Table 4. Crop value, yield, grade, Sclerotinia blight and shelling characteristics in advanced Spanish/Valencia breeding lines and commercial cultivars planted at the Caddo Research Station in Fort Cobb on June 21, 2023.[1]

Entry	Market Type	Revenue ($/A)[2]	Yield (lbs/A)	Grade[3]	SM[4]	100-seed (g)	VDK (%)[5]	Hull (%)
NM16-17	Valencia	1351a	4039bc	70.4bc	0b	53.5cd	0.7ab	27.6ab
NM16-42	Valencia	1317ab	3951bc	70.2b-d	0b	53.3cd	0.7ab	27.2bc
NMPR25	Valencia	1282a-c	3891bc	69.4b-d	0.8b	52.7cd	0.5ab	28.2ab
TAMVal OL14	Valencia	1281a-c	3889bc	69.3b-d	0b	57.3ab	1.2a	28.2ab
IPG 1288	Valencia[6]	1255a-d	3656bc	72.2ab	38.3a	59.0a	0.7ab	24.9cd
NM-KC25	Valencia	1251a-d	3743bc	70.4bc	1.7b	54.1b-d	0.8ab	27.8ab
NM-M6	Valencia	1190b-e	3596bc	69.7b-d	0b	53.0cd	0.6ab	28.3ab
OLé	Valencia	1183c-e	4811a	70.3b-d	0b	44.2e	0.5ab	27.1bc
NM310	Valencia	1127d-f	3527c	67.3d	0b	51.6d	0.7ab	29.8a
ARSOK R58B	Spanish[6]	1093e-g	4244ab	73.6a	0.8b	56.2a-c	0.4b	24.8d
ARSOK S105-4E	Spanish	1008f-h	4167a-c	69.2cd	0b	54.3b-d	0.6ab	28.3ab
ARSOK S105-3E	Spanish	988gh	4011bc	70.4bc	1.3b	54.7b-d	0.5ab	27.5b
ARSOK S104-3E	Spanish	979gh	3993bc	70.2b-d	0b	52.8cd	0.5ab	27.9ab
ARSOK S104-2E	Spanish	947h	3867bc	70.0b-d	0b	51.9d	0.5ab	27.8ab

[1] Entries sorted by highest to lowest contract revenue per acre. Peanuts were dug Nov. 3 (136 days after planting; 2,823 growing degree days in Fahrenheit). Numbers with the same lowercase letter within columns are not significantly different (α = 0.05). No differences among entries if letters absent in column.

[2] Based on a contract price per ton of $700/ton for Spanish and $950/ton for Valencia. Calculations do not include deductions for excess splits or damaged and other kernels.

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

[4] Incidence of Sclerotinia blight rated on Oct. 13.

[5] VDK, visibly damaged kernels.

[6] IPG 1288, red-seeded runner; ARSOK R58B, small-seeded runner.