SAMPLING AND COLLECTION METHODS

U.S. WHEAT ASSOCIATES
Dependable People. Reliable Wheat.
Sampling and Collection Methods

**Collection Organizations**
- Plains Grains Inc.
- Wheat Marketing Center
- State wheat commissions
- State departments of agriculture

**Testing Agencies**
- USDA-ARS Hard Winter Wheat Quality Lab
- Federal Grain Inspection Service
- Great Plains Analytical Laboratories

**Sampling and Collection**

**U.S. Northern Plains**
**Location:** 100% Elevator
Collection occurs when harvest is 30% complete in the grainshed. Follow-up sampling is done if a major weather event occurs that impacts quality.

**U.S. Pacific Northwest**
**Location:** 100% Elevator
Collection begins the third week of July.

Data shown in the USW Crop Quality Report is based on composite sample averages. The overall average values are weighted by export tributary. Individual samples are used to create the distributions shown in the USW Crop Quality Report.
CALIFORNIA HRW
SAMPLING AND COLLECTION METHODS

COLLECTION ORGANIZATIONS
- California Wheat Commission Laboratory

TESTING AGENCIES
- Federal Grain Inspection Service
- California Wheat Commission Laboratory

SAMPLING AND COLLECTION
CALIFORNIA
LOCATION: 100% ELEVATOR

Collection begins and ends when harvest does.

All samples are tested.

150
AVERAGE NUMBER OF SAMPLES

2,300-2,700 grams
SAMPLE SIZE

Data shown in the USW Crop Quality Report is based on composite sample averages.
HARD RED SPRING
SAMPLING AND COLLECTION METHODS

COLLECTION ORGANIZATIONS

• USDA National Agricultural Statistics Service
• Wheat Marketing Center
• State wheat commissions

TESTING AGENCIES

• North Dakota State University Hard Red Spring Wheat Quality Lab
• Federal Grain Inspection Service

SAMPLING AND COLLECTION

U.S. NORTHERN PLAINS
LOCATION: 30% ELEVATOR; 70% FARM

Collection occurs when harvest is 15% complete in each county. Collection ends the last week of September in order to meet publication deadlines.

U.S. PACIFIC NORTHWEST
LOCATION: 100% ELEVATOR

Collection begins the third week of July.

Data shown in the USW Crop Quality Report is based on composite sample averages. The overall average values are weighted by export tributary. Individual samples are used to create the distributions shown in the USW Crop Quality Report.
HARD WHITE
SAMPLING AND COLLECTION METHODS

COLLECTION ORGANIZATIONS

• Plains Grains Inc.
• Wheat Marketing Center
• California Wheat Commission Laboratory
• State wheat commissions
• Private and state grain grading labs

TESTING AGENCIES

• Federal Grain Inspection Service
• Wheat Marketing Center

SAMPLING AND COLLECTION

U.S. SOUTHERN PLAINS
LOCATION: 100% ELEVATOR
Collection occurs when harvest is 30% complete in the grainshed. Follow-up sampling is done if a major weather event occurs that impacts quality.

U.S. PACIFIC NORTHWEST
LOCATION: 100% ELEVATOR
Collection begins the third week of July.

CALIFORNIA
LOCATION: 100% ELEVATOR
Collection begins and ends when harvest does.

Data shown in the USW Crop Quality Report is based on composite sample averages.
SOFT WHITE

SAMPLING AND COLLECTION METHODS

COLLECTION ORGANIZATIONS

• Wheat Marketing Center
• State wheat commissions
• Private and state grain grading organizations

TESTING AGENCIES

• Wheat Marketing Center
• Federal Grain Inspection Service

SAMPLING AND COLLECTION

U.S. PACIFIC NORTHWEST
LOCATION: 100% ELEVATOR

Collection begins the third week of July.

3
Average number of composites, which are based on geographic area collected.

500
AVERAGE NUMBER OF SAMPLES

600-1,500 grams
SAMPLE SIZE

Data shown in the USW Crop Quality Report is based on composite sample averages. The overall average values are weighted by the number of samples received from each region. Sampling in the PNW is generally correlated to regional production. Individual samples are used to create the distributions shown in the USW Crop Quality Report.
SOFT RED WINTER

SAMPLING AND COLLECTION METHODS

COLLECTION ORGANIZATIONS

• Great Plains Analytical Laboratories

TESTING AGENCIES

• Great Plains Analytical Laboratories

SAMPLING AND COLLECTION

U.S. GULF
LOCATION: 100% ELEVATOR

Collection begins in early June and concludes after all locations have been sampled. Follow-up sampling is done if a major weather event occurs that impacts quality.

U.S. EAST COAST
LOCATION: 100% ELEVATOR

Collection begins in early June and concludes after all locations have been sampled. Follow-up sampling is done if a major weather event occurs that impacts quality.

Data shown in the USW Crop Quality Report is based on composite sample averages. The overall average values are based on composite results weighted by production of the states surveyed. Individual samples are used to create the distributions shown in the USW Crop Quality Report.
U.S. NORTHERN PLAINS
LOCATION: 30% ELEVATOR; 70% FARM

Collection begins when harvest is 10% complete in each county. Collection ends by October 4 in order to meet publication deadline.

COLLECTION ORGANIZATIONS
- USDA National Agricultural Statistics Service
- State wheat commissions

TESTING AGENCIES
- North Dakota State University Durum Wheat/Pasta Quality Lab

SAMPLING AND COLLECTION

U.S. NORTHERN PLAINS
LOCATION: 30% ELEVATOR; 70% FARM

Average number of composites, which are based on geographic area collected.

6

AVERAGE NUMBER OF SAMPLES

Data shown in the USW Crop Quality Report is based on composite sample averages. The overall average values are weighted by export tributary. Individual samples are used to create the distributions shown in the USW Crop Quality Report.
Data shown in the USW Crop Quality Report is based on the individual samples from California and Arizona weighted by production.