

Table 11. Trait ratings (1-to-5 scale) for OSU candidate varieties placed under seed increase in fall 2017 with Oklahoma Foundation Seed Stocks. Grey, HRW elite; orange, WSM-resistant candidates; dark orange, Clearfield Plus candidates; no highlight, HW elite with pre-harvest sprout tolerance.

Candidate	Trait category ^a										Weaknesses
	DP	HF	YR	LR	TS	PM	V	AST	SS	BQ	
OK14P212	1	1	1	1	5	4	1	2	2	2	Mildew, shattering
OK1059018 reseln	1	2	2	1	5	1	1	1	3	1	Standability
OK13P016	1	1	1	2	3	4	1	1	2	1	Mildew
OK16D101089	2	5	2	1	4	1	1	1	1	2	Fine canopy texture
OK16D101073	--	5	1	1	3	1	1	1	1	4	Mix tol., yellow berry
OK14124-2	5	5	2	1	2	4	1	1	1	1	Inopportune plant date
OK12206-127206-2	2	1	1	3	3	1	1	2	1	1	Test weight
OK168512	2	2	2	3	2	2	1	3	1	1	Kernel size
OK168513	2	2	2	--	3	1	1	3	2	2	Kernel size
OK12912C-138407-2	1	3	1	1	3	1	1	1	1	1	Tall
OK149132C	1	5	2	5	5	1	1	4	1	2	Yield protection
OCW04S717T-6W	1	5	1	1	1	1	1	3	1	1	April freeze
OK14P736W	1	5	2	4	2	2	3	3	1	2	WSBM not WSSM

^a Trait categories abbreviated as DP, dual-purpose capability (forage and grain combined); HF, Hessian fly; YR, stripe rust; LR, leaf rust; TS, tan spot; PM, powdery mildew; V, WSBM/WSSM complex; AST, acid-soil tolerance; SS, straw strength; and BQ, baking quality. Values ≤ 2 are considered very desirable; those ≥ 4 are undesirable. No value (--) indicates inconsistent or insufficient data for postulation.