SOYBEAN OIL:
Competitiveness – The Role of High Oleic Soy

Richard Galloway
Fatty Acids

- Various veg oils are comprised of differing fatty acid profiles

Safflower

Cottonseed

Palm

Corn

Sun

Soy

Canola

Palmitic

Stearic

Linoleic

Linolenic

Oleic
Linolenic Content

The least stable fatty acid
Linolenic Content

The least stable fatty acid

Undesirable Level*

* For frying and other similar high-heat applications
Linolenic Content

The least stable fatty acid

Undesirable Level

* For frying and other similar high-heat applications
Linolenic Content

The least stable fatty acid

Uncompetitive

Undesirable Level

Competitive

* For frying and other similar high-heat applications
Oleic Content

The most stable unsaturated fatty acid

* For frying and other similar high-heat applications
Oleic Content

The most stable unsaturated fatty acid

Desirable Level

* For frying and other similar high-heat applications
Oleic Content

The most stable unsaturated fatty acid

Desirable Level*

* For frying and other similar high-heat applications
Oleic Content

The most stable unsaturated fatty acid

Desirable Level*

Competitive

Uncompetitive

* For frying and other similar high-heat applications
Veg Oil Supply Security

- Crops from as many geographies as possible
  - Weather impact on crop production does not impact overall supplies
- Supplies from as many plants as possible
  - Balanced by supplier management
- Supplies as close as possible to consumption
  - Reduces transportation cost
  - Limits transportation problems – especially during winter
  - Just-in-time inventory management
North American Acreage

- 75 mil A
- 20 mil A

- Canola
- Soybean
Crushing Plants

©United Soybean Board
High oleic soy makes soybean oil competitive again, from a functionality standpoint and a supply security standpoint.
HIGH OLEIC SOY makes soybean oil competitive again, from a functionality standpoint and a supply security standpoint.
Simply Put . . .

HIGH OLEIC SOY makes soybean oil COMPETITIVE again, from a functionality standpoint and a supply security standpoint.
Simply Put . . .

HIGH OLEIC SOY makes soybean oil COMPETITIVE again, from a FUNCTIONALITY standpoint and a supply security standpoint.
Simply Put . . .

HIGH OLEIC SOY makes soybean oil COMPETITIVE again, from a FUNCTIONALITY standpoint and a SUPPLY SECURITY standpoint.