Reducing Fusarium Head Blight (Scab) on Wheat & Barley

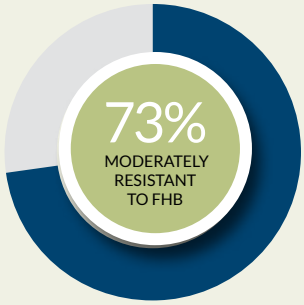
The U.S. Wheat & Barley Scab Initiative's (USWBSI's) stakeholder-driven approach is aimed at identifying and providing research-based solutions to the FHB problem on wheat and barley.

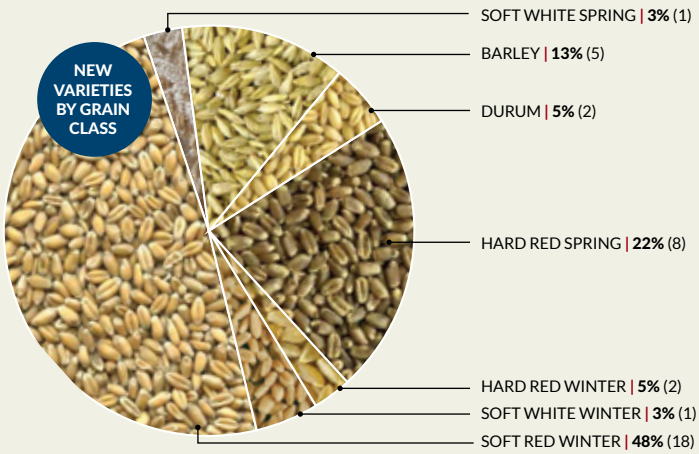
HAVING AN IMPACT…

RESISTANT VARIETIES

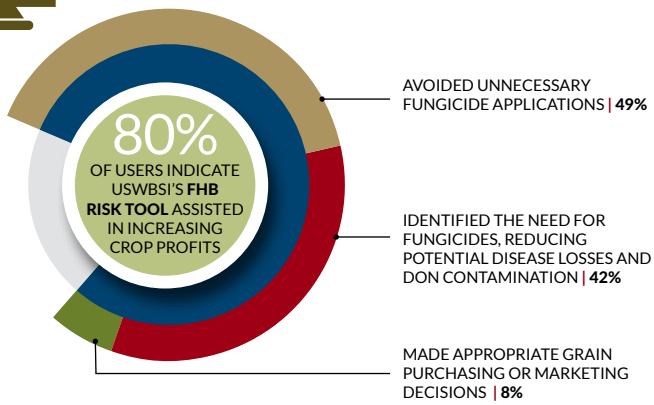
USWBSI funded breeding efforts for FHB resistant wheat and barley cultivars in FY21 resulted in:

37 VARIETIES/ GERMPLASM RELEASED





DISEASE FORECASTING



DISEASE MANAGEMENT

PIs in **20+** states conducted Integrated Management trials to evaluate new fungicide chemistries for growers

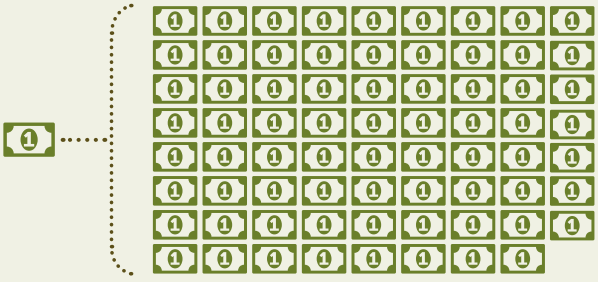
FOOD SAFETY

44,000+

wheat and barley samples, submitted from 31 states, evaluated for mycotoxin detection through USWBSI funded labs

ECONOMIC RETURN

For every **$1** invested in FHB research by the USWBSI, there are **$71** in benefits generated



Making it possible...

Reducing Fusarium Head Blight (Scab) on Wheat & Barley

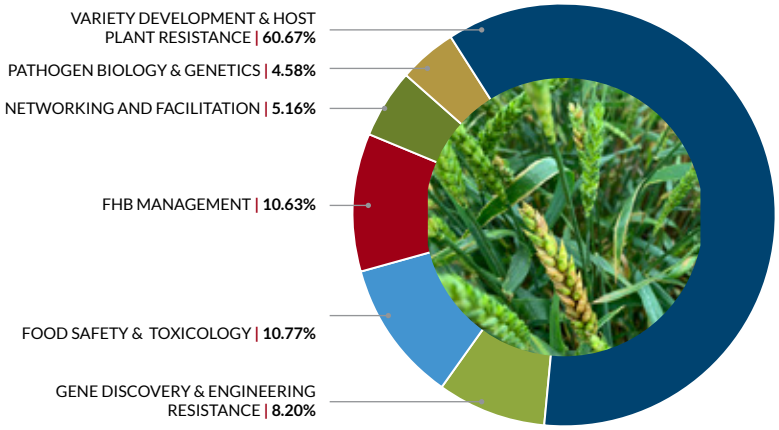
MAKING IT POSSIBLE…

Funding for wheat and barley FHB research is authorized and allocated at $15 million/year through the U.S. Farm Bill.

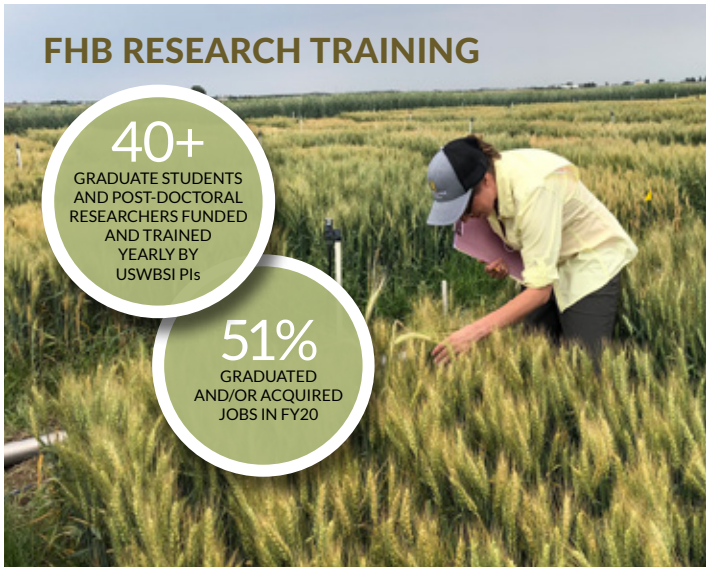
$15 MILLION

- **$8.6** MILLION ALLOCATED TO USWBSI FUNDING (DISTRIBUTED BY USDA-ARS)
- **$6.4** MILLION IS ALLOCATED DIRECTLY TO USDA-ARS BASE FHB RESEARCH

FUNDING BY RESEARCH AREA



FHB RESEARCH TRAINING



FHB RESEARCH PUBLISHED

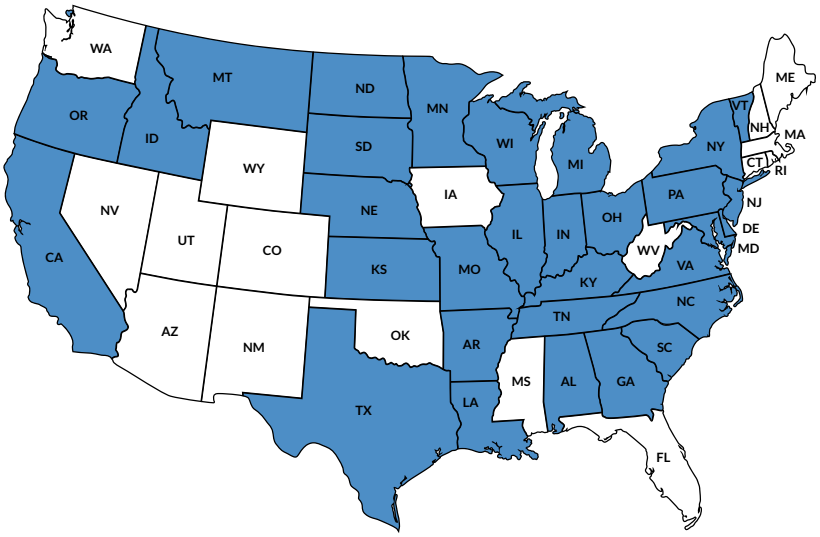
research articles, associated with USWBSI funding, published in FY21 furthers the progress of FHB research in wheat and barley

STATES WITH USWBSI RESEARCH PROJECTS

93 Land-Grant Universities and USDA-ARS PI's funded through competitive grants

31 States

138 Projects in progress



U.S. Wheat & Barley Scab Initiative (USWBSI)

495 Borlaug Hall | 1991 Upper Buford Circle | St. Paul, MN 55108
nfo@scabusa.org | 517.290.5023 | https://scabusa.org

All references use USWBSI FY21–22 data reports and sources, unless otherwise noted.