Harvest Summary of HRW June 26, 2020
By Mark Hodges, Executive Director, Plains Grains, Inc.

State	Percent Complete:
o Texas	91%
o Oklahoma	98%
o Kansas	45%
o Colorado	12%
o Nebraska	0%
o South Dakota	0%
o Montana	0%
o Washington	0%
o Oregon	0%
o Idaho	0%
o Wyoming	0%

Rain across central Kansas and parts of Oklahoma and Texas slowed harvest of the 2020 HRW wheat crop this week. However, the return of dry sunny weather has allowed good harvest progress over the last few days. Kansas is now 45% complete with harvest in virtually all southern half of the state. Yields, while variable, have been generally good and in many cases above what was expected. Protein continues variable as well, mostly ranging from 10% to 12%. Early high temperatures, hot dry wind and a lack of moisture in the soil profile have been factors influencing the crop in west central Kansas extending into northwest Kansas, eastern Colorado and southern and western Nebraska. These areas were and are a concern for wheat producers as they approached the final stages of crop development. Test weight of wheat currently being cut in southeastern Colorado is reported to be 56 lb/bu -57 lb/bu (73.8 kg/hl - 75.1 kg/hl) and averaging 13% protein. Oklahoma (98% complete) and Texas (91% complete) both are now in the final stages of harvest with mainly irrigated fields left to cut.

The USDA ARS Wheat Quality Lab in Manhattan, Kansas now has 97 samples (95 from Texas and Oklahoma and 2 from Kansas) in various stages of testing. The table below indicates a significant drop in grain moisture from 11.1% last week to 10.7% this week as harvest moved west. Protein increased by one-tenth of a percent this week to 11.2% while thousand kernel weight (TKW) decreased by one-tenth of a gram to 32.0 grams. Overall test weight increased this week to 62.8 lb/bu (82.6 kg/hl), up from 62.7 lb/bu (82.4 kg/hl) last week. Shrunken and broken kernels increased slightly this week (up from 0.7% last week to 0.8%). Very early sedimentation volume and mixograph testing indicate a crop similar to last years at this point with better than expected performance. Much like last year, lower than expected protein, but it does appear to be particularly good quality protein at this point.

June 26, 2020

Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight		FM	DMG	S&B	DEF
92	500	10.7	11.2	0.5	32.0	-	1HRW	62.8	82.6	0.3	0.2	0.8	1.3

June 19, 2020

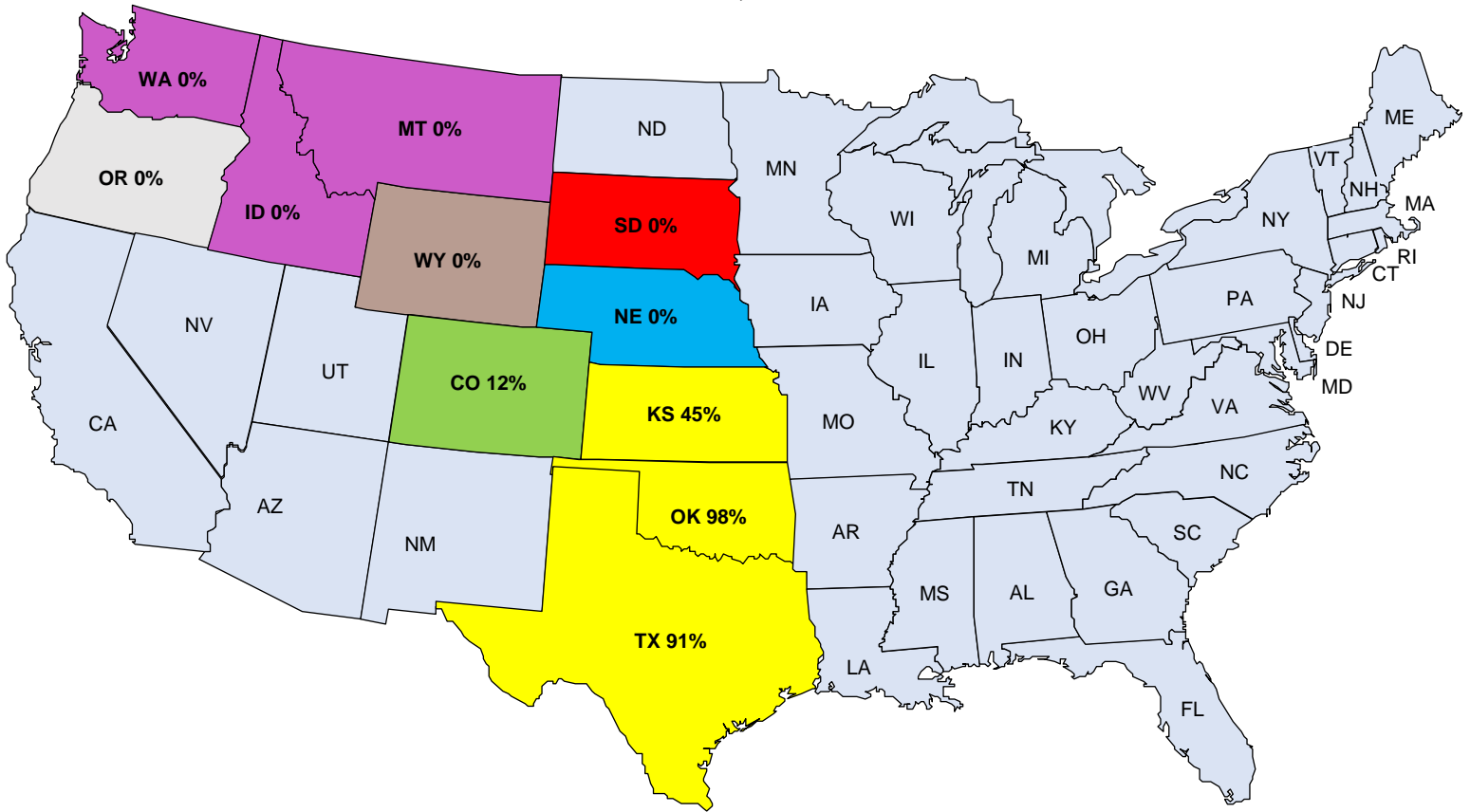| Tst	Exp	MST	Pro %	DKG	TKW	FN	Grade	Test Weight		FM	DMG	S&B	DEF
42	500	11.6	11.1	0.5	33.0	-	1HRW	62.7	82.4	0.3	0.2	0.7	1.2

2019 Final

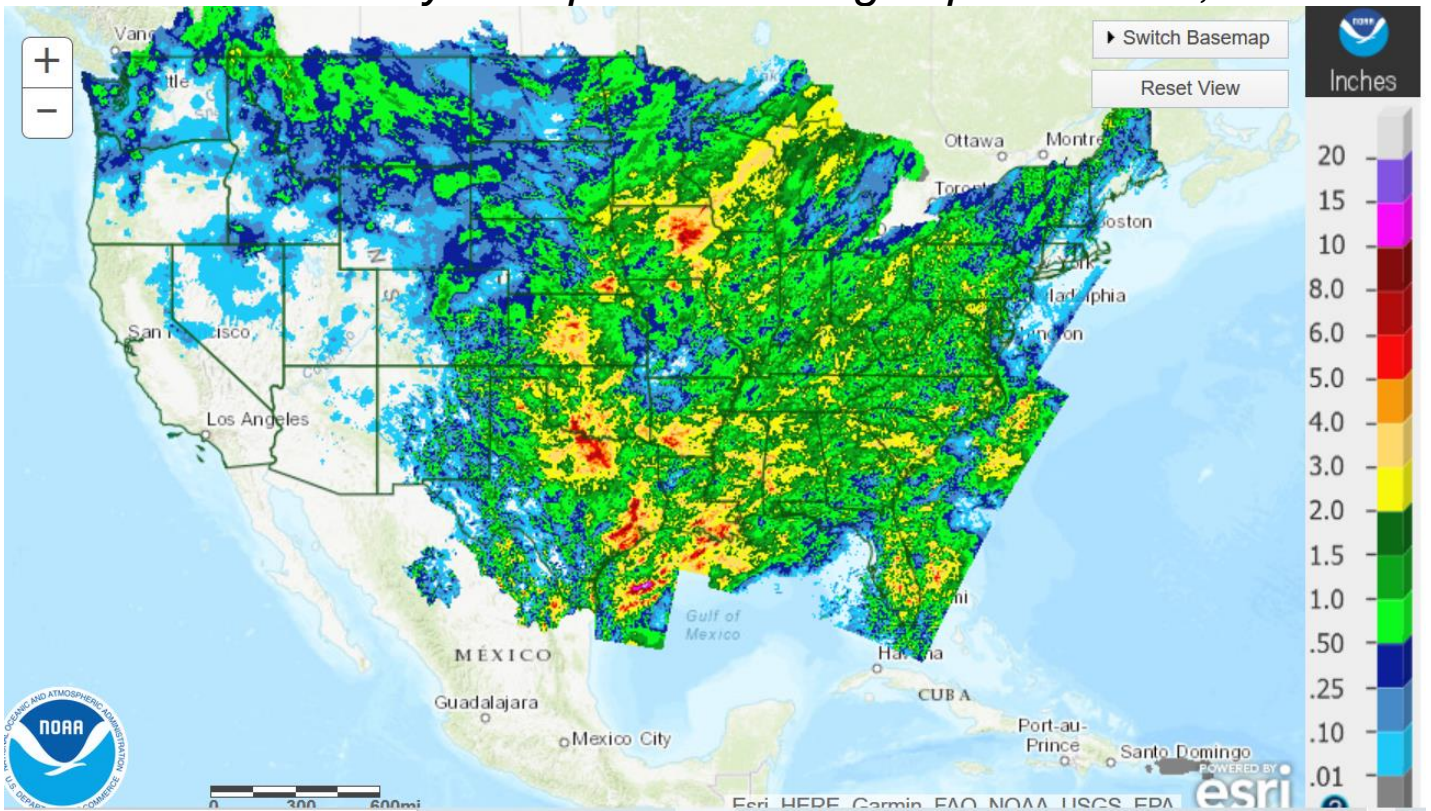| Tst	Exp	MST	Pro %	DKG	TKW	FN	Grad	Test Weight		FM	DMG	S&B	DEF
494	Final	11.3	11.3	0.5	33.1	377	1HRW	60.8	80.0	0.1	0.3	0.8	1.2

Percent HRW Harvested by State
June 26, 2019

WA 0%
MT 0%
OR 0%
ID 0%
WY 0%
ND
MN
SD 0%
NE 0%
NV
UT
CO 12%
CA
AZ
NM
KS 45%
OK 98%
TX 91%
MO
AR
LA
WI
IA
IL
IN
OH
KY
TN
MS
AL
GA
FL
MI
WV
VA
NC
SC
PA
NY
ME
VT
NH
MA
RI
CT
NJ
DE
MD

Previous 7-Day Precipitation ending 12pm June 25, 2020

Switch Basemap
Reset View
Inches

20
15
10
8.0
6.0
5.0
4.0
3.0
2.0
1.5
1.0
.50
.25
.10
.01

US Drought Monitor
Map released: June 25, 2020
Data valid: June 23, 2020

Intensity and Impacts

None	▮ D3 (Extreme Drought)	⁓ - Delineates dominant impacts
▮ D0 (Abnormally Dry)	▮ D4 (Exceptional Drought)	S - Short-Term impacts, typically less than 6 months (e.g. agriculture, grasslands)
▮ D1 (Moderate Drought)	▮ No Data	
▮ D2 (Severe Drought)		L - Long-Term impacts, typically greater than 6 months (e.g. hydrology, ecology)

Alaska

Aleutian Islands

Hawaii

Mariana Islands

Marshall Islands

Palau

Micronesia

American Samoa

Puerto Rico

U.S. Virgin Islands