

Soft Wheat Quality Laboratory – Wooster, OH

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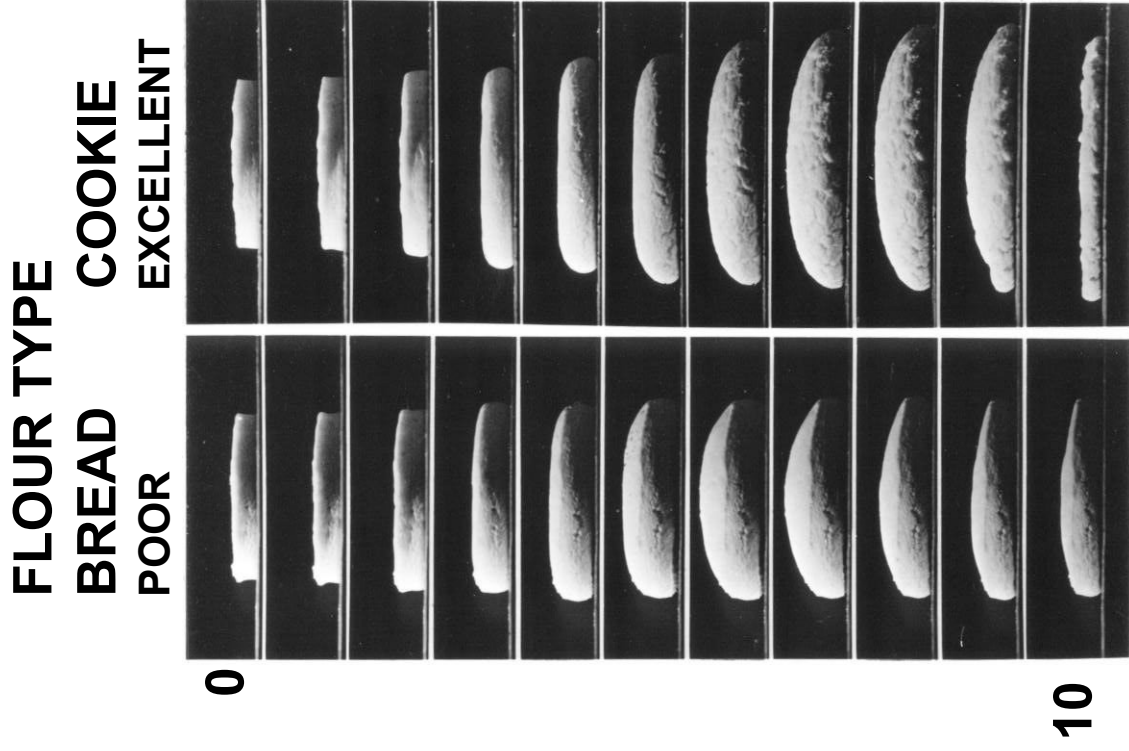
The missions of the Soft Wheat Quality

Laboratory are:

- To evaluate quality of soft wheat breeding lines and cultivars from 17 state and private breeding programs to ensure maintenance and/or improvement of milling and baking quality.
- To conduct research in the physics and chemistry of wheat and flour quality and to develop new or improved methods for measuring and predicting quality.
- Identify the genes of wheat that control wheat quality.

Both missions require close cooperation with breeders and with the milling and baking industries.

Soft Wheat Quality Laboratory



Hard wheat used for bread is very different from the soft wheat used for most other wheat based products and for industrial purposes.

Ohio is the largest producer of soft wheat in the eastern US.

The SWQL is one of the few laboratories in the country conducting research into soft wheat quality and the genes that control that quality

BAKING TIME (min)

USDA ARS Soft Wheat Quality Laboratory

Areas of collaborative research relevant to CIFT

- Starch chemistry in food and industrial uses
- Food formulation research involving flour
- Supply chain management for wheat resources
- Genomics research related to functional foods
 - Resistant starches
 - Anti-oxidants
 - Fiber