



**MISSISSIPPI STATE UNIVERSITY™**  
**MS AGRICULTURAL AND FORESTRY EXPERIMENT STATION**

**Summary of Yield for Group V Early Xtend/XtendFlex for the 2024 Mississippi Soybean Variety Trials.**

| Brand  | Variety    | Brooksville | Clarksdale | Longwood | Stoneville | Stoneville | Irr.    | Brooksville | Olive Branch | Raymond  | Verona   | Non-Irr. | Overall |
|--|------------|-------------|------------|----------|------------|------------|---------|-------------|--------------|----------|----------|----------|---------|
|  |            | Irr.        | Irr.       | Irr.     | Irr.       | Irr.       | average | Non-Irr.    | Non-Irr.     | Non-Irr. | Non-Irr. | average  | average |
|  |            | (clay)      | (clay)     | (clay)   | (loam)     | (clay)     |         | (clay)      | (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    |
| Asgrow   | AG53XF2    | 84.2        | 83.3       | 76.7     | 85.5       | 90.6       | 84.1    | 53.7        | 64.7         | 74.8     | 63.2     | 64.1     | 75.2    |
| Asgrow   | AG56XF2    | 82.2        | 66.3       | 83.1     | 91.8       | 91.3       | 82.9    | 49.4        | 69.6         | 66.6     | 54.4     | 60.0     | 72.7    |
| Delta Grow   | 52XF90STS  | 75.1        | 74.5       | 77.6     | 81.2       | 84.3       | 78.5    | 46.9        | 65.4         | 70.7     | 57.0     | 60.0     | 70.3    |
| Delta Grow   | 53XF95/STS | 79.8        | 71.8       | 74.1     | 92.1       | 85.1       | 80.6    | 44.7        | 62.4         | 70.7     | 53.8     | 57.9     | 70.5    |
| Delta Grow   | 55XF23     | 79.8        | 68.8       | 72.8     | 89.1       | 83.1       | 78.7    | 47.7        | 63.0         | 64.8     | 57.0     | 58.1     | 69.6    |
| Dyna-Gro   | S51XF84    | 91.9        | 82.6       | 69.2     | 95.1       | 83.9       | 84.6    | 42.5        | 64.4         | 64.2     | 60.8     | 58.0     | 72.8    |
| Dyna-Gro   | S55XF95    | 90.9        | 60.9       | 82.1     | 89.0       | 86.1       | 81.8    | 54.3        | 68.3         | 69.9     | 56.1     | 62.1     | 73.1    |
| Great Heart Seed   | GT-5320XF  | 89.1        | 78.8       | 68.5     | 92.3       | 81.3       | 82.0    | 47.1        | 62.2         | 68.9     | 56.6     | 58.7     | 71.7    |
| Great Heart Seed   | GT-5417X   | 82.9        | 75.4       | 84.8     | 98.6       | 93.1       | 87.0    | 45.2        | 71.4         | 72.4     | 54.9     | 61.0     | 75.4    |
| Innictis   | A5124XF    | 89.7        | **         | 78.8     | 93.4       | 86.1       | 87.0    | 36.3        | 58.3         | 65.1     | **       | 53.2     | 72.5    |
| Innictis   | A5284XF    | 95.6        | **         | 83.8     | 96.5       | 89.2       | 91.3    | 63.6        | 71.7         | 68.2     | **       | 67.8     | 81.2    |
| NK Brand   | NK52-V1XF  | 95.2        | 79.3       | 74.7     | 96.3       | 87.3       | 86.6    | 55.1        | 72.2         | 65.3     | 63.6     | 64.1     | 76.6    |
| NK Brand   | NK54-J9XFS | 82.7        | 45.7       | 76.1     | 83.7       | 81.3       | 73.9    | 80.3        | 75.2         | 84.8     | 70.0     | 77.6     | 75.5    |
| NK Brand   | NK56-Z6XFS | 79.8        | 54.3       | 79.2     | 84.8       | 81.5       | 75.9    | 64.9        | 68.7         | 77.7     | 36.0     | 61.8     | 69.7    |
| Pioneer  | P53Z60LX   | 84.1        | 72.2       | 88.8     | 89.2       | 83.2       | 83.5    | 46.6        | 64.2         | 67.6     | 57.9     | 59.1     | 72.7    |
| Progeny  | P 5056XFS  | 76.4        | 82.8       | 74.4     | 88.8       | 91.5       | 82.8    | 51.2        | 69.5         | 73.7     | 48.5     | 60.7     | 73.0    |
| Revere   | 51-F31     | 90.6        | 81.6       | 77.7     | 87.8       | 89.6       | 85.5    | 40.4        | 68.3         | 80.6     | 68.3     | 64.4     | 76.1    |
| Revere   | 53-F84     | 90.9        | 52.1       | 87.1     | 77.1       | 72.8       | 76.0    | 71.5        | 75.6         | 82.1     | 78.1     | 76.8     | 76.4    |
| Mean   |            | 85.6        | 70.7       | 78.3     | 89.6       | 85.6       | 82.4    | 52.3        | 67.5         | 71.6     | 58.5     | 62.5     | 73.6    |
| CV   |            | 8.5         | 11.6       | 8.3      | 6.2        | 5.2        |         | 16.9        | 8.4          | 12.8     | 18.0     |          |         |
| R <sup>2</sup>   |            | 52.0        | 81.0       | 55.0     | 64.0       | 65.0       |         | 72.0        | 63.0         | 60.0     | 65.0     |          |         |
| LSD  |            | 12.1        | 14.0       | 10.8     | 9.1        | 7.3        |         | 14.7        | 9.3          | NS       | 18.0     |          |         |
| Error DF   |            | 34          | 34         | 34       | 34         | 34         |         | 34          | 34           | 34       | 34       |          |         |
| **Variety did not arrive prior to planting at these locations. |            |             |            |          |            |            |         |             |              |          |          |          |         |