

# WHEAT ACROSS THE UNITED STATES

ALL WHEAT 2008 HARVESTED ACRES: 55,699,000

## PACIFIC NORTHWEST/FAR WEST REGION

**States** Arizona, California, Idaho, Oregon, Washington

**Acres** 5,479,000 (2010)

**Wheat Classes** Soft White Winter/Spring, Hard White Winter, Hard Red Winter, Hard Red Spring, Hard White Spring, Durum

**Number of Mills** 31

**Challenges** Grain quality, weed management, Hessian fly control, cold tolerance, leaf and stripe rust, crown rot, root diseases, drought stress, nematodes, cadmium uptake

**USDA-ARS Research Labs** Albany, CA; Aberdeen, ID; Corvallis, OR; Pendleton, OR; Pullman, WA including Regional Wheat Quality Lab, and Small Grains Genotyping Lab

**Key Regional Universities** Washington State University, Oregon State University, University of Idaho, University of California-Davis

## GREAT PLAINS REGION

**States** Colorado, Kansas, Nebraska, Oklahoma, Texas, Wyoming, South Dakota

**Acres** 24,211,000 (2010)

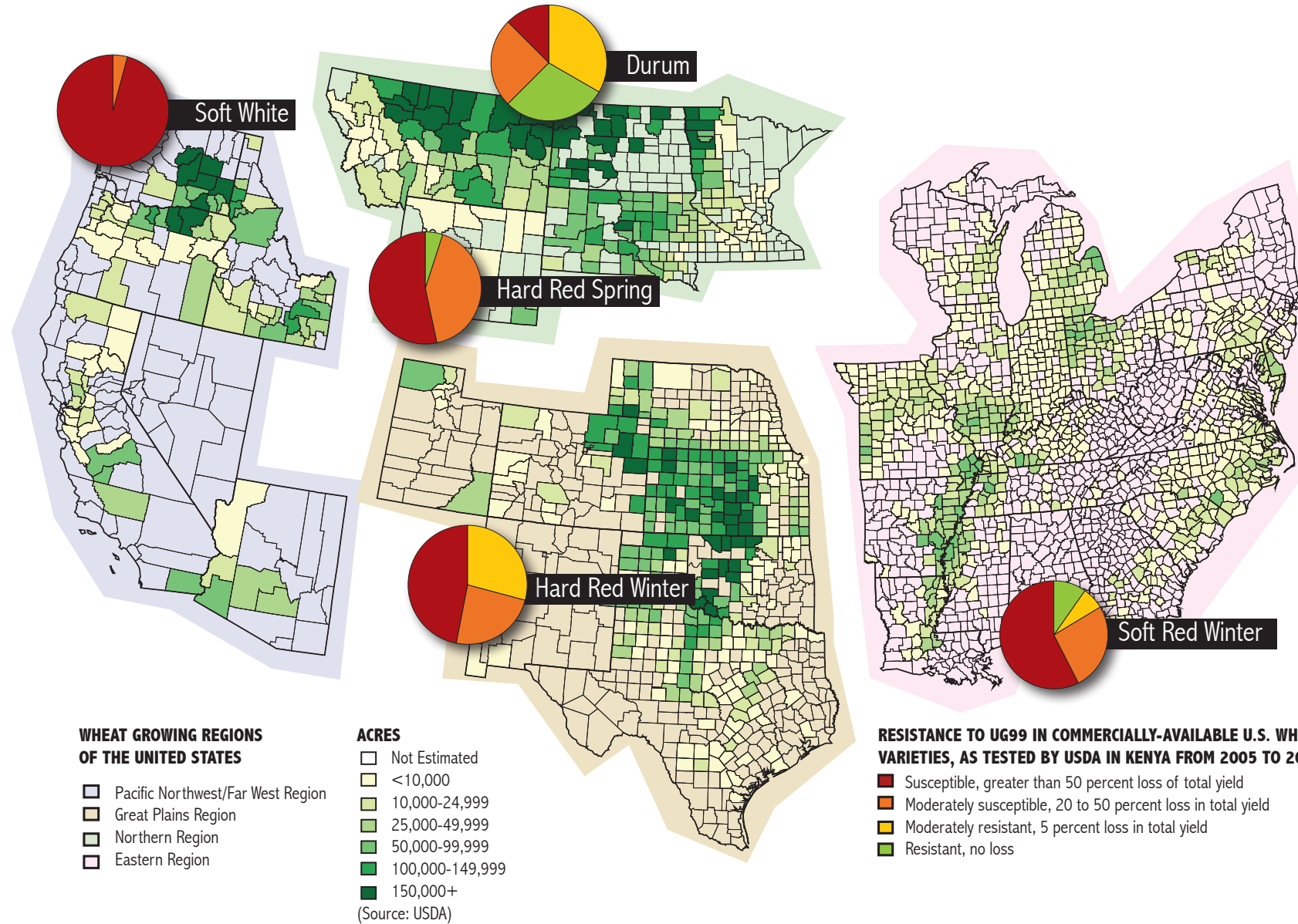
**Wheat Classes** Hard Red Winter, Hard White Winter, Soft Red Winter

**Number of Mills** 36

**Challenges** Grain quality, weed management and wheat cleanliness, Hessian fly and aphid management/control, foliar diseases, root diseases, Fusarium head blight, post-harvest sprout tolerance, drought and heat stress, spring freeze damage

**USDA-ARS Research Labs** Lincoln, NE; Stillwater, OK; Temple, TX; Manhattan, KS, including Regional Hard Winter Wheat Quality Lab and Small Grains Genotyping Lab

**Key Regional Universities** Colorado State University, Kansas State University, University of Nebraska-Lincoln, Oklahoma State University, Texas A&M University, South Dakota State University



## TOP PRODUCTS

**Soft Red Winter:** Cookies, cakes, crackers, and for blending for baguettes and other bread products

**Soft White:** Asian style noodles, cakes, pastries, and cereals

**Hard White:** Whole wheat or high extraction applications, flat breads, Asian style noodles.

**Hard Red Winter:** Bread, hard rolls, flat breads, general purpose flour, and Asian style noodles

**Durum:** Pasta, couscous and some Mediterranean breads

**Hard Red Spring:** Bagels, designer breads; also a blending wheat

## EXPORT DESTINATIONS

**Soft & Hard White:** Japan, Philippines, Korea, Yemen, Indonesia

**Hard Red Winter:** Nigeria, Mexico, Japan, Peru, Morocco

**Hard Red Spring:** Japan, Philippines, Taiwan, Korea, Venezuela

**Durum:** European Union, Algeria, Nigeria, Morocco, Venezuela

**Soft Red Winter:** Mexico, Egypt, Nigeria, Colombia, Brazil

## NORTHERN REGION

**States** Minnesota, Montana, North Dakota, South Dakota, Wyoming

**Acreage** 19,225,000 (2010)

**Wheat Classes** Hard Red Spring, Hard Red Winter, Durum

**Number of Mills** 25

**Challenges** Grain quality, weed management, wheat stem sawfly, stem, leaf and stripe rust diseases, Fusarium head blight, cold and drought tolerance

**USDA-ARS Research Labs** St. Paul, MN – Cereal Disease Lab; Sidney, MT; Fargo, ND – Red River Valley Agricultural Research Center, including Regional Wheat Quality Lab; and Small Grains Genotyping Lab, Brookings, SD

**Key Regional Universities** University of Minnesota, Montana State University, North Dakota State University, South Dakota State University

## EASTERN REGION

**States** Alabama, Arkansas, Delaware, Georgia, Illinois, Indiana, Kentucky, Louisiana, Maryland, Michigan, Mississippi, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia, West Virginia, Wisconsin

**Acreage** 5,390,000 (2010)

**Wheat Classes** Soft Red Winter, Soft White Winter

**Number of Mills** 98

**Challenges** Grain quality, Fusarium head blight, Hessian fly and insect resistance, leaf rust, stripe rust, powdery mildew, septoria diseases, competition for acres

**USDA-ARS Research Labs** Raleigh, NC, including Regional Small Grains Genotyping Lab; Wooster, OH, including Beltsville, MD; Ithaca, NY; Madison, WI; West Lafayette, IN; Peoria, IL; Columbia, MO; Auburn, AL; Gainesville, FL; Athens, GA; and Regional Soft Wheat Quality Lab

**Key Regional Universities** University of Arkansas, University of Georgia, University of Illinois, University of Kentucky, Louisiana State University, University of Maryland, Michigan State, University of Missouri, North Carolina State University, Ohio State University, Purdue University, Virginia Tech, University of Wisconsin