



2019 Summary of Uniform Peanut Yield Trials

- West Texas -

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Pod yield, grade, and pod and kernel size distribution results for four advanced Virginia peanut lines and five cultivars in Yoakum County, Texas in 2019.

| Entry | Pod Yield lb / A | TSMK ^a | In-Shell | | | Shelled | | | | |
|----------------------------|---------------------|-------------------|-----------------|--------|-------|---------------|--------|--------|-------|--|
| | | | Super- Jumbo | Jumbo | Fancy | Super- ELK | ELK | Medium | No. 1 | |
| | | | -----% | | | | | | | |
| 16-2-1726 | 4331 a | 53 cd | 35 a | 35 ab | 24 e | 0 b | 38 bc | 32 b | 16 a | |
| 16-2-1733 | 4189 ab | 55 c | 23 b | 33 ab | 32 cd | 1 b | 37 bc | 34 b | 15 a | |
| 16-2-1719 | 4134 ab | 55 cd | 16 c | 37 a | 38 c | 0 b | 33 bc | 37 ab | 16 a | |
| ACI 442 | 4123 ab | 66 ab | 1 d | 17 ef | 61 a | 0 b | 41 a-c | 37 ab | 9 b | |
| Wynne | 4036 ab | 66 ab | 20 bc | 25 cd | 37 c | 0 b | 42 ab | 38 ab | 9 b | |
| Sugg | 3916 a-c | 68 a | 5 d | 28 b-d | 49 b | 1 b | 49 a | 34 b | 8 b | |
| 16-2-1754 | 3790 bc | 52 d | 18 bc | 32 a-c | 36 c | 0 b | 36 bc | 34 b | 15 a | |
| Florida Fancy | 3512 c | 64 b | 1 d | 14 f | 55 ab | 2 ab | 32 c | 44 a | 10 b | |
| IPG 464 | 3451 c | 68 a | 37 a | 23 de | 28 de | 6 a | 40 a-c | 34 b | 9 b | |
| <i>LSD</i> _{0.05} | 520 | 3 | 6 | 7 | 7 | 4 | 9 | 7 | 4 | |

Means within a column followed by the same lowercase letter are not significantly different according to Fisher's Least Significant Difference test at P = 0.05.

^a Total sound mature kernels.

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Pod yield, grade, and pod and kernel size distribution results for eight intermediate Virginia peanut lines and five cultivars in Yoakum County, Texas in 2019.

| Entry | Pod Yield lb / A | TSMK ^a | In-Shell | | | Shelled | | | | |
|----------------------------|---------------------|-------------------|-----------------|--------|-------|---------------|--------|--------|--------|--|
| | | | Super- Jumbo | Jumbo | Fancy | Super- ELK | ELK | Medium | No. 1 | |
| | | | -----% | | | | | | | |
| IPG 464 | 4457 a | 67 ab | 2 e | 18 de | 61 a | 0 a | 52 a | 29 e | 10 d-f | |
| ACI 442 | 4211 ab | 67 a-c | 0 e | 16 e | 65 a | 0 a | 47 ab | 33 de | 9 e-g | |
| 17-2-0715 | 3888 bc | 63 c | 14 d | 39 a-c | 38 c | 0 a | 45 a-c | 39 cd | 6 g | |
| 17-2-0301 | 3785 bc | 56 d | 30 c | 37 a-c | 25 d | 0 a | 30 d-f | 37 de | 16 bc | |
| Florida Fancy | 3763 bc | 67 a-c | 2 e | 13 e | 57 ab | 0 a | 35 c-e | 45 bc | 9 fg | |
| Wynne | 3763 bc | 64 bc | 25 c | 28 cd | 38 c | 0 a | 43 a-c | 36 de | 9 e-g | |
| 17-2-0119 | 3681 bc | 52 e | 30 c | 40 ab | 24 d | 0 a | 34 c-e | 32 de | 18 b | |
| Sugg | 3665 c | 69 a | 5 de | 30 bc | 51 b | 1 a | 54 a | 29 e | 7 fg | |
| 17-2-0219 | 3424 cd | 57 d | 26 c | 39 a-c | 26 d | 0 a | 38 b-d | 35 de | 13 cd | |
| 17-2-2419 | 2938 de | 52 e | 69 a | 13 e | 12 e | 0 a | 20 f | 34 de | 29 a | |
| 17-2-0108 | 2414 ef | 50 e | 47 b | 17 e | 24 d | 0 a | 28 d-f | 45 bc | 13 c-e | |
| 17-2-0303 | 2315 fg | 66 a-c | 10 de | 42 a | 37 c | 0 a | 26 ef | 54 a | 9 fg | |
| 17-2-0107 | 1797 g | 34 f | 51 b | 14 e | 21 de | 0 a | 20 f | 50 ab | 13 cd | |
| <i>LSD</i> _{0.05} | 536 | 3 | 11 | 10 | 9 | 2 | 11 | 8 | 3 | |

Means within a column followed by the same lowercase letter are not significantly different according to Fisher's Least Significant Difference test at P = 0.05.

^a Total sound mature kernels.

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Pod yield, grade, and pod and kernel size distribution results for twelve preliminary Virginia peanut lines and five cultivars in Yoakum County, Texas in 2019.

| Entry | Pod Yield lb / A | TSMK ^a | In-Shell | | | Shelled | | | |
|----------------------------|---------------------|-------------------|-----------------|--------|--------|---------------|--------|--------|--------|
| | | | Super- Jumbo | Jumbo | Fancy | Super- ELK | ELK | Medium | No. 1 |
| 18-2-0202 | 4751 a | 70 a | 2 c | 24 a-e | 57 b-f | 1 a | 57 ab | 10 a-c | 10 a-c |
| 18-2-0102 | 4539 ab | 68 a | 0 c | 16 ef | 66 ab | 0 a | 44 gh | 11 ab | 11 ab |
| 18-2-0104 | 4527 ab | 69 a | 0 c | 22 b-f | 60 a-d | 1 a | 55 a-d | 9 b-e | 9 b-e |
| 18-1-0108 | 4287 ab | 68 a | 0 c | 14 f | 67 a | 0 a | 44 f-h | 12 a | 12 a |
| 18-2-0201 | 4254 ab | 69 a | 2 c | 26 a-d | 53 d-f | 1 a | 56 a-d | 10 a-c | 10 a-c |
| ACI 442 | 4189 ab | 68 a | 1 c | 16 ef | 64 a-c | 1 a | 48 c-g | 9 b-e | 9 b-e |
| 18-2-0109 | 4074 a-c | 71 a | 1 c | 20 c-f | 59 a-e | 0 a | 54 a-e | 9 b-e | 9 b-e |
| 18-2-0203 | 4058 a-c | 70 a | 3 c | 27 a-d | 54 d-f | 1 a | 56 a-c | 9 b-e | 9 b-e |
| Wynne | 4042 a-c | 67 a | 26 b | 28 a-c | 33 g | 0 a | 45 f-h | 9 b-e | 9 b-e |
| 18-2-0110 | 4025 a-c | 68 a | 1 c | 22 a-f | 55 c-f | 0 a | 52 a-f | 9 b-e | 9 b-e |
| 18-2-0111 | 4020 a-c | 69 a | 1 c | 26 a-d | 55 c-f | 1 a | 58 a | 9 b-e | 9 b-e |
| 18-2-0103 | 3949 b-d | 72 a | 2 c | 31 a | 54 d-f | 1 a | 55 a-d | 8 de | 8 de |
| Florida Fancy | 3900 b-d | 68 a | 1 c | 18 d-f | 48 f | 1 a | 39 h | 8 c-e | 8 c-e |
| Sugg | 3839 b-d | 69 a | 5 c | 27 a-d | 54 d-f | 1 a | 49 b-g | 9 b-e | 9 b-e |
| 18-2-0108 | 3796 b-d | 67 a | 2 c | 30 ab | 50 ef | 1 a | 56 a-d | 8 c-e | 8 c-e |
| 18-2-0101 | 3785 b-d | 68 a | 1 c | 27 a-d | 55 c-f | 2 a | 51 a-g | 9 b-e | 9 b-e |
| IPG 464 | 3211 d | 67 a | 34 a | 20 c-f | 33 g | 2 a | 48 d-g | 7 e | 7 e |
| <i>LSD</i> _{0.05} | 790 | 7 | 5 | 8 | 9 | 2 | 8 | 2 | 2 |

Means within a column followed by the same lowercase letter are not significantly different according to Fisher's Least Significant Difference test at P = 0.05.
^a Total sound mature kernels.

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Pod yield, grade, and seed size distribution of three advanced Spanish peanut lines and four cultivars in Yoakum County, Texas in 2019.

| Entry | Pod Yield | TSMK ^a | Jumbo | No. 1 |
|----------------------------|-----------|-------------------|--------|-------|
| | lb / A | -----%----- | | |
| 16-3-1841 | 3304 a | 70 bc | 53 d | 19 a |
| AT-9899 | 3195 a | 72 ab | 56 cd | 20 a |
| 16-3-2247 | 2911 b | 72 a | 70 ab | 10 b |
| 16-3-2249 | 2911 b | 71 a-c | 69 a-c | 10 b |
| Tamnut OL06 | 2818 b | 67 d | 82 a | 8 b |
| ACI 236 | 2812 b | 71 a-c | 56 cd | 20 a |
| OLin | 2447 c | 69 c | 68 bc | 12 b |
| <i>LSD</i> _{0.05} | 267 | 2 | 13 | 6 |

Means within a column followed by the same lowercase letter are not significantly different according to Fisher's Least Significant Difference test at P = 0.05.

^a Total sound mature kernels.

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Pod yield, grade, and seed size distribution of thirty-two intermediate Spanish and early-maturing peanut lines and four cultivars in Yoakum County, Texas in 2019.

| Entry | Pod Yield | TSMK ^a | Jumbo | No. 1 |
|----------------------------|-----------|-------------------|--------|--------|
| | lb / A | -----%----- | | |
| 17-1-0605 | 3370 a | 72 a-d | 84 a | 5 o |
| 17-3-0601 | 3348 ab | 72 a-d | 64 b-g | 16 j-l |
| 17-3-0806 | 3255 a-c | 69 d-h | 52 f-i | 22 d-j |
| 17-3-0911 | 3217 a-d | 69 c-h | 57 e-h | 20 e-j |
| 17-3-0312 | 3135 a-e | 73 a-c | 39 i | 9 m-o |
| 17-1-0701 | 3129 a-e | 72 a-d | 79 ab | 8 m-o |
| 17-3-0101 | 3080 a-f | 69 d-h | 58 d-h | 17 h-l |
| 17-3-0303 | 3064 a-g | 71 a-g | 60 c-h | 17 i-l |
| 17-3-0505 | 3058 a-h | 72 a-d | 55 e-h | 24 b-g |
| 17-3-1001 | 3042 a-i | 70 a-g | 53 e-i | 22 c-i |
| 17-3-0307 | 3026 a-j | 71 a-g | 57 e-h | 18 g-k |
| 17-3-0801 | 3020 a-k | 70 a-g | 55 e-h | 21 d-j |
| 17-3-0103 | 3004 a-l | 69 c-h | 60 d-h | 14 k-m |
| 17-3-0710 | 2966 b-m | 71 a-f | 54 e-i | 23 c-h |
| 17-3-0212 | 2954 b-m | 68 e-h | 54 e-i | 19 f-k |
| 17-1-0613 | 2944 c-m | 73 a-c | 79 ab | 5 o |
| AT-9899 | 2900 c-n | 71 a-g | 56 e-h | 25 b-f |
| 17-3-0210 | 2900 c-n | 67 g-j | 52 f-i | 19 f-k |
| 17-3-0701 | 2823 d-n | 72 a-e | 52 f-i | 28 bc |
| 17-1-0711 | 2818 e-n | 68 f-i | 54 e-i | 13 k-m |
| 17-1-0714 | 2813 e-n | 54 k | 66 b-f | 17 h-l |
| 17-3-0704 | 2758 e-n | 70 a-g | 50 g-i | 27 b-d |
| 17-3-0311 | 2720 f-o | 71 a-g | 76 a-c | 5 o |
| 17-3-0703 | 2671 g-o | 72 a-d | 51 f-i | 30 b |
| ACI 236 | 2665 h-o | 74 a | 45 hi | 25 b-e |
| 17-3-0211 | 2654 i-o | 71 a-g | 56 e-h | 19 e-k |
| 17-3-0511 | 2643 j-o | 69 c-h | 73 a-d | 8 m-o |
| 17-3-0411 | 2627 k-o | 71 a-g | 55 e-h | 18 g-k |
| 17-3-0102 | 2611 l-o | 70 b-g | 56 e-h | 17 i-l |
| 17-3-0208 | 2610 l-o | 73 ab | 58 d-h | 22 d-j |
| 17-3-0104 | 2610 l-o | 71 a-f | 57 e-h | 14 k-m |
| 17-3-0702 | 2594 m-o | 71 a-g | 55 e-h | 24 b-g |
| 17-3-1403 | 2523 n-p | 69 d-h | 61 c-g | 25 b-f |
| Tamnut OL06 | 2365 op | 66 h-j | 68 a-e | 6 no |
| OLin | 2173 pq | 64 ij | 60 c-h | 12 l-n |
| 17-3-0206 | 1780 q | 64 j | 45 hi | 39 a |
| <i>LSD</i> _{0.05} | 397 | 3 | 15 | 6 |

Means within a column followed by the same lowercase letter are not significantly different according to Fisher's Least Significant Difference test at P = 0.05.

^a Total sound mature kernels.

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Pod yield, grade, and seed size distribution of thirty-eight preliminary Spanish and early-maturing runner peanut lines and four cultivars in Yoakum County, Texas in 2019.

| Entry | Pod Yield | TSMK ^a | Jumbo | No. 1 |
|-------------|-----------|-------------------|--------|--------|
| | lb / A | -----%----- | | |
| 18-1-0307 | 4107 a | 75 a-c | 53 b-g | 25 e-j |
| 18-1-0319 | 3932 ab | 69 f | 52 b-h | 31 b-e |
| 18-1-0314 | 3899 a-c | 74 a-c | 53 b-g | 27 d-i |
| 18-3-0802 | 3867 a-d | 75 ab | 53 b-g | 28 c-h |
| 18-3-0305 | 3851 a-d | 74 a-c | 49 b-i | 25 e-j |
| 18-3-0205 | 3834 a-d | 74 a-c | 57 bc | 24 e-j |
| 18-1-0213 | 3747 a-e | 74 a-d | 53 b-g | 25 e-j |
| 18-3-0501 | 3730 a-e | 74 a-d | 56 b-d | 22 g-k |
| 18-4-0412 | 3719 a-e | 72 c-f | 57 b | 25 e-j |
| 18-1-0811 | 3703 a-f | 74 a-c | 49 b-i | 30 b-f |
| 18-1-0416 | 3670 a-f | 74 a-c | 47 d-j | 35 bc |
| 18-3-0307 | 3659 a-g | 73 a-e | 57 b | 25 e-j |
| 18-1-0605 | 3654 a-h | 74 a-d | 50 b-i | 31 b-f |
| 18-1-0704 | 3654 a-h | 74 a-c | 48 c-i | 29 c-g |
| 18-1-0507 | 3648 a-i | 73 a-e | 49 b-i | 31 b-f |
| 18-3-0711 | 3637 a-j | 74 a-c | 52 b-i | 28 c-h |
| 18-3-0704 | 3626 a-j | 72 b-e | 44 h-j | 35 bc |
| 18-3-0401 | 3615 b-j | 73 a-e | 45 g-j | 33 b-d |
| 18-3-0605 | 3588 b-k | 74 a-d | 51 b-i | 28 c-h |
| 18-3-0702 | 3578 b-k | 74 a-c | 51 b-i | 29 c-g |
| 18-3-0504 | 3577 b-k | 74 a-d | 51 b-i | 25 e-j |
| 18-3-0604 | 3528 b-l | 73 a-e | 48 c-i | 29 c-g |
| 18-3-0302 | 3490 b-m | 73 a-e | 57 bc | 24 e-j |
| 18-1-0310 | 3484 b-m | 73 a-e | 54 b-f | 25 e-j |
| 18-3-0409 | 3430 c-m | 70 ef | 73 a | 10 lm |
| 18-1-0804 | 3402 d-m | 73 a-e | 43 ij | 34 b-d |
| 18-3-0212 | 3397 e-m | 76 a | 81 a | 7 m |
| 18-3-0509 | 3337 e-m | 71 d-f | 39 j | 37 b |
| AT-9899 | 3326 e-m | 73 a-e | 51 b-i | 27 d-i |
| 18-3-0103 | 3228 f-n | 74 a-d | 56 b-d | 16 kl |
| 18-3-0502 | 3222 f-o | 74 a-d | 47 d-j | 34 b-d |
| Tamnut OL06 | 3179 g-o | 69 f | 73 a | 10 lm |
| 18-3-0102 | 3168 h-o | 73 a-e | 55 b-e | 19 jk |
| ACI 236 | 3162 i-o | 75 ab | 53 b-g | 20 i-k |
| 18-3-0410 | 3157 j-o | 74 a-c | 47 e-j | 33 b-d |
| 18-1-0104 | 3113 k-o | 75 ab | 46 f-j | 28 c-h |
| 18-3-0311 | 3064 l-o | 73 a-e | 51 b-i | 29 c-g |
| 18-3-0301 | 3026 m-o | 75 ab | 77 a | 8 m |
| 18-3-0505 | 2747 n-p | 74 a-d | 54 b-g | 23 f-k |
| OLin | 2736 op | 70 ef | 54 b-f | 21 h-k |
| 18-3-0608 | 2534 p | 73 a-e | 50 b-i | 22 g-k |

| | | | | |
|----------------------------|--------|--------|------|------|
| 18-3-0201 | 2534 p | 71 d-f | 18 k | 58 a |
| 18-3-0111 | 344 q | 54 g | 0 l | 57 a |
| <i>LSD</i> _{0.05} | 488 | 3 | 8 | 7 |

Means within a column followed by the same lowercase letter are not significantly different according to Fisher's Least Significant Difference test at P = 0.05.

^a Total sound mature kernels.

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Pod yield, grade, and seed size distribution of nine advanced runner peanut lines and eight cultivars in Yoakum County, Texas in 2019.

| Entry | Pod Yield | TSMK ^a | Jumbo | Medium | No. 1 |
|----------------------------|-----------|-------------------|--------|--------|--------|
| | lb / A | -----% | | | |
| 16-1-2053 | 3562 a | 74 a | 45 c | 37 f-h | 7 g |
| IPG QR-14 | 3551 a | 72 a-d | 9 k | 65 a | 13 bc |
| ACI 883 | 3520 ab | 72 a-d | 20 hi | 56 bc | 10 c-f |
| 16-1-1949 | 3498 a-c | 73 ab | 46 c | 37 f-h | 7 g |
| 16-2-2153 | 3482 a-c | 67 g | 39 d | 39 fg | 9 d-g |
| 08-1-0016 | 3424 a-d | 70 c-g | 16 ij | 60 ab | 10 d-g |
| TUFRunner 297 | 3387 a-d | 72 a-e | 55 a | 24 i | 7 fg |
| 16-1-2142 | 3344 a-e | 74 a | 50 a-c | 35 gh | 7 fg |
| ACI 789 | 3312 a-e | 71 a-e | 35 de | 39 fg | 7 g |
| 16-1-2147 | 3296 a-e | 71 a-e | 45 c | 34 h | 9 e-g |
| Georgia-09B | 3238 a-f | 70 b-f | 26 fg | 53 cd | 9 d-g |
| IPG 914 | 3217 a-f | 69 d-g | 39 d | 41 f | 8 e-g |
| 16-1-2157 | 3068 b-f | 69 e-g | 24 gh | 50 de | 11 b-e |
| IPG 568 | 3052 b-f | 73 a-c | 16 ij | 57 bc | 14 ab |
| Tamrun OL11 | 3026 c-f | 72 a-d | 22 gh | 50 de | 17 a |
| 16-1-2064 | 2999 d-f | 73 ab | 49 bc | 35 gh | 7 fg |
| TUFRunner 727 | 2967 d-f | 70 c-g | 30 ef | 47 e | 11 b-e |
| 16-1-2245 | 2872 ef | 70 b-f | 30 ef | 49 de | 8 e-g |
| 16-1-2154 | 2819 f | 67 fg | 54 ab | 26 i | 7 fg |
| IPG 392 | 2797 f | 71 a-e | 11 jk | 64 a | 12 b-d |
| <i>LSD</i> _{0.05} | 474 | 3 | 5 | 5 | 3 |

Means within a column followed by the same lowercase letter are not significantly different according to Fisher's Least Significant Difference test at P = 0.05.

^a Total sound mature kernels.

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Pod yield, grade, and seed size distribution of twenty intermediate runner peanut lines and ten cultivars in Yoakum County, Texas in 2019.

| Entry | Pod Yield | TSMK ^a | Jumbo | Medium | No. 1 |
|----------------------------|-----------|-------------------|--------|--------|--------|
| | lb / A | -----% | | | |
| 17-1-0517 | 3774 a | 72 b-e | 52 ab | 33 h-k | 6 hi |
| ACI 789 | 3572 ab | 70 b-f | 37 d-g | 39 e-h | 6 hi |
| 17-1-0417 | 3567 a-c | 75 ab | 54 a | 32 i-k | 6 hi |
| Georgia-09B | 3413 a-d | 73 a-d | 25 j-l | 55 bc | 7 f-i |
| TUFRunner 727 | 3413 a-d | 77 a | 35 f-i | 42 e-g | 8 c-i |
| Tamrun OL11 | 3392 a-e | 72 a-e | 27 i-k | 49 cd | 12 bc |
| TUFRunner 297 | 3387 a-e | 74 a-d | 47 a-c | 28 k | 8 d-i |
| 17-1-0516 | 3381 a-e | 70 c-g | 36 e-h | 42 ef | 8 d-i |
| 17-1-0212 | 3360 a-e | 73 a-d | 47 a-c | 36 f-i | 7 e-i |
| 17-1-0317 | 3350 b-e | 74 a-d | 41 c-f | 43 de | 7 e-i |
| 17-1-0712 | 3297 b-f | 66 f-h | 44 b-e | 35 g-j | 7 e-i |
| 17-1-0129 | 3275 b-f | 74 a-c | 45 b-d | 38 e-i | 6 g-i |
| 08-1-0016 | 3265 b-g | 70 c-g | 17 lm | 58 ab | 10 b-g |
| 17-1-0135 | 3249 b-g | 74 a-d | 48 a-c | 38 e-i | 6 hi |
| ACI 883 | 3238 b-g | 69 d-g | 15 m | 55 bc | 13 ab |
| IPG 392 | 3217 b-h | 71 b-e | 12 mn | 62 a | 11 b-e |
| IPG QR-14 | 3212 b-h | 71 b-e | 5 n | 56 ab | 16 a |
| 17-1-0207 | 3206 b-h | 60 i | 50 ab | 26 k | 8 d-i |
| 17-1-0413 | 3190 b-h | 72 a-e | 45 b-d | 37 e-i | 5 i |
| IPG 914 | 3174 b-h | 70 c-g | 33 f-i | 40 e-g | 10 b-g |
| 17-1-0305 | 3169 b-h | 75 ab | 48 a-c | 37 e-i | 5 i |
| 17-1-0709 | 3159 b-h | 62 hi | 45 b-d | 29 jk | 8 d-i |
| 17-1-0504 | 3148 c-h | 72 b-e | 25 j-l | 55 bc | 8 c-i |
| 17-1-0502 | 3063 d-h | 71 b-e | 19 k-m | 60 ab | 9 b-h |
| 17-1-0335 | 2978 e-h | 73 a-d | 50 ab | 35 g-j | 6 hi |
| IPG 568 | 2914 f-h | 73 a-d | 17 lm | 61 ab | 10 b-f |
| 17-1-0226 | 2850 g-i | 65 gh | 28 h-j | 49 cd | 11 b-d |
| 17-1-0405 | 2813 hi | 73 a-d | 46 a-c | 32 i-k | 7 e-i |
| 17-1-0518 | 2803 hi | 71 b-e | 41 c-f | 41 e-g | 7 f-i |
| 17-1-0125 | 2484 i | 68 e-g | 30 g-j | 43 de | 10 b-f |
| <i>LSD</i> _{0.05} | 423 | 4 | 8 | 6 | 3 |

Means within a column followed by the same lowercase letter are not significantly different according to Fisher's Least Significant Difference test at P = 0.05.

^a Total sound mature kernels.

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Pod yield, grade, and seed size distribution of fifteen preliminary runner peanut lines and ten cultivars in Yoakum County, Texas in 2019.

| Entry | Pod Yield | TSMK ^a | Jumbo | Medium | No. 1 |
|---------------------------|------------|-------------------|-----------|----------|----------|
| | lb / A | -----% | | | |
| 18-1-0909 | 3939 a | 69 d-f | 53 ab | 24 hi | 12 c-e |
| 08-1-0016 | 3917 ab | 70 b-f | 17 f-j | 58 a-c | 12 c-e |
| TUFRunner 297 | 3679 a-c | 73 ab | 55 ab | 26 h | 6 g |
| 18-1-0215 | 3604 b-d | 69 d-f | 58 a | 21 hi | 8 fg |
| 18-1-0210 | 3583 c-e | 68 ef | 43 bc | 40 fg | 6 g |
| 18-1-0503 | 3583 c-e | 71 a-e | 2 k | 61 ab | 23 a |
| 18-1-0911 | 3504 c-f | 74 a | 37 c-e | 49 e | 8 fg |
| ACI 883 | 3493 c-f | 71 a-e | 14 g-k | 60 ab | 12 c-e |
| Georgia-09B | 3445 c-g | 72 a-d | 28 d-f | 53 c-e | 9 fg |
| IPG QR-14 | 3392 c-h | 71 a-e | 5 jk | 63 a | 18 b |
| Tamrun OL11 | 3392 c-h | 73 a-c | 23 f-h | 55 b-d | 13 cd |
| IPG 914 | 3365 c-i | 70 b-f | 37 c-e | 39 fg | 10 d-f |
| ACI 789 | 3344 d-i | 69 d-f | 20 f-i | 42 f | 8 fg |
| IPG 392 | 3334 d-i | 71 a-e | 9 i-k | 64 a | 13 cd |
| 18-1-1001 | 3323 d-j | 73 a-c | 27 d-g | 51 de | 10 ef |
| 18-1-1016 | 3318 d-j | 67 f | 20 f-i | 51 de | 11 c-f |
| IPG 568 | 3275 e-k | 72 a-e | 12 h-k | 62 a | 14 c |
| 18-1-1008 | 3264 e-k | 73 a-c | 22 f-i | 50 de | 10 d-f |
| 18-1-1003 | 3185 f-l | 72 a-e | 21 f-i | 53 c-e | 13 cd |
| 18-1-0216 | 3137 g-l | 69 c-f | 58 a | 19 i | 8 fg |
| 18-1-0913 | 3116 h-l | 73 ab | 25 e-g | 49 e | 13 cd |
| TUFRunner 727 | 3057 i-l | 72 a-d | 40 cd | 41 fg | 9 fg |
| 18-1-0715 | 2999 j-l | 72 a-e | 43 bc | 35 g | 9 fg |
| 18-1-1103 | 2978 kl | 73 a-c | 21 f-i | 52 c-e | 11 c-f |
| 18-1-0206 | 2893 l | 71 a-e | 43 bc | 37 fg | 9 e-g |
| <i>LSD_{0.05}</i> | <i>327</i> | <i>3</i> | <i>13</i> | <i>6</i> | <i>3</i> |

Means within a column followed by the same lowercase letter are not significantly different according to Fisher's Least Significant Difference test at P = 0.05.

^a Total sound mature kernels.

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Pod yield, grade, and seed size distribution of seven advanced Valencia peanut lines and three cultivars in Yoakum County, Texas in 2019.

| Entry | Pod Yield | TSMK ^a | Jumbo | Medium | No. 1 |
|----------------------------|-----------|-------------------|-------|--------|-------|
| | lb / A | -----% | | | |
| 16-4-2362 | 3080 a | 67 cd | 34 c | 45 b | 6 de |
| IPG 1288 | 3075 a | 74 a | 44 b | 37 cd | 5 de |
| 16-4-2511 | 2938 a | 64 e | 22 d | 60 a | 9 c |
| IPG 274 | 2916 a | 74 a | 41 b | 39 c | 4 e |
| 10-4-0045 | 2763 ab | 65 de | 31 c | 46 b | 7 cd |
| 16-4-2462 | 2720 ab | 71 b | 32 c | 34 cd | 6 de |
| 16-4-2456 | 2676 ab | 74 a | 33 c | 46 b | 4 e |
| 16-4-2458 | 2370 b | 70 b | 49 a | 33 d | 7 c-e |
| Valencia C | 1764 c | 67 cd | 1 e | 63 a | 27 b |
| 16-4-1019 | 1491 c | 68 c | 0 e | 37 cd | 52 a |
| <i>LSD</i> _{0.05} | 536 | 2 | 4 | 5 | 2 |

Means within a column followed by the same lowercase letter are not significantly different according to Fisher's Least Significant Difference test at P = 0.05.

^a Total sound mature kernels.

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Pod yield, grade, and seed size distribution of twenty-five intermediate Valencia peanut lines and three cultivars in Yoakum County, Texas in 2019.

| Entry | Pod Yield | TSMK ^a | Jumbo | Medium | No. 1 |
|----------------------------|-----------|-------------------|-------|--------|-------|
| | lb / A | -----% | | | |
| 17-4-1910 | 3195 a | 72 cd | 55 a | 25 j | 4 j |
| 17-4-2008 | 3135 ab | 73 b-d | 46 cd | 37 d-g | 5 ij |
| 17-4-1512 | 2982 a-c | 65 h | 9 h | 63 a | 11 h |
| 17-4-1611 | 2971 a-c | 71 de | 54 ab | 32 f-j | 4 j |
| 10-4-0045 | 2889 a-d | 67 gh | 31 e | 47 b | 7 h-j |
| IPG 274 | 2846 b-d | 75 a | 45 cd | 38 c-g | 4 j |
| 17-4-2103 | 2834 b-d | 66 gh | 44 d | 33 e-i | 7 h-j |
| IPG 1288 | 2823 b-d | 72 b-d | 44 cd | 33 e-i | 5 ij |
| 17-4-2301 | 2807 b-d | 69 ef | 49 bc | 28 ij | 5 ij |
| 17-4-2306 | 2774 cd | 74 a-c | 44 cd | 40 c-e | 5 ij |
| 17-4-1812 | 2763 cd | 74 a-c | 43 d | 39 c-f | 5 ij |
| 17-4-0404 | 2731 cd | 71 de | 24 f | 56 a | 9 hi |
| 17-4-2002 | 2725 cd | 69 ef | 52 ab | 28 ij | 5 ij |
| 17-4-1709 | 2703 cd | 57 i | 18 g | 45 bc | 18 g |
| 17-4-2007 | 2681 cd | 73 b-d | 43 d | 34 e-i | 5 ij |
| 17-4-1604 | 2556 d | 74 ab | 46 cd | 36 e-h | 4 j |
| 17-4-0506 | 1818 e | 67 fg | 0 i | 44 b-d | 45 d |
| 17-4-0905 | 1709 ef | 67 fg | 0 i | 33 e-i | 54 b |
| Valencia C | 1693 ef | 67 fg | 1 i | 60 a | 30 f |
| 17-4-0103 | 1693 ef | 58 i | 4 i | 47 b | 22 g |
| 17-4-0505 | 1638 e-g | 67 fg | 0 i | 38 c-f | 49 cd |
| 17-4-1311 | 1606 e-g | 67 fg | 0 i | 31 g-j | 55 ab |
| 17-4-0410 | 1606 e-g | 59 i | 0 i | 40 c-e | 38 e |
| 17-4-0703 | 1534 e-g | 68 fg | 0 i | 29 h-j | 59 a |
| 17-4-0504 | 1529 e-g | 67 fg | 0 i | 35 e-i | 52 bc |
| 17-4-0902 | 1485 e-g | 67 fg | 0 i | 39 c-e | 48 cd |
| 17-4-1113 | 1431 fg | 68 fg | 0 i | 35 e-i | 52 bc |
| 17-4-0602 | 1300 g | 65 h | 0 i | 39 c-e | 46 d |
| <i>LSD</i> _{0.05} | 339 | 2 | 5 | 7 | 4 |

Means within a column followed by the same lowercase letter are not significantly different according to Fisher's Least Significant Difference test at P = 0.05.

^a Total sound mature kernels.

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Pod yield, grade, and seed size distribution of twenty-five preliminary Valencia peanut lines and three cultivars in Yoakum County, Texas in 2019.

| Entry | Pod Yield | TSMK ^a | Jumbo | Medium | No. 1 |
|----------------------------|-----------|-------------------|-------|--------|--------|
| | lb / A | -----% | | | |
| 18-4-2403 | 3348 a | 72 ab | 53 a | 27 k | 4 k |
| 18-4-2701 | 3337 a | 66 de | 31 c | 45 c-e | 9 h-j |
| 18-4-2302 | 3042 ab | 67 c-e | 29 cd | 50 bc | 9 hi |
| IPG 1288 | 3020 ab | 73 a | 41 b | 40 e-i | 4 k |
| 18-4-2510 | 3020 ab | 68 b-e | 42 b | 34 ij | 5 jk |
| IPG 274 | 2982 b | 73 a | 40 b | 39 f-i | 6 i-k |
| 10-4-0045 | 2796 bc | 65 ef | 26 d | 45 c-e | 8 h-k |
| 18-4-2303 | 2736 bc | 73 a | 39 b | 42 f-g | 6 i-k |
| 18-4-2005 | 2561 cd | 54 h | 9 e | 47 cd | 21 g |
| 18-4-2004 | 2534 cd | 71 a-c | 38 b | 39 f-i | 7 i-k |
| 18-4-2804 | 2381 de | 70 a-d | 33 c | 45 c-f | 11 h |
| 18-4-2707 | 2163 e | 59 gh | 0 f | 59 a | 20 g |
| 18-4-0605 | 1693 f | 61 fg | 0 f | 24 k | 63 ab |
| 18-4-0609 | 1687 f | 66 de | 0 f | 29 jk | 60 ab |
| 18-4-0604 | 1617 fg | 66 de | 0 f | 26 k | 61 ab |
| 18-4-0606 | 1617 fg | 66 de | 0 f | 24 k | 64 a |
| 18-4-0205 | 1562 fg | 66 de | 0 f | 36 hi | 49 c |
| 18-4-0101 | 1458 fg | 66 de | 0 f | 27 k | 59 b |
| 18-4-0509 | 1452 fg | 65 ef | 0 f | 35 hi | 49 cd |
| 18-4-0401 | 1436 fg | 63 e-g | 0 f | 40 e-h | 42 e |
| Valencia C | 1425 f-h | 63 e-g | 0 f | 54 ab | 31 f |
| 18-4-0310 | 1398 f-h | 64 ef | 0 f | 36 hi | 47 cd |
| 18-4-0110 | 1327 gh | 64 ef | 0 f | 38 g-i | 46 c-e |
| 18-4-0306 | 1087 h | 65 ef | 0 f | 38 g-i | 45 de |
| <i>LSD</i> _{0.05} | 347 | 4 | 4 | 5 | 4 |

Means within a column followed by the same lowercase letter are not significantly different according to Fisher's Least Significant Difference test at P = 0.05.

^a Total sound mature kernels.

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Pod yield, emergent and final plant stands, and canopy coverage of six advanced peanut breeding lines and twelve cultivars in a certified-organic field location near Seminole, Texas in 2019.

| Entry | Market Type | Pod Yield ^a | 7-Day Stand | 14-Day Stand | 21-Day Stand | 28-Day Stand | Emergent Stand AUPC | 28-Day Canopy Coverage | Final Stand |
|---------------------------|-------------|------------------------|--------------------------|--------------|--------------|--------------|---------------------|------------------------|----------------|
| | | lb / A | -----no. / row foot----- | | | | AUPC ^b | % | no. / row foot |
| 08-1-0016 | Run | 5104 a | 0.1 b-d | 3.2 cd | 4.1 a-c | 4.6 ab | 9.7 bc | 4.6 d-f | 4.8 a-c |
| IPG 914 | Run | 4736 ab | 0.1 b-d | 1.8 f | 2.5 gh | 2.9 fg | 5.9 ij | 2.0 gh | 4.0 c-e |
| 15-3-3628 | Span | 4689 ab | 0.4 b | 4.1 ab | 3.9 b-d | 4.9 a | 10.7 b | 9.4 ab | 4.6 a-e |
| IPG 4944 | Run | 4572 a-c | 0.4 b | 4.0 ab | 4.3 ab | 4.9 a | 10.8 b | 7.6 bc | 5.0 ab |
| IPG 464 | Virg | 4553 a-c | 0.3 bc | 2.6 de | 2.8 fg | 2.9 fg | 7.0 gh | 7.5 bc | 3.7 e-g |
| 15-3-3607 | Span | 4542 a-c | 0.1 b-d | 2.6 e | 3.6 c-e | 4.3 a-c | 8.4 d-f | 3.8 d-g | 4.3 a-e |
| IPG QR-14 | Run | 4397 a-c | 0.1 b-d | 3.2 cd | 3.6 c-e | 4.1 bc | 9.0 cd | 4.5 d-f | 4.7 a-d |
| 13-1-0256 | Run | 4177 a-d | 0.0 cd | 2.4 e | 3.3 ef | 3.7 c-e | 7.5 e-g | 2.7 f-h | 4.1 b-e |
| AT-9899 | Span | 4097 a-d | 0.2 b-d | 2.7 de | 2.8 fg | 3.2 ef | 7.3 f-h | 2.9 f-h | 4.2 b-e |
| ACI 442 | Virg | 3942 b-d | 0.0 d | 1.1 g | 1.4 i | 1.8 h | 3.5 k | 0.9 h | 2.8 g |
| Florida Fancy | Virg | 3922 b-d | 0.1 b-d | 1.8 f | 2.7 g | 3.4 d-f | 6.3 hi | 3.7 e-g | 3.0 fg |
| IPG 1288 | Val | 3735 b-d | 0.1 b-d | 3.1 d | 3.4 e | 3.9 c-e | 8.5 de | 5.8 cd | 4.1 b-e |
| 08-1-0568 | Run | 3525 cd | 0.1 b-d | 2.9 de | 3.4 de | 3.9 c-e | 8.3 d-f | 3.7 e-g | 3.8 d-f |
| Tamnut OL06 | Span | 3524 cd | 0.2 b-d | 3.1 d | 3.6 de | 4.0 cd | 8.8 cd | 5.7 c-e | 4.3 a-e |
| ACI 236 | Span | 3308 de | 0.3 bc | 3.7 bc | 3.9 b-d | 4.3 a-c | 9.9 bc | 4.0 d-g | 4.0 c-e |
| IPG 274 | Val | 2410 e | 0.1 b-d | 1.4 fg | 2.1 h | 2.5 gh | 4.8 j | 1.1 h | 3.0 fg |
| Valencia C | Val | 1120 f | 3.1 a | 4.3 a | 4.5 a | 4.7 ab | 12.7 a | 11.3 a | 5.2 a |
| <i>LSD_{0.05}</i> | | <i>1067</i> | <i>0.3</i> | <i>0.5</i> | <i>0.5</i> | <i>0.6</i> | <i>1.1</i> | <i>2.0</i> | <i>0.9</i> |

Means within column followed by the same letter are not different according to Fisher's Least Significant Difference test at P = 0.05.

^a Standardized at 7% moisture.

^b Area under the emergent plant stand progress curve.

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