

# Unlocking wheat's full potential

## The need for wheat innovation

Wheat is the largest cereal crop in terms of acreage and one of the world's most important staple foods. Despite its global significance wheat has fallen behind other crops in terms of research, investment and innovation. Wheat farmers also face increasing challenges – from market volatility to unpredictable growing seasons, contributing to declining acreage in many countries.

*Our world and the market need innovative and breakthrough tools to help farmers meet global demand in a way that is profitable and sustainable for farm families and their communities.*

## Our commitment to hybrid wheat

BASF has made a significant commitment to hybrid wheat over 10+ years, and we are just getting started. BASF is unlocking the full potential of wheat through a globally-driven, locally-tailored advanced breeding platform. With an extensive global trial network and a dedicated team of hybrid wheat experts, BASF is working to meet the unique needs of farmers, partners and the entire value-chain around the world.

**Primary R&D breeding stations and operations with experts dedicated to wheat breeding:**

Saskatoon,  
Saskatchewan, Canada

Fargo, North Dakota, USA  
Lincoln, Nebraska, USA

Ghent, Belgium

Tsentrain'e, Ukraine  
Gatersleben, Germany

Milly-la-Forêt, France

Horsham, Australia

## The hybrid difference

The use of hybrid technology in plant breeding allows plant breeders to choose traits from two parents to produce an offspring that contains the best characteristics of each parent. At BASF, our wheat breeders are creating hybrids selected from plants that have many qualities growers are seeking – including more consistent, higher yields and disease resistance while meeting end-use quality expectations.

**The first generation of an F1 hybrid tends to:**



Improve growth for  
stronger emergence,  
better stress adaption



More consistent yields  
and quality for  
enhanced profitability

*This is known as 'hybrid vigor'*

To learn more about how BASF is innovating to bring hybrid wheat to market, visit [hybridwheat.basf.com](https://hybridwheat.basf.com)