MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND
FORESTRY EXPERIMENT STATION

## Summary of Yield for Group IV Early XtendFlex for the 2026 Mississippi Soybean Variety Trials.

| Brand | Variety | Brooksville | Clarksdale | Longwood | Stoneville | Stoneville | Irr. | Brooksville | Olive Branch | Raymond | Stoneville | Tippo | Verona | Non-Irr. | Overall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Irr. | Irr. | Irr. | Irr. | Irr. | average | Non-Irr. | Non-Irr. | Non-Irr. | Non-Irr. | Non-Irr. | Non-Irr. | average | average |
| | | (clay) | (clay) | (clay) | (loam) | (clay) | | (clay) | (loam) | (loam) | (loam) | (loam) | (clay) | | |
| | | *bu/A* | *bu/A* | *bu/A* | *bu/A* | *bu/A* | *bu/A* | *bu/A* | *bu/A* | *bu/A* | *bu/A* | *bu/A* | *bu/A* | *bu/A* | *bu/A* |
| Armor | 41-F65S | 77.5 | 86.7 | 80.7 | 52.5 | 56.6 | 70.8 | 28.1 | 52.6 | 45.7 | 23.0 | 63.6 | 75.2 | 48.0 | 58.4 |
| Armor | 45-F86S | 84.5 | 84.3 | 102.1 | 47.0 | 59.6 | 75.5 | 38.4 | 72.6 | 81.3 | 33.0 | 64.2 | 90.0 | 63.3 | 68.8 |
| Armor | 46-F15S | 81.2 | 83.4 | 102.1 | 56.6 | 59.9 | 76.6 | 46.4 | 69.7 | 75.6 | 38.2 | 64.3 | 87.5 | 63.6 | 69.5 |
| Asgrow | AG41XF6 | 89.0 | 85.3 | 88.9 | 62.3 | 65.0 | 78.1 | 49.9 | 76.3 | 55.8 | 41.2 | 64.5 | 110.1 | 66.3 | 71.6 |
| Asgrow | AG43XF5 | 87.0 | 91.9 | 102.7 | 54.1 | 61.9 | 79.5 | 45.4 | 79.6 | 69.0 | 42.1 | 61.4 | 109.5 | 67.8 | 73.1 |
| Beck's Hybrids | 4661XF | 79.2 | 78.2 | 91.2 | 48.2 | 53.7 | 70.1 | 42.5 | 63.9 | 85.6 | 39.1 | 61.2 | 78.9 | 61.8 | 65.6 |
| DONMARIO Seeds | DM46F76S | 89.8 | 89.4 | 103.0 | 58.9 | 56.4 | 79.5 | 49.9 | 82.2 | 88.1 | 32.7 | 68.1 | 102.9 | 70.7 | 74.7 |
| Dyna-Gro | S43XF85S | 75.5 | 85.4 | 106.6 | 52.6 | 60.8 | 76.2 | 38.5 | 65.4 | 84.6 | 40.4 | 68.5 | 94.7 | 65.3 | 70.3 |
| Dyna-Gro | S45XF47S | 86.3 | 85.5 | 89.5 | 53.5 | 58.9 | 74.7 | 46.2 | 75.2 | 75.2 | 24.2 | 63.9 | 96.9 | 63.6 | 68.7 |
| Dyna-Gro | S46XF26S | 80.1 | 85.5 | 100.5 | 50.2 | 55.7 | 74.4 | 51.6 | 69.5 | 90.7 | 37.8 | 72.6 | 93.2 | 69.2 | 71.6 |
| Gateway | 441XFS | 91.6 | 92.0 | 100.4 | 44.5 | 58.7 | 77.4 | 45.3 | 77.1 | 69.1 | 29.8 | 62.4 | 99.2 | 63.8 | 70.0 |
| Gateway Seed | 457XFS | 80.7 | 85.4 | 98.3 | 48.7 | 56.0 | 73.8 | 37.3 | 69.7 | 97.0 | 44.4 | 68.4 | 90.2 | 67.8 | 70.5 |
| Great Heart Seed | GT-4460XF | 91.2 | 86.9 | 91.0 | 46.3 | 63.3 | 75.7 | 44.7 | 76.8 | 74.8 | 38.3 | 64.6 | 98.1 | 66.2 | 70.6 |
| Great Heart Seed | GT-4632XFS | 94.3 | 90.7 | 93.7 | 51.4 | 64.8 | 79.0 | 40.3 | 77.4 | 89.8 | 43.0 | 56.8 | 108.1 | 69.2 | 73.7 |
| Innvictis | A4642XF | 85.8 | 82.7 | 94.2 | 40.0 | 50.2 | 70.6 | 36.7 | 55.7 | 94.7 | 35.2 | 62.4 | 77.8 | 60.4 | 65.0 |
| Innvictis | A4646XFS | 92.7 | 86.7 | 103.7 | 53.0 | 56.5 | 78.5 | 38.8 | 86.4 | 90.5 | 37.9 | 63.5 | 96.4 | 68.9 | 73.3 |
| Innvictis | A 4111XFS | 84.7 | 77.6 | 90.1 | 50.7 | 56.7 | 71.9 | 35.7 | 69.8 | 69.5 | 31.8 | 57.6 | 82.8 | 57.9 | 64.3 |
| Integra | XF4454S | 80.8 | 89.6 | 88.6 | 55.8 | 59.5 | 74.8 | 37.3 | 77.5 | 74.7 | 35.7 | 54.2 | 86.1 | 60.9 | 67.2 |
| NK | NK42-Y2XFS | 72.7 | 85.3 | 94.8 | 53.5 | 63.9 | 74.0 | 19.6 | 66.9 | 67.0 | 36.2 | 62.9 | 77.5 | 55.0 | 63.7 |
| NK | NK45-M6XFS | 79.6 | 79.9 | 85.3 | 46.5 | 62.7 | 70.8 | 33.6 | 72.0 | 63.5 | 28.3 | 57.1 | 91.5 | 57.7 | 63.6 |
| Progeny | P 4623XF | 82.0 | 80.1 | 96.0 | 51.0 | 59.6 | 73.8 | 40.6 | 62.6 | 96.0 | 28.6 | 65.5 | 86.7 | 63.3 | 68.1 |
| Progeny | P 4515XFS | 83.5 | 82.7 | 98.2 | 54.9 | 54.5 | 74.7 | 55.6 | 70.2 | 80.4 | 49.8 | 65.6 | 94.5 | 69.4 | 71.8 |
| Progeny | P 4556XFS | 80.9 | 88.6 | 89.3 | 46.7 | 59.3 | 73.0 | 40.9 | 71.8 | 72.9 | 26.3 | 58.1 | 96.5 | 61.1 | 66.5 |
| Revere | 44-F44 | 85.3 | 84.3 | 90.2 | 56.2 | 65.7 | 76.3 | 33.2 | 64.0 | 71.3 | 32.6 | 53.5 | 88.9 | 57.3 | 65.9 |
| Revere | 46-F17 | 85.7 | 87.6 | 103.4 | 53.5 | 60.8 | 78.2 | 46.8 | 77.9 | 76.3 | 18.6 | 65.6 | 93.7 | 63.1 | 70.0 |
| Southeastern | SE 4652XFS | 81.0 | 73.9 | 98.0 | 38.8 | 52.5 | 68.8 | 50.7 | 77.6 | 69.4 | 33.4 | 60.5 | 97.2 | 64.8 | 66.6 |
| USG | 7435XFS | 77.9 | 85.9 | 90.9 | 52.1 | 64.0 | 74.2 | 45.0 | 66.1 | 71.0 | 37.9 | 67.3 | 98.8 | 64.3 | 68.8 |
| USG | 7457XFS | 86.9 | 92.5 | 98.3 | 50.7 | 64.1 | 78.5 | 38.8 | 72.7 | 84.5 | 19.9 | 67.5 | 100.4 | 64.0 | 70.6 |
| | | | | | | | | | | | | | | | |
| Mean | | 83.8 | 85.3 | 95.4 | 51.1 | 59.3 | 75.0 | 41.3 | 71.4 | 77.3 | 34.3 | 63.1 | 93.0 | 63.4 | 68.7 |
| CV | | 7.5 | 6.3 | 6.6 | 15.2 | 7.0 | | 20.9 | 8.8 | 23.1 | 20.0 | 11.4 | 7.2 | | |
| $R^2$ | | 53.0 | 63.7 | 67.8 | 50.0 | 90.5 | | 59.0 | 74.0 | 42.9 | 67.8 | 41.0 | 82.0 | | |
| LSD | | 10.32 | 8.7 | 10.4 | NS | 6.8 | | 14.18 | 10.35 | NS | 11.27 | 11.8 | 10.89 | | |
| Error DF | | 54 | 54 | 54 | 54 | 54 | | 54 | 54 | 54 | 54 | 54 | 54 | | |