

Table 5. Three-year averages for Sclerotinia blight, yield (pounds per acre) and seed grade in Spanish advanced breeding lines and commercial cultivars at the Caddo Research Station in Fort Cobb (2021-2023).¹

Entry	2021-2023			2023			2022			2021		
	Yield	GRD ²	SM ³	Yield	GRD	SM	Yield	GRD	SM	Yield	GRD	SM
Runner				136 DAP/2823 GDD ⁴			148 DAP/3203 GDD			166 DAP/3409 GDD		
OLé	4084a	70ab	1b	4811a	70	0	4804	69	3b	2614	70a-c	—
ARSOK S104-2E	3584bc	71a	3ab	3867b	70	0	4586	70	5ab	2299	74a	—
ARSOK S104-3E	3658a-c	69ab	5ab	3993b	70	0	4574	67	10ab	2408	71ab	—
ARSOK S105-3E	3794a-c	69ab	2ab	4011b	70	1	4753	66	4b	2589	70a-c	—
ARSOK S105-4E	3866ab	69ab	3ab	4167b	69	0	4913	68	5ab	2517	71ab	—
NM16-17	3363c	68b	4ab	4039b	70	0	3908	65	8ab	2178	66c	—
NM16-42	3487bc	69ab	9a	3951b	70	0	4054	68	18a	2456	69bc	—

¹ Numbers with the same lowercase letter within columns are not significantly different ($\alpha = 0.05$).

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

³ SM, % incidence of Sclerotinia blight. No Sclerotinia ratings taken in 2021 in the Spanish/Valencia trial due to low levels of disease.

⁴ Days after planting (DAP) when dug; peanut growing degree days (GDD) heat units in Fahrenheit calculated by Mesonet. Planting and digging dates: 2023, June 21 and Nov. 3; 2022, June 6 and Oct. 31; 2021, May 14 and Oct. 26.