

**2023 state-wide peanut variety trial**

Central Texas Comanche  
 Cooperator Todd Denman  
 Planted on 5/16/2023  
 Dug on 10/6/2023  
 Harvested on 10/12/2023  
 Disease: Low disease pressure

TSMK: Total Sound Mature Kernels  
 DK: Damaged kernels  
 OK: Other kernels

143 DAP

The trial was dug a little early

| Comanche               |         | 2023  | 2-Yr Avg | 3-Yr-Avg | TSMK   | DK   | OK     |
|------------------------|---------|-------|----------|----------|--------|------|--------|
| RUNNER                 | Release | Yield | Yield    | Yield    | %      | %    | %      |
| <i>Tx144370</i>        | TAMU    | 6227  | 6612     | 5909     | 72     | 0.3  | 3.2    |
| <b>TxL100212-03-03</b> | TAMU    | 6071  | -        | -        | 70     | 0.1  | 3.4    |
| <b>GA16HO</b>          | GA      | 6059  | 6809     | 5608     | 73     | 0.1  | 2.1    |
| <b>NemaTAMII</b>       | TAMU    | 5916  | 6795     | 5829     | 70     | 0.3  | 3.1    |
| <b>GA09B</b>           | GA      | 5855  | 6984     | 5650     | 70     | 0.2  | 3.6    |
| <b>AG18</b>            | TAMU    | 5487  | 6442     | 5833     | 67     | 0.1  | 5.1    |
| <b>31-08-05-03</b>     | TAMU    | 5143  | -        | -        | 67     | 0    | 5.1    |
| Means                  |         | 5823  | 6728     | 5766     | 70     | 0.16 | 3.7    |
| CV                     |         | 18    | 8        | 7        | 3      | 98   | 26     |
| P0.1                   |         | NS    | NS       | NS       | 0.0162 | NS   | 0.0136 |

Highlighted values are significantly same as the highest value at P<0.1

| Comanche      |          | 2023  | 2-Yr Avg | 3-Yr-Avg | TSMK   | DK   | OK    |
|---------------|----------|-------|----------|----------|--------|------|-------|
| SPANISH       | Release  | Yield | Yield    | Yield    | %      | %    | %     |
| <b>Span17</b> | ACI      | 5529  | 6203     | 5302     | 71     | 0.1  | 2.7   |
| <b>AT9899</b> | AgraTech | 4694  | 5696     | 5027     | 67     | 0    | 3.8   |
| Means         |          | 5112  | 5950     | 5165     | 69     | 0.05 | 3.25  |
| CV            |          | 26    | 9        | 10       | 2      | 141  | 14    |
| P0.1          |          | NS    | NS       | NS       | 0.0226 | NS   | 0.042 |

Highlighted values are significantly same as the highest value at P<0.1

| Comanche       |         | 2023  | 2-Yr Avg | 3-Yr-Avg | TSMK | DK  | OK  |
|----------------|---------|-------|----------|----------|------|-----|-----|
| VIRGINIA       | Release | Yield | Yield    | Yield    | %    | %   | %   |
| <b>ACI 442</b> | ACI     | 5492  | 6147     | 5719     | 64   | 0.1 | 3.1 |
| Means          |         | 5492  | 6147     | 5719     | 64   | 0.1 | 3.1 |
| CV             |         | -     | -        | -        | -    | -   | -   |
| P0.1           |         | -     | -        | -        | -    | -   | -   |