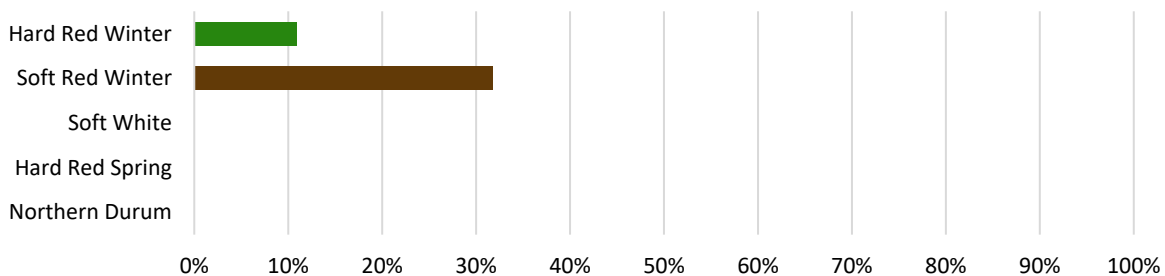




WEEKLY HARVEST REPORT – June 23, 2023

Record breaking high temperatures were set in Texas last week, accelerating harvest and crop maturity; the first 28 HRW samples from Texas and Oklahoma have arrived at the lab for testing. The SRW harvest is 32% complete and preliminary data is included in this week’s report. Portions of the HRS region could use some precipitation, which is reflected in USDA crop condition ratings. The PNW SW crop would also benefit from rain. The northern durum crop is 98% emerged and is in good condition so far.

Estimated Percent of Sample Crop Harvested to Date
(data: NASS Weekly Crop Progress Reports and industry sources)



HARD RED WINTER

- **Crop Progress:** HRW harvest is moving quickly through Texas (62% complete) and Oklahoma (45% complete) with hot, dry weather. Kansas is 13% harvested as sporadic rains slowed progress. In the Central Plains, combines are expected to roll in southern Nebraska in 3-5 days and 2-4 weeks in Colorado. Producers are expecting an early to on-time harvest in the northern growing region.
- **Crop Conditions:** There have been slight decreases in PNW-tributary HRW crop ratings due to weather stresses. Overall, HRW crop conditions are holding steady with 36% rated good to excellent. In Colorado, recent cool, wet weather has been beneficial for grain fill and yield potential.
- **Disease/Pest Pressure:** Isolated reports of weed, disease and pest pressures have been noted throughout the growing region. Disease pressure remains low in the drier areas.
- **Wheat Data:** The first 28 samples are from Texas and Oklahoma. Very early data indicate a similar test weight to last year while falling number and protein are higher. Kernels from these early samples are slightly larger in weight and diameter over last year.
- **Weather:** Harvest in the Southern Plains and crop development in the Central Plains should speed up as the weather turns warmer and drier next week. Temperatures in the Northern Plains will remain cooler.

WHEAT DATA									GRADE FACTORS						
	Samples		Moisture %	Protein %	Dry Basis Protein %	Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %
	Tested	Expected								lb/bu	kg/hl				
2022 Final	524	520	10.2	13.0	14.8	0.5	31.4	361	1 HRW	61.0	80.2	0.1	0.5	1.1	1.8
5-year Avg	488	504	11.1	11.6	13.2	0.5	31.3	370	1 HRW	60.9	80.0	0.2	0.6	0.9	1.4

Note: HRW averages in the weekly harvest report are not weighted for production. Results shown represent tested samples collected to date. Data and commentary are on sampled states only: CO, ID, KS, MT, NE, OK, OR, SD, TX, WA, WY.

Data Source: Plains Grains, Inc.

SOFT RED WINTER

- **Crop Progress:** The 2023 SRW harvest continues to progress with 32% of the crop now harvested. Combines are rolling in nine of eleven sampled states with Alabama, Arkansas, North Carolina and Tennessee more than 50% complete. Test cutting is getting started in Maryland. Sample collection is nearly complete in North Carolina and Virginia, as well as Tennessee and Kentucky in the Midwest. We have completed sample collection in Arkansas and Alabama.
- **Crop Conditions:** USDA crop condition ratings are holding steady with 71% of the SRW crop rated in good to excellent condition.
- **Wheat Data:** The first 43 samples are from Arkansas, North Carolina and Virginia. Very early data indicate a slightly lower test weight compared to last year, with an average protein of 9.4%, 1000 kernel weight of 35.3 g and falling number value of 309 sec. Samples from Alabama, Kentucky and Tennessee are expected next week.
- **Weather:** Wet fields are keeping farmers out of fields in Maryland though warmer, drier weather is forecast. For the rest of the growing region, temperatures and precipitation have been slightly below average except in Ohio where rain events were above average.

WHEAT DATA									GRADE FACTORS						
	Samples		Moisture %	Protein 12% mb	Dry Basis Protein %	Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %
	Tested	Expected								lb/bu	kg/hl				
This Week	40	300	13.2	9.4	10.7	0.7	35.3	309	1 SRW	60.3	79.3	0.2	0.4	0.4	0.9
2022 Final	229	300	12.4	9.6	10.9	0.4	32.9	327	1 SRW	60.1	79.1	0.1	0.2	0.6	0.9
5-year Avg	242	300	13.3	9.5	10.8	0.3	32.7	309	2 SRW	58.9	77.5	0.1	0.5	0.6	1.2

Note: SRW averages in the weekly harvest report are simple averages of all samples tested and have not been weighted by the estimated production for each of the 18 reporting areas. Data and commentary are on sampled states only: AL, AK, IL, IN, KY, MD, MO, NC, OH, TN, VA.

Data Source: Great Plains Analytical Laboratory

SOFT WHITE

- **Crop Progress:** The SW winter wheat crop is nearly 90% headed while the spring wheat crop is 41%. By state: 90% of Oregon's crop is headed, 65% in Washington and 41% in Idaho. The recent hot weather accelerated crop development; overall, crop progress is similar to or ahead of the 5-year average. Wheat fields are starting to turn color in Washington with producers expecting an on-time harvest.
- **Crop Conditions:** The PNW soft white crop rating is 45% good to excellent, up slightly from last week. Recent cooler weather has provided relief to the crop and beneficial to kernel development in later planted fields.
- **Disease/Pest Pressure:** Soil-borne wheat mosaic virus was reported in northern Idaho. In Oregon, isolated reports of stripe rust and cereal leaf beetle.
- **Weather:** Unseasonable cool weather benefited crop development this past week. The weather is turning warmer, which is expected to push the crop closer to harvest.

WHEAT DATA									GRADE FACTORS						
	Samples		Moisture %	Protein %	Dry Basis Protein %	Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %
	Tested	Expected								lb/bu	kg/hl				
2022 Final	404	390	8.9	9.5	10.8	0.5	34.8	340	1 SW	61.0	80.2	0.1	0.1	0.5	0.6
5-year Avg	416	390	9.1	10.0	11.3	0.5	34.6	327	1 SW	61.1	80.3	0.0	0.0	0.6	0.7

Note: SW averages in the weekly harvest report are weighted for production. Results shown represent tested samples collected to date. Data and commentary are on sampled states only: ID, OR, WA.

Data Source: Wheat Marketing Center

HARD RED SPRING

- **Crop Progress:** Nationally, 10% of the HRS crop has headed, same as the five-year average. By state, South Dakota is 50% headed, North Dakota is 7%, Minnesota is 4% and Montana is 2%.
- **Crop Conditions:** Spring wheat crop condition ratings have decreased with 49% rated in good to excellent condition compared to last week's 59% due to continued dry conditions stressing the crop and reducing yield potential.
- **Disease/Pest Pressure:** There are isolated reports of foliar diseases, and grasshoppers in drier areas.
- **Weather:** Late spring weather has been unseasonably warm with below normal precipitation. Widespread chances for rain are forecast and temperatures are expected to normalize. Producers remain optimistic and are hopeful for timely rains.

WHEAT DATA									GRADE FACTORS							
	Samples		Moisture %	Protein %	Dry Basis Protein %	Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	DHV %
	Tested	Expected								lb/bu	kg/hl					
2022 Final	423	451	11.6	14.3	16.2	0.6	30.4	386	1 NS	62.1	81.6	0.0	0.2	1.0	1.2	74
5-year Avg	463	452	12.0	14.6	16.6	0.5	30.7	375	1 NS	61.5	80.9	0.0	0.3	0.9	1.2	73

Note: HRS averages in the weekly harvest report are not weighted for production. Results shown represent tested samples collected to date. Data and commentary are on sampled states only: MN, MT, ND, SD.

Data source: North Dakota State University, Hard Red Spring Wheat Quality Laboratory

NORTHERN DURUM

- **Crop Progress:** The North Dakota crop is 98% emerged, well ahead of last year's and the 5-year averages. Montana is 94% emerged, similar to last year and ahead of the 5-year average.
- **Crop Conditions:** USDA crop condition ratings have decreased slightly due to moderate dryness: the North Dakota crop is rated 76% good to excellent while in Montana, 60% of the crop is fair and 28% good.
- **Weather:** Much of the durum region benefited from early season rains and milder temperatures, but producers are hoping for precipitation to aid in crop development.

WHEAT DATA									GRADE FACTORS							
	Samples		Moisture %	Protein %	Dry Basis Protein %	Dockage %	TKW gm	FN sec	Grade	Test Weight		FM %	Damage %	S&B %	Defects %	HVAC %
	Tested	Expected								lb/bu	kg/hl					
2022 Final	121	122	11.0	13.7	15.6	1.1	40.4	433	1 HAD	61.8	80.4	0.0	0.1	1.0	1.1	11.0
5-year Avg	113	122	11.3	14.4	16.3	0.9	42.3	399	1 HAD	61.1	79.5	0.0	0.7	0.9	1.6	11.3

Note: Northern durum averages in the weekly harvest report are not weighted for production. Results shown represent tested samples collected to date. Data and commentary are on sampled states only: ND, MT.

Data source: North Dakota State University, Durum Wheat Quality Laboratory