

Table 2. Wheat protein content relative to the location mean (expressed as a deviation) for varieties and experimental lines in the 2017-2018 Oklahoma Wheat Variety Performance Tests.

Licensee	Variety	% wheat protein relative to location mean											
		Afton	Altus	Alva	Apache	Apache Fungicide	Balko	Buffalo	Cherokee	Chickasha	Chickasha IWM	Irrigated Goodwell	Homestead
AGSECO	AG Gallant	-	-	-	-	-	-	-	-	-1.0	-1.2	0.1	-
AGSECO	AG Icon	-	0.0	-	0.7	0.5	-	-	-	0.9	0.6	0.4	-
AgriMAXX	AM Eastwood	-	0.7	-	-	-	-	-	-	-0.3	-0.3	0.3	-
OGI	Bentley	-0.4	-1.0	-0.9	-0.3	0.1	-0.7	-0.3	0.8	-0.5	-0.5	-0.1	1.3
AgriPro	Bob Dole	-	-0.4	-1.5	-	-	-	-	-1.0	0.1	0.0	0.0	-0.5
CROPLAN	CP78-26	-	0.3	-	-	-	-	-	-	1.2	1.2	0.7	-
OGI	Doublestop CL Plus	1.2	0.7	0.5	1.6	1.7	1.6	2.1	-0.6	1.2	1.4	2.0	1.0
OGI	Duster	-0.3	-0.6	-1.6	-0.8	-0.6	0.1	-	0.7	-0.4	-0.2	-0.4	-1.1
KWA	Everest	0.2	-	-	-	-	-	-	-	-	-	-	-
OGI	Gallagher	-	0.4	0.5	-0.5	-0.6	-0.3	0.6	0.2	-0.1	-0.2	-0.2	0.6
OGI	Iba	-	-1.3	-0.3	-1.6	-1.4	-1.1	-0.6	-0.1	-1.0	-1.0	-1.0	-1.5
KWA	Joe	-1.4	-0.8	-2.0	-1.3	-1.4	-1.2	-1.2	-0.5	-0.7	-0.8	-1.0	-1.8
PlainsGold	Langin	-	-0.6	0.2	-	-	0.1	0.1	-0.9	-0.9	-0.6	-0.6	-
KWA	Larry	-	-0.4	-0.8	-	-	-0.5	-0.2	-1.1	-0.9	-0.4	-0.1	-0.5
LCS	LCS Avenger	-	0.6	-	-	-	-	-	-	0.4	0.7	-1.0	-
LCS	LCS Chrome	1.1	0.7	-0.2	0.6	0.4	0.6	0.7	-0.4	1.2	1.4	0.7	1.4
LCS	LCS Mint	-0.4	0.6	-1.3	-1.0	-0.4	-0.6	-	0.7	-0.6	-0.3	-0.5	0.1
LCS	LCS Pistol	0.6	0.0	-0.2	-0.5	-0.6	0.0	-	0.3	0.2	0.1	-0.4	1.1
OGI	Lonerider	0.9	-0.5	-0.4	0.0	-0.2	-0.5	-0.7	-0.2	-0.1	-0.9	-0.9	-0.1
Dyna-Gro	Long Branch	-	0.1	-0.5	-1.0	-0.8	-0.9	-	0.6	0.6	0.6	-1.1	-
OGI	NF 101	-	-0.2	-	-0.3	-0.5	-	-	-	0.1	-0.2	0.2	-
KWA	Oakley CL	-	-0.6	-0.7	-	-	0.1	0.2	0.3	0.4	1.0	0.6	-
OGI	Ruby Lee	-0.1	0.5	-	0.7	1.0	1.0	-	0.5	-0.4	-0.2	1.0	0.3
OGI	Smith's Gold	-0.4	-0.5	-0.2	-0.2	-0.5	0.0	-0.2	1.0	0.4	-0.3	-0.4	-0.7
OGI	Spirit Rider	-	0.4	-1.0	-	-	-	-	-	0.2	0.5	0.6	-0.4
OGI	Stardust	-0.1	0.2	-	-	-	-	-	-	0.7	0.4	1.0	1.0
AgriPro	SY Achieve CL2	-	0.2	1.1	-	-	-	-	-0.7	0.7	0.7	1.0	-0.5
AgriPro	SY Benefit	-0.5	-0.1	-	-0.6	-0.7	-	-	-	-1.1	-0.9	-0.3	-0.6
AgriPro	SY Flint	-0.6	-0.2	-	-0.5	-0.1	-	-	-	-0.5	-0.5	-0.1	-0.8
AgriPro	SY Grit	-	0.7	0.9	0.7	0.8	0.8	0.9	0.3	-0.3	0.3	0.7	-0.4
AgriPro	SY Monument	-0.5	-	-1.5	-	-	-0.6	-	0.3	-	-	-0.7	-0.6
AgriPro	SY Rugged	-	-0.7	-0.3	-0.5	-1.2	-0.8	-1.3	-0.6	-0.4	-	-0.3	-0.8
LCS	T158	-0.6	-0.9	0.2	-0.7	-0.6	-0.6	-	1.0	-0.6	-0.6	-0.6	0.4
Watley	TAM 112	-	-0.2	0.6	-	-	0.3	-	0.0	-	-0.5	-0.1	0.7
AGSECO	TAM 114	-	0.8	-0.6	-	-	-0.5	0.4	-0.2	-0.5	-0.4	-0.7	-
Watley	TAM 204	0.3	0.4	1.8	0.8	0.1	0.7	-	0.7	0.6	0.6	0.3	1.7
WestBred	WB4269	-0.4	-1.3	-	-	-	-	-	-	-0.5	-1.7	-1.3	-
WestBred	WB4303	1.6	0.2	1.6	1.3	1.3	1.0	-	0.7	1.1	0.4	0.7	0.3
WestBred	WB4458	0.7	0.4	0.9	1.0	1.2	1.2	-	0.0	0.3	0.1	1.2	0.8
WestBred	WB4515	0.5	-0.3	-	-	-	-	-	-	0.7	1.3	1.6	0.2
WestBred	WB4721	-	0.2	-1.2	0.4	0.2	0.8	0.8	-0.7	0.0	0.3	0.2	-0.4
WestBred	WB-Grainfield	-0.3	-0.4	0.2	-0.8	-0.9	-0.3	-	0.5	-0.1	-0.9	-0.5	0.7
WestBred	Winterhawk	-	-1.0	-0.2	-	-	-0.2	-0.2	0.1	-1.3	-0.6	-0.5	-
KWA	Zenda	-0.8	-0.3	-	-	-	-	-	-	0.0	-0.3	-0.2	-0.8
OSU Experimentals													
	OCW03S580S-8F	-0.2	-	-	-	-	-	-	-	-	-	-	-
	OCW04S717T-6W	0.6	1.9	-	0.5	0.4	-	-	0.5	0.9	1.1	-	2.6
	OCW05S616T-2	-0.2	-	1.1	-0.2	-0.3	-0.4	-0.4	-0.1	-0.2	-0.8	-0.6	-1.1
	OK12206-2	0.2	0.9	2.2	0.4	0.5	0.4	-0.1	-0.4	0.6	0.6	0.2	-0.1
	OK12716	-	0.4	1.3	0.0	0.0	-0.2	-0.2	-0.8	0.2	0.3	0.3	0.6
	OK12D22004-016	0.1	-	-	-	-	0.3	-	-	-0.4	-1.2	-0.3	-
	OK13209	-	1.3	-	1.8	2.3	-	-	-	0.7	1.6	-	0.2
	OK13621	-	0.2	2.0	-	-	0.2	0.1	-0.9	-0.1	0.2	0.2	-
	OK14319	0.0	-	-	-	-	-	-	-	-	-	-	-
	OK14438	-0.9	-	-	-	-	-	-	-	-	-	-	-
	OK14P212	-	-0.6	0.4	-	-	0.2	-0.6	0.0	-	-	-0.2	-2.1
	OK168513	-	-	-0.3	-	-	-0.1	0.0	-	-	-	-0.1	-
	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