Lower heat damage in U.S. soybeans results in lower NOL and FFA** in the extracted soybean oil – lower refining costs and increasing refining yields. *Source: Flores et al., 2025*

