**In-furrow tank mixes effect on peanut yield (Tables)**

**Table 1**. Inoculant (Optimize Lift) and tank mix effects on yield and nodulation of peanuts planted on a drought- stressed deep sand with no peanut history and limited cropping history. Blackville, SC 2015.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Treatment | Rate | Unit | Yield | Green Score | Taproot nodules | Emerged Plants/m |
|  |  |
|   |   |   | Lb/ac | 70 DAP | 50 DAP | 13 DAP |
| Check (Water) |   |   | 1429 | c | 3.1 | b | 0.2 | c | 12.6 | - |
| Optimize Lift | 14 | fl oz/a | 1840 | bc | 3.9 | ab | 2.2 | c | 9.5 | - |
| Quick Sol | 14 | fl oz/a |   |   |   |   |   |   |   |   |
| Optimize Lift | 14 | fl oz/a | 2463 | a | 4.5 | a | 6.5 | a |  |   |
| Generic  Imidacloprid | 12 | fl oz/a |   |   |   |   |   |   |   |   |
| Optimize Lift | 14 | fl oz/a | 2225 | ab | 4 | a | 8.2 | a | 11 | - |
| Admire Pro | 10.5 | fl oz/a |   |   |   |   |   |   |   |   |
| Optimize Lift | 14 | fl oz/a | 2705 | a | 4.2 | a | 8.7 | a | 11 | - |
| Velum Total | 18 | fl oz/a |   |   |   |   |   |   |   |   |
| Optimize Lift | 14 | fl oz/a | 2112 | ab | 4.2 | a | 6 | ab | 8.1 | - |
| Optimize Lift | 14 | fl oz/a | 2705 | a | 4.2 | a | 3.2 | bc |  |   |
| Humi Gro | 5 | % v/v |   |   |   |   |   |   |   |   |

**Table 2**. The summary of inoculant (Optimize Lift) and tank mix effects on yield and nodulation of peanuts planted at Blackville, SC 2017.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **In-furrow treatment** | **TSW** |  | **Yield (lb/A) (not significant)** | **Taproot nodules Jul 6** |  | **Taproot nodules Jul 26** |  | **Stand/ft 7 DAP** | **Stand/ft 9 DAP** | **Stand/ft 14 DAP** |
| Check (Water) | 0.2 | B | 2750 | 5 | F | 7 | E | 1.6 | 3.4 | 3.4 |
| Exceed | 0.2 | B | 3038 | 41 | A | 56 | A | 1.6 | 3.0 | 3.0 |
| Optimize Lift | 0.2 | B | 2950 | 14 | E | 28 | C | 1.5 | 3.3 | 3.3 |
| Optimize Lift\_Admire | 0.4 | A | 3144 | 7 | F | 9 | E | 1.4 | 3.2 | 3.2 |
| Optimize Lift\_polymer | 0.2 | B | 2940 | 26 | BC | 37 | BC | 1.3 | 3.6 | 3.6 |
| Optimize Lift\_Proline | 0.1 | B | 3097 | 33 | AB | 41 | AB | 0.9 | 2.9 | 2.9 |
| Optimize Lift\_Velum | 0.3 | A | 2815 | 6 | F | 8 | E | 1.3 | 3.1 | 3.1 |
| Primo GX2 | 0.2 | B | 3048 | 16 | DE | 19 | D | 1.2 | 3.2 | 3.2 |
| Primo power CL | 0.2 | B | 3015 | 22 | CD | 35 | BC | 1.4 | 3.5 | 3.5 |
| TagTeam | 0.2 | B | 2787 | 16 | DE | 31 | BC | 1.2 | 3.1 | 3.1 |
| Vault | 0.1 | B | 3132 | 26 | BC | 40 | BC | 1.6 | 3.2 | 3.2 |
| Vault SP | 0.2 | B | 3007 | 11 | E | 14 | D | 1.1 | 4.0 | 4.0 |