Table 1. Wheat protein content (12% moisture basis) of varieties and experimental lines tested in the 2017-2018 Oklahoma Wheat Variety Performance Tests.

Licensee	Variety	*Afton*	*Altus*	*Alva*	*Apache*	*Apache Fungicide*	*Balko*	*Buffalo*	*Cherokee*	*Chickasha*	*Chickasha IWM*	*Irrigated Goodwell*	*Homestead*
		---------- %wheat protein ----------											
AGSECO	AG Gallant	-	-	-	-	-	-	-	-	12.2	11.9	14.5	-
AGSECO	AG Icon	-	14.1	-	15.3	15.4	-	-	-	14.1	13.8	14.8	-
AgriMAXX	AM Eastwood	-	14.8	-	-	-	-	-	-	12.9	12.9	14.7	-
OGI	Bentley	11.8	13.1	14.5	14.2	15.0	13.9	13.1	14.5	12.6	12.7	14.3	17.4
AgriPro	Bob Dole	-	13.7	13.9	-	-	-	-	12.8	13.3	13.2	14.4	15.5
CROPLAN	CP78-26	-	14.4	-	-	-	-	-	-	14.4	14.4	15.1	-
OGI	Doublestop CL Plus	13.5	14.7	15.8	16.2	16.5	16.2	15.4	13.1	14.4	14.6	16.4	17.1
OGI	Duster	12.0	13.5	13.8	13.8	14.2	14.6	-	14.5	12.8	13.0	14.0	15.0
KWA	Everest	12.5	-	-	-	-	-	-	-	-	-	-	-
OGI	Gallagher	-	14.4	15.9	14.1	14.3	14.3	14.0	14.0	13.0	12.9	14.1	16.6
OGI	Iba	-	12.7	15.0	13.0	13.5	13.5	12.7	13.7	12.1	12.2	13.4	14.5
KWA	Joe	10.9	13.3	13.3	13.2	13.5	13.3	12.2	13.3	12.5	12.4	13.4	14.3
PlainsGold	Langin	-	13.4	15.5	-	-	14.7	13.4	12.9	12.3	12.6	13.8	-
KWA	Larry	-	13.6	14.5	-	-	14.0	13.1	12.7	12.3	12.8	14.3	15.6
LCS	LCS Avenger	-	14.7	-	-	-	-	-	-	13.6	13.8	13.4	-
LCS	LCS Chrome	13.3	14.7	15.1	15.1	15.3	15.1	14.1	13.4	14.4	14.6	15.1	17.5
LCS	LCS Mint	11.8	14.7	14.0	13.6	14.5	13.9	-	14.5	12.5	12.9	13.9	16.1
LCS	LCS Pistol	12.9	14.1	15.2	14.1	14.3	14.6	-	14.1	13.4	13.3	14.0	17.2
OGI	Lonerider	13.2	13.6	14.9	14.6	14.7	14.1	12.7	13.6	13.1	12.3	13.5	16.0
Dyna-Gro	Long Branch	-	14.1	14.9	13.6	14.0	13.7	-	14.3	13.7	13.8	13.3	-
OGI	NF 101	-	13.9	-	14.2	14.4	-	-	-	13.3	13.0	14.6	-
KWA	Oakley CL	-	13.4	14.7	-	-	14.7	13.6	14.1	13.6	14.2	15.0	-
OGI	Ruby Lee	12.2	14.5	-	15.3	15.8	15.5	-	14.3	12.8	13.0	15.4	16.4
OGI	Smith's Gold	11.9	13.6	15.1	14.4	14.4	14.6	13.2	14.8	13.6	12.9	14.0	15.4
OGI	Spirit Rider	-	14.5	14.3	-	-	-	-	-	13.4	13.7	15.0	15.7
OGI	Stardust	12.1	14.3	-	-	-	-	-	-	13.9	13.5	15.4	17.0
AgriPro	SY Achieve CL2	-	14.2	16.4	-	-	-	-	13.1	13.9	13.9	15.4	15.6
AgriPro	SY Benefit	11.8	14.0	-	13.9	14.2	-	-	-	12.1	12.2	14.1	15.4
AgriPro	SY Flint	11.7	13.9	-	14.1	14.8	-	-	-	12.6	12.7	14.3	15.2
AgriPro	SY Grit	-	14.7	16.3	15.3	15.6	15.3	14.2	14.1	12.8	13.5	15.1	15.6
AgriPro	SY Monument	11.8	-	13.8	-	-	14.0	-	14.0	-	-	13.7	15.4
AgriPro	SY Rugged	-	13.4	15.0	14.1	13.7	13.8	12.1	13.1	12.8	12.9	13.6	-
LCS	T158	11.7	13.2	15.5	13.9	14.3	14.0	-	14.8	12.5	12.6	13.8	16.5
Watley	TAM 112	-	13.9	16.0	-	-	14.9	-	13.8	12.7	13.1	15.1	-
AGSECO	TAM 114	-	14.8	14.7	-	-	14.1	13.8	13.6	12.7	12.8	13.7	-
Watley	TAM 204	12.6	14.5	17.1	15.3	14.9	15.2	-	14.5	13.8	13.8	14.7	17.7
WestBred	WB4269	11.9	12.8	-	-	-	-	-	-	12.6	11.5	13.1	-
WestBred	WB4303	13.8	14.3	17.0	15.8	16.2	15.6	-	14.5	14.3	13.6	15.1	16.4
WestBred	WB4458	12.9	14.4	16.3	15.6	16.1	15.7	-	13.7	13.5	13.3	15.6	16.9
WestBred	WB4515	12.8	13.8	-	-	-	-	-	-	13.9	14.4	16.0	16.3
WestBred	WB4721	-	14.3	14.1	14.9	15.0	15.3	14.1	13.1	13.2	13.5	14.6	15.7
WestBred	WB-Grainfield	11.9	13.7	15.6	13.8	14.0	14.3	-	14.2	13.0	12.2	13.9	16.8
WestBred	Winterhawk	-	13.0	15.1	-	-	14.3	13.2	13.9	11.8	12.6	13.9	-
KWA	Zenda	11.5	13.8	-	-	-	-	-	-	13.2	12.9	14.1	15.2
OSU Experimentals													
	OCW03S580S-8F	12.0	-	-	-	-	-	-	-	-	-	-	-
	OCW04S717T-6W	12.9	16.0	-	15.0	15.3	-	-	14.3	14.1	14.3	-	18.6
	OCW05S616T-2	12.1	-	16.5	14.4	14.6	14.2	13.0	13.7	13.0	12.4	13.8	15.0
	OK12206-2	12.5	14.9	17.6	15.0	15.4	14.9	13.3	13.4	13.8	13.8	14.6	16.0
	OK12716	-	14.5	16.7	14.5	14.9	14.4	13.1	13.0	13.4	13.4	14.7	16.7
	OK12D22004-016	12.3	-	-	-	-	14.9	-	-	12.8	12.0	14.1	-
	OK13209	-	15.3	-	16.4	17.1	-	-	-	13.9	14.8	-	16.2
	OK13621	-	14.2	17.3	-	-	14.8	13.5	12.9	13.1	13.4	14.6	-
	OK14319	12.2	-	-	-	-	-	-	-	-	-	-	-
	OK14438	11.4	-	-	-	-	-	-	-	-	-	-	-
	OK14P212	-	13.4	15.8	-	-	14.8	12.8	13.7	-	-	14.1	14.0
	OK168513	-	-	15.0	-	-	14.4	13.4	-	-	-	14.3	-
	Mean	**12.3**	**14.1**	**15.3**	**14.6**	**14.9**	**14.6**	**13.4**	**13.8**	**13.2**	**13.2**	**14.4**	**16.1**
	LSD (0.05)	**0.7**	**1.0**	**1.6**	**0.6**	**0.5**	**0.4**	**0.5**	**NS**	**0.7**	**0.4**	**0.5**	**1.5**

Notes: Shaded values are not statistically different from the highest value within a column (i.e., location). NS = not significant.