Table 10. OSU candidate varieties placed under seed increase in fall 2018 with Oklahoma Foundation Seed Stocks. Number of years of Foundation Seed production indicated as of summer 2018. HRW elite, grey; WSM-resistant candidates, orange; Clearfield Plus candidates, dark orange; HW elite, no highlight.

Candidate[a]	Pedigree	OFSS	Feature traits
OK14P212	OK01307/Duster//OK06822W	2	See OK1059018 reseln, but less mildew resistance, greater test weight.
OK1059018 reseln	Billings/Duster	1	All-purpose: grazing, disease-resistant wheat with premium quality.
OK13P016	Billings/Duster	2	Southern Oklahoma, dual-purpose intent; HF-R; high quality – bread/tortilla.
OK16D101089	OK12621/Bentley	1	Significant breakthrough in BYD protection; unexplainable leaf rust res.
OK16D101073	OK12621/Bentley	1	See OK16D101089, but lower quality/test weight and higher yield.
OK14124-2	NI04430/OK05303//Fuller	1	High protein/dough strength/test weight. suitable for late planting?
OK12206-127206-2	Y98-912/OK00611W//OK03716W	3	Beardless with disease & HF resistance; premium quality.
OK168512	Overley+/Fuller//2*CSU exptl.	2	Moderate WSM resistance; better yielding ability of two sibs.
OK168513	Overley+/Fuller//2*CSU exptl.	2	Highly WSM-resistant; moderate yield potential.
OK12912C-138407-2	N91D2308-13/OK03926C//OK03928C	3	Doublestop upgrade for straw strength, forage production, maturity.
OK149132C	CO06054/ OK06029C	1	Beautiful & early; yield ceiling tops Doublestop; less disease protection.
OCW04S717T-6W	CIMMYT seln/KS exptl.//KS91W047	2	Exceptional quality HW beardless; top-tier yield and disease protection.
OK14P736W	Australian sources/2*OK Bullet	1	Up and coming HW, but best suited for western Oklahoma.

[a] Not listed here are three candidates: one featuring the soft red winter class adapted to eastern Oklahoma, Arkansas, Missouri and areas further north (OCW03S580S-8WF); a Gallagher reselection (reseln) with uniform stripe rust resistance and slightly later maturity (OK15818); and one beardless HRW candidate with statewide adaptation and from which three maturity classes were identified and recovered for separate increase.