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| Please use this form to clearly and concisely report on project progress. The information included should reflect quantifiable results that can be used to evaluate and measure project success. Comments should be limited to the designated boxes. Technical reports, no longer than 4 pages, may be attached to this summary report. |
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| Project Title:  | Enhancing Stink Bug Resistance in Midsouth Soybean |
| Organization:  | LSU AgCenter |
| Principal Investigator Name: | Jeffrey A. Davis |
| Report Period: | March 15, 2024, to June 15, 2024 |
| Project Status: Ongoing |
| ***University of Missouri (Dr. F. Lin)***One hundred F2 lines for the mapping populations for stink bug resistance arrived from the winter nursery in Costa Rica and were shipped to the LSU AgCenter. ***Louisiana State University AgCenter (Dr. J. A. Davis)***Soybean selections were planted for stink bug resistance screening on 10 June 2024. We selected twenty-two high yielding MGIV commercial soybean cultivars and six lines from the 2023 screening of advanced selections from the University of Missouri with sufficient seed to plant replicated plots four rows x 30 ft. An additional thirty-one lines were planted on two rows x 30 ft. Finally, we recently received one hundred additional lines for screening which will be used for the rough mapping of stink bug resistance. Once soybeans have reached R2, we will begin assessing stink bug populations via weekly sweep net counts. |