



Table 5. Three-year averages for Sclerotinia blight, yield (pounds per acre), and seed grade in advanced breeding lines and commercial cultivars at the Caddo Research Station in Fort Cobb, Oklahoma (2018-2020).¹

Entry	2018-2020			2018			2019			2020		
	SM ³	Yield	Grade	SM ³	Yield	Grade	SM ³	Yield	Grade	SM ³	Yield	Grade
Runner												
Florun '107'	69.5a	4011b	68.2c	85.4a	4949	70.7	—	—	—	53.5a	4054b	67.5
Lariat	30.2b	5009a	71.3a-c	31.7d	5141	73.7	—	3872	70.6a	28.8b	6014a	69.7
Tamrun OL11	28.1b	4521ab	71.6ab	36.7dc	4899	74.3	—	3557	70.5a	19.6b	5106ab	70.1
ARSOK-R90-12	30.7b	4659ab	72.5a	42.1b-c	5360	75.2	—	3509	71.1a	24.6b	5602a	69.3
ARSOK-R92-13	44.2b	4959a	71.2a-c	60.4a-c	5462	74.5	—	3812	69.9ab	27.9b	5058ab	66.9
ARSOK-R93-10	31.7b	4622ab	69.2bc	39.6b-d	5179	74.8	—	3630	66.1b	23.8b	4441b	68.0
ARSOK-R94-4	47.1b	4598ab	69.8a-c	64.2ab	5324	74.4	—	4029	67.1ab	30.0b	5070ab	71.7
Spanish												
OLé	0b	4047	65.3bc	0	5082	68.6b	—	3187	64.2bc	0b	3872	63.3ab
Schubert	0b	4042	62.7c	0	5239	63.3c	—	3351	62.3c	0b	3535	62.5ab
SPAN 17	9.6a	4066	68.9a	10	5155	73.5a	—	2989	68.4a	9.2a	4054	64.8a
ARSOK-S88-2	0b	4170	66.2ab	0	5300	68.1b	—	3207	65.7a-c	0b	4005	64.7a
ARSOK-S96-5	1.0b	4123	67.1ab	2.1	5143	73.8a	—	2750	68.2ab	0b	4477	59.3b
Virginia												
ACI 351	50.2	4224a-c	68.3ab	59.2	4366b	69.2ab	—	3521	70.2ab	41.3	4876	65.9
Contender	39.4	4695ab	69.7ab	48.8	5493a	72.7a	—	3170	66.9ab	30.0	5421	69.5
Jupiter	51.4	4641ab	67.1b	70.0	4659ab	68.3b	—	3848	65.1b	36.4	5251	66.6
NC1EX	38.2	4474a-c	69.4ab	48.3	5058ab	71.7ab	—	3422	69.4ab	27.5	4931	67.3
NC2EX	44.5	4256a-c	69.4ab	56.7	4804ab	71.3ab	—	3267	71.1ab	32.7	4701	66.8
NC7EX	49.8	4118bc	70.9a	58.7	4646ab	71.4ab	—	3267	72.3a	40.8	4441	69.2
NC17EX	46.7	4792a	70.7a	52.1	5554a	72.4a	—	3836	72.3a	38.3	5112	68.2
NC19EX	53.1	4364a-c	69.6ab	72.5	4949ab	71.3ab	—	3364	69.2ab	33.8	4780	68.3
NC22EX	52.1	3972c	68.6ab	64.2	4707ab	71.6ab	—	3168	67.7ab	40.0	4041	66.7

¹ 2018 plots harvested 130 days after planting (DAP) for Spanish, 141 DAP for runners, and 147 DAP for Virginia. All 2019 plots harvested 162 DAP. 2020 plots harvested 131 DAP for Spanish and 170 DAP for runners and Virginias. Market types were analyzed separately. Numbers with the same lowercase letter within columns for each market type are not significantly different ($\alpha = 0.05$).

No differences among entries if letters absent in column.

² Grade = percent total sound mature kernels + sound splits.

³ SM, percent incidence of Sclerotinia blight. No Sclerotinia ratings taken in 2019 due to unfavorable conditions and a severe early freeze.