



2017-2018 Wheat Variety Performance Tests Protein Summary

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AGRICULTURE

Licensee	Variety	Afton	Altus	Alva	Apache	Apache Fungicide	Balko	Buffalo	Cherokee	Chickasha	Chickasha IWM	Goodwell Irrigated	Homestead
		-----% wheat protein (12% moisture basis)-----											
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.

Partial financial support provided by the Oklahoma Wheat Commission and the Oklahoma Wheat Research Foundation

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Licensee	Variety	Hooker	Keyes	Kildare	Kingfisher	Lahoma	Lahoma Fungicide	Lamont	Marshall Dual-Purpose	Marshall Grain-Only	Thomas	Union City	Walters
		-----% wheat protein (12% moisture basis)-----											
AGSECO	AG Gallant	-	-	-	-	13.1	13.4	-	-	-	-	-	-
AGSECO	AG Icon	-	-	-	-	14.6	14.2	-	16.5	16.0	-	-	-
AgriMAXX	AM Eastwood	-	-	-	-	14.2	14.5	-	-	-	-	-	-
OGI	Bentley	14.5	14.2	12.5	13.1	13.0	13.0	15.8	16.6	14.4	15.0	11.4	11.0
AgriPro	Bob Dole	-	-	13.1	-	13.0	12.8	15.7	14.9	15.2	-	-	-
CROPLAN	CP78-26	-	-	-	-	14.3	14.3	-	-	-	-	-	-
OGI	Doublestop CL Plus	14.7	16.2	13.7	14.3	14.4	14.7	16.4	16.2	16.1	16.5	12.3	13.4
OGI	Duster	14.3	14.5	12.5	13.3	13.0	13.2	15.7	15.6	15.5	15.6	11.2	11.3
KWA	Everest	-	-	-	-	-	-	-	-	-	-	-	-
OGI	Gallagher	14.7	14.7	13.3	13.6	13.4	13.5	16.1	16.7	15.4	15.3	12.6	11.3
OGI	Iba	14.6	13.9	11.7	12.8	12.6	12.7	13.9	16.3	14.3	14.0	10.3	11.0
KWA	Joe	14.4	13.4	11.7	13.8	12.6	11.6	15.6	15.9	14.7	13.3	-	11.0
PlainsGold	Langin	14.3	14.2	-	-	12.8	12.7	-	-	-	-	-	-
KWA	Larry	14.8	15.0	-	13.9	13.0	12.7	15.6	-	-	14.9	-	-
LCS	LCS Avenger	-	-	-	-	13.4	13.5	-	-	-	-	-	-
LCS	LCS Chrome	14.4	15.2	13.9	13.3	14.7	14.3	16.6	17.4	17.6	16.4	12.4	13.1
LCS	LCS Mint	14.5	14.0	12.8	12.0	12.9	13.0	15.2	-	-	14.0	11.4	11.0
LCS	LCS Pistol	14.4	13.9	-	12.5	13.6	12.8	15.9	-	-	15.5	11.0	11.6
OGI	Lonerider	14.2	13.7	-	13.7	13.6	13.9	16.3	-	-	15.6	11.7	11.3
Dyna-Gro	Long Branch	14.0	13.4	-	-	13.6	12.8	-	15.6	15.4	14.7	-	11.9
OGI	NF 101	-	-	-	-	13.2	13.1	-	-	-	-	12.9	11.6
KWA	Oakley CL	14.5	14.6	-	-	12.7	12.8	-	-	-	-	-	-
OGI	Ruby Lee	15.3	15.9	13.2	15.1	13.8	14.3	15.8	17.0	15.5	16.3	11.6	11.5
OGI	Smith's Gold	14.3	14.4	13.1	13.6	12.9	12.7	16.2	15.9	15.4	15.1	12.1	11.3
OGI	Spirit Rider	-	-	13.7	-	13.6	13.2	17.0	-	-	-	-	-
OGI	Stardust	-	-	13.7	-	13.4	13.2	16.5	16.2	15.7	-	-	-
AgriPro	SY Achieve CL2	-	-	14.2	14.7	14.2	14.0	16.3	16.5	15.3	16.9	-	-
AgriPro	SY Benefit	-	-	12.2	14.3	12.4	12.5	15.6	-	-	15.9	10.8	10.5
AgriPro	SY Flint	-	-	-	14.5	13.0	12.8	14.9	-	-	15.6	11.2	11.4
AgriPro	SY Grit	14.7	14.8	-	15.4	13.6	13.9	16.7	15.8	15.9	15.5	13.4	11.2
AgriPro	SY Monument	14.7	14.5	12.7	12.7	12.7	12.3	15.6	-	-	14.4	-	-
AgriPro	SY Rugged	14.1	14.0	-	13.4	13.1	12.4	-	14.8	14.8	15.2	11.9	11.4
LCS	T158	13.9	13.3	-	13.2	12.6	12.6	15.1	14.8	14.7	15.3	11.0	10.8
Watley	TAM 112	14.6	14.8	-	-	13.9	13.9	-	-	-	-	-	-
AGSECO	TAM 114	14.5	14.8	-	-	12.4	12.3	-	-	-	-	-	-
Watley	TAM 204	15.5	15.8	14.1	14.7	14.1	14.3	17.1	15.8	15.6	17.2	12.7	-
WestBred	WB4269	-	-	12.1	-	12.8	12.6	13.9	15.6	14.0	-	-	-
WestBred	WB4303	15.3	15.9	14.5	15.0	13.5	14.1	17.4	17.5	16.1	16.4	13.5	12.6
WestBred	WB4458	14.6	15.7	13.7	16.4	13.7	13.8	17.8	-	-	16.9	12.9	11.8
WestBred	WB4515	-	-	-	13.6	12.8	13.7	16.7	17.1	16.1	15.0	11.0	-
WestBred	WB4721	14.5	14.9	-	-	13.1	13.5	-	16.0	15.7	15.5	12.0	11.7
WestBred	WB-Grainfield	14.2	13.5	12.5	13.0	13.7	13.6	16.5	-	-	16.3	11.1	11.6
WestBred	Winterhawk	15.0	14.5	-	-	12.7	12.6	-	-	-	-	-	-
KWA	Zenda	-	-	13.4	-	13.1	13.1	15.7	-	-	-	-	-
OSU Experimentals													
	OCW03S580S-8F	-	-	-	-	-	-	-	-	-	-	-	-
	OCW04S717T-6W	-	-	-	15.9	14.1	14.4	17.6	17.9	16.4	-	-	-
	OCW05S616T-2	14.5	13.8	13.0	14.5	13.1	13.0	16.2	16.2	15.5	15.2	12.5	12.1
	OK12206-2	14.1	-	-	13.8	13.9	13.6	-	15.9	16.1	16.3	12.8	-
	OK12716	14.5	14.6	13.3	13.3	13.1	13.3	16.5	15.7	16.6	15.4	10.4	11.4
	OK12D22004-016	-	-	13.6	14.0	13.0	12.9	16.4	-	-	15.9	-	-
	OK13209	-	-	-	15.9	13.3	13.7	17.2	-	-	16.5	13.3	13.6
	OK13621	14.4	-	-	16.1	13.9	13.6	16.2	-	-	-	-	-
	OK14319	-	-	-	14.5	13.5	13.6	-	16.1	15.7	-	11.7	-
	OK14438	-	-	-	-	-	-	-	-	-	-	-	-
	OK14P212	14.7	14.4	-	-	-	-	-	14.9	15.1	15.6	11.0	-
	OK168513	14.7	14.3	-	-	-	-	-	-	-	-	-	-
	Mean	14.5	14.5	13.1	14.1	13.3	13.3	16.1	16.1	15.5	15.6	11.9	11.6
	LSD (0.05)	NS	0.5	0.5	0.8	1.3	1.1	0.8	NS	0.8	1.3	0.8	0.6

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