



Table 7. 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 (2019-2021).¹

Entry	2019-2021			2021			2020			2019	
	SM ²	Yield	Grade ³	SM	Yield	Grade	SM	Yield	Grade	Yield	Grade
Runner											
Lariat	15.5ab	4501a	71.8ab	2.3b	3618	75.1a	28.8ab	6014a	69.7a	3872	70.6a
ARSOK R96-8	3.6b	4445a	66.0d	0.5b	3993	68.8c	6.7b	5518a-c	62.6b	3824	66.6c
ARSOK R92-13	15.5ab	4150ab	70.6a-c	3.0b	3037	72.6a-c	27.9ab	5602ab	69.3a	3812	69.9ab
ARSOK R95-1	12.1b	4058ab	70.1bc	1.8b	3473	74.0ab	22.5b	5118a-c	68.0ab	3582	68.3a-c
ARSOK R93-1	17.5ab	4005ab	71.1a-c	6.3ab	3352	73.6ab	28.7ab	5009a-c	70.1a	3654	69.9a-c
ARSOK R91-2	17.8ab	3989ab	70.5a-c	3.3ab	3182	73.0ab	32.4ab	4937a-c	69.8a	3848	68.9a-c
ARSOK R90-12	12.1b	3922ab	72.9a	4.0ab	3219	76.2a	24.1ab	5039a-c	71.9a	3509	71.1a
ARSOK R94-4	17.3ab	3856ab	69.3bc	4.5ab	3098	73.0ab	30.0ab	4441bc	69.0ab	4029	67.1bc
FloRun'107'	31.6a	3477b	68.3cd	9.8a	3166	70.6bc	53.5a	4054c	67.5ab	-	-
HarvestDAP/DD ⁴				166 DAP/3409 DD			170 DAP/3133 DD			162 DAP/3387 DD	
Spanish											
ARSOK S96-5	—	3268a	66.4ab	—	2577	71.7ab	—	4477a	59.3b	2750a-c	68.2a
OLé	—	3224a	66.0a-c	—	2614	70.5a-c	—	3872ab	63.3ab	3187ab	64.2ab
SPAN 17	—	3218a	68.7a	—	2590	72.9a	—	4054ab	64.8a	2989a-c	68.4a
Schubert	—	3126ab	64.4bc	—	2414	68.3a-c	—	3535a-c	62.5ab	3351a	62.3b
Valencia C	—	2593bc	62.9c	—	2311	66.8bc	—	3061bc	61.1ab	2405c	60.9b
NM-M2	—	2525c	64.0bc	—	2251	66.3c	—	2626c	63.5ab	2698a-c	62.2b
NM-M7	—	2428c	64.8bc	—	2166	66.9bc	—	2602c	63.3ab	2517bc	64.2ab
Harvest DAP/DD				148 DAP/3254 DD			131 DAP/2871 DD			162 DAP/3387 DD	
Virginia											
Jupiter	24.2	4099	65.7b	13.8	3219	64.5b	36.4	5251	66.6	3848	65.1b
Contender	17.5	3985	68.0ab	5.0	3364	67.7ab	30.0	5421	69.5	3170	66.9b
Comrade	22.5	3972	70.2a	5.0	3001	71.8a	38.3	5112	68.2	3836	72.3a
ACI351	24.3	3783	68.1ab	7.3	2952	68.2ab	41.3	4876	65.9	3521	70.2ab
Harvest DAP/DD				166 DAP/3409 DD			170 DAP/3133 DD			162 DAP/3387 DD	

¹ Market types were analyzed separately, and entries are sorted from highest to lowest three-year average yield. 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 SM, % incidence of Sclerotinia blight. No Sclerotinia ratings taken in 2019 due to unfavorable conditions and a severe early freeze.

³ Grade = % total sound mature kernels + sound splits.

⁴ Days after planting (DAP) when harvested; peanut degree-day (DD) heat units in Fahrenheit calculated by Mesonet