



PLAINS GRAINS INC.



HRW Harvest Update

September 05, 2024

State Updates

OH – Changed quite a bit. Experiencing a drought, have not had one since 2012. Corn/bean market impacting planting decisions. Southern OH seeing worse, expecting early harvest for corn/soy – expecting farmers to plant wheat earlier. (Typically planting to start in October).

OK – Abnormally dry. Numbers moving towards exceptional drought. Mostly in moderate-severe, SW OK in extreme drought conditions. Concerns going into planting. Returning to a new weather environment. USDA 2.7 mln bushels harvested. Est. 4.5 million acres planted.

CO – Decent rains past month, but variable. D1 drought (mostly SE CO). Prepping for planting.

ND – NASS 2/3rds harvested for spring wheat. Stretch of drier weather, temps 80s/90s. Some smoke cover/high humidity in the morning. Some wet pockets in spring. FN issue after heavy mid-August rains seems to slowing down – mature crop took the brunt. Expecting lower vitreous, lost some color, pockets of lighter TW. Still in line with USDA yield prediction. Durum 50+% harvested. Good quality, some thinner kernels/possible lighter TW, but yields expecting to be above avg.

MT – winter 95% harvested, strong TW – 62%. Good yields, around 51 bu/ac. Proteins highly variable, but seeing mid-11s. Seeding just started, dry across the state. Spring 80% harvested, US #2 harvest (TW). 80% + DHV, 350 + FN, yielding in low 30s. Only milling quality issue lower TW/overall crop yields. Durum 95% harvested, est. 57 TW avg., 350+ FN, mid-20s yields (went backwards June/July).

NE – Planting coming along, seed sales not as strong. Dry across state. Might see a delay in planting. Moisture needed. Coming to end of sample collection/testing. 37% of gulf crop in

12-13% protein range, decent crop interested to see rest of weighted testing.

WA – Winter avg to above avg, no quality concerns. Spring wheat, more stressed/dry conditions, 30% below avg. yields (smaller percent of production, generally only 15%). Average proteins about 1% lower than avg. 9.2 – 9.3%. Significant storage issues. Planting underway, dry.

OR – Good yields and good carryover from 2023. Nearing harvest completion, upper elevations still wrapping up. Turning to planting – fairly dry/warm, but no major concerns.

USDA/ARS – Wrapped up collection last week. More samples than last year. Processed 502 samples out of Plains (HRW). Made 89 composites, saw more low protein composites this year. Should wrap up milling plains and PNW next week. Flour protein at 11%, slightly below 2023, comparable to 2021 crop. Starch damage 6.3%, farinograph color improved, absorptions consistent, better water absorption with the lower protein than last year. Development time and stability also increased. Extensograph/alveo, more extensible, little weaker overall dough strength. Slightly shorter mix time than 2023, but similar tolerance. Lower loaf volume crop, 855 is avg. (part is lower protein samples in mix). Better relationship to protein content compared to last year, but slightly below expectations.

Wheat Data and Grade Factors

# of Samples	Avg. Moisture %	Avg. Protein %	Avg. Dockage %	Avg. TKW(g)	Avg. Falling # (sec)
502	11.2%	12.0%	0.6%	29.5 g	361.3 sec

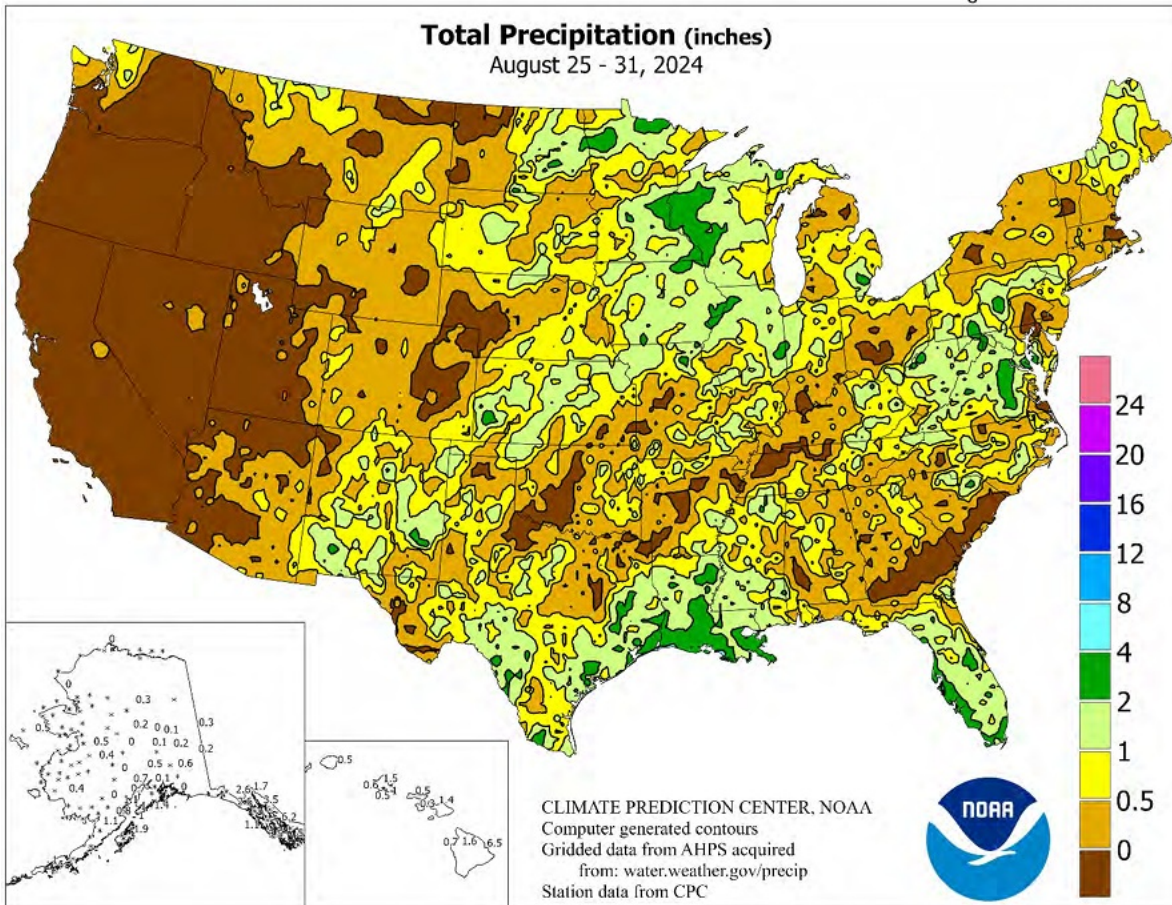
Grade	Avg. Test Weight (lb/bu)	Avg. Test Weight (kg/hl)	Avg. Foreign Material %	Avg. Damage %	Avg. Shrunken & Broken Kernels %	Avg. Defects %
1 HRW	61.1 bu/lb	80.4 kg/hl	0.1%	0.2%	0.8%	1.0%

These are straight averages of the data. Not all samples have been through all the tests at this time. This is preliminary data from the samples that have completed these tests at the time of publication and the data will continually change until all samples have been collected and analyzed.

Milling Data		Baking Characteristics	
Composite Samples	81	Composite Samples	81
Extraction %	74.9	Mix Time (min)	3.62
Flour/Dough		Bake Absorption (14%mb)	61.7
Composite Samples	81	Loaf Volume (cc)	854.8
Protein (14%mb)	11.0	Crumb Grain (1-10)	5.6
Ash (14%mb)	0.54	Crumb Texture (1-10)	5.5

The following data is straight averages based on a limited number of composite samples from Texas and Oklahoma. Not all samples have had all the testing completed. This data will continuously change as more composite samples complete the testing process.

Weather Outlook



South Dakota Wheat Outlook



South Dakota Wheat Outlook

★ Wheat Progress

Revised September 04, 2024

	Winter Wheat		Spring Wheat	
	Planted %	Emerged %	Headed %	Harvested %
2024	5	-	-	93
Last year	6	-	-	95
5-year avg	2	-	-	93

2023-24 Winter Wheat Conditions

	Very Poor %	Poor %	Fair %	Good %	Excellent %
June 24:	0	4	23	56	17
July 02:	1	4	19	57	19
July 09:	1	5	27	56	11
July 15:	1	5	29	57	8
July 22:	0	5	30	55	10
July 29:	0	4	22	56	18

2024 Spring Wheat Conditions

	Very Poor %	Poor %	Fair %	Good %	Excellent %
July 09:	0	2	23	69	6
July 15:	1	4	29	59	7
July 22:	1	7	29	54	9
July 29:	1	4	25	65	5
Aug 05:	0	4	21	68	7
Aug 12:	0	2	18	77	3

★ Soil Moisture

As of September 03, 2024

	Very Short %	Short %	Adequate %	Surplus %
Topsoil	7	32	58	3
Subsoil	7	24	66	3

World Agricultural Supply and Demand Estimates

As of August 12, 2024

- The 2024/25 U.S. wheat is for lower supplies, slightly higher domestic use, unchanged exports, and smaller ending stocks.
- The 2024/25 global wheat outlook is for increased supplies, consumption, trade, and slightly lower ending stocks.
- World ending stocks for 2024/25 are reduced 0.5 million tons to 256.6 million tons and would be the lowest since 2015/16. Global consumption is raised 4.1 million tons to a record 804.0 million tons.

South Dakota Wheat Stocks

As of June 28, 2024

- Total stocks: 19.7 million bushels (-8% from 2023)
- On-farm stocks: 6.8 million bushels (-20% from 2023)
- Off-farm stocks: 12.9 million bushels (+0% from 2023)

2024 South Dakota Winter Wheat

As of August 12, 2024

- 860,000 acres est. planted (-5% from 2023)
- 770,000 acres projected harvested (+10% from 2023)
- 90% of planted acres projected harvested (+14% from 2023)
- 47.7 million bushels projected (+45% from 2023)
- 62 bushels per acre projected (+15 from 2023)

2023 South Dakota Winter Wheat

As of September 29, 2023

- 920,000 acres est. planted (+11% from 2022)
- 700,000 acres projected harvested (-4% from 2022)
- 76% of planted acres projected harvested (-12% from 2022)
- 32.9 million bushels projected (-13% from 2022)
- 47 bushels per acre projected (-5 from 2022)

2024 South Dakota Spring Wheat

As of August 12, 2024

- 680,000 acres est. planted (-8% from 2023)
- 630,000 acres projected harvested (-3% from 2023)
- 93% of planted acres est. harvested (+58% from 2023)
- 31.5 million bushels projected (+13% from 2023)
- 50 bushels per acre projected (+7 from 2023)

2023 South Dakota Spring Wheat

As of September 29, 2023

- 740,000 acres est. planted (-1% from 2022)
- 650,000 acres est. harvested (-8% from 2022)
- 87.8% of planted acres est. harvested (-8.1% from 2022)
- 28.0 million bushels projected (-18% from 2022)
- 43 bushels per acre projected (-5 from 2022)

Source: USDA NASS www.nass.usda.gov

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★ Identifies data changed since last report

Things to Know

2024 HRW State Variety Trials

Check out the variety trials from the HRW states for 2024!

[Texas](#)

[South Dakota](#)

[Oklahoma](#)

[North Dakota](#)

[Kansas](#)

[Montana](#)

[Colorado](#)

[Idaho](#)

[Nebraska](#)

[Oregon](#)

[Wyoming](#)

[Washington](#)

2024 State Seed Guides & Preferred Variety Lists

Check out the HRW state seed guides and preferred variety lists!

[Seed Guides](#)

[Preferred Varieties](#)

[Washington](#)

[Oregon, Idaho & Washington](#)

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