Soybean genotypes with yield and seed oil comparable to check cultivars, and seed protein superior to check cultivars.

|  |  | **Protein** | | | | **Yield** | | | | **Oil** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Genotype** | **Test Name** | **Value** | **Rank** | **Test Average** | **Check Average** | **Value** | **Rank** | **Test Average** | **Check Average** | **Value** | **Rank** | **Test Average** | **Check Average** |
| N18-1635 | Jay Test 1 | 43.61 (106.5%) | 16 | 45.09 | 40.94 | 46.45 (103.1%) | 4 | 42.92 | 45.05 | 21.72 (96.7%) | 3 | 20.89 | 22.45 |
| N18-1783 | Jay Test 2 | 46.74 (109.3%) | 8 | 45.7 | 42.77 | 37.63 (86.6%) | 19 | 43.65 | 43.44 | 20.63 (96.5%) | 11 | 20.7 | 21.37 |
| N18-1627 | 45.9 (107.3%) | 9 | 46.01 (105.9%) | 8 | 20.62 (96.5%) | 12 |
| N18-1643 | 44.35 (103.7%) | 13 | 40.54 (93.3%) | 16 | 21.45 (100.4%) | 7 |
| aThe genotype name. | | | | | | | | | | | | | |
| bThe test name | | | | | | | | | | | | | |
| cThe genotype marginal mean for the phenotype (value divided by check average). | | | | | | | | | | | | | |
| dThe ranking of this genotype for the phenotype within its test. | | | | | | | | | | | | | |
| eThe average phenotype value for all genotypes in the test. | | | | | | | | | | | | | |
| fThe average value of the checks in the test. | | | | | | | | | | | | | |