



FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

SIL Uganda 2023 Breeder Meeting

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SIL Uganda Meeting

- Welcome!
- Thank you to Phinehas and his team for organizing the meeting.
- This is an opportunity to meet, share ideas in presentations and talk informally to discuss your research programs
- We hope that this interaction will foster research collaboration and germplasm exchanges

SIL Funding

- SIL received five year renewal from USAID in October 2022
- This is the third allotment of funding for SIL from USAID
- There was a delay in receiving the last renewal from USAID which caused the funding lapse
- Peter Goldsmith's focus for the renewal is to make SIL funded programs independent so they can continue when SIL funding is gone
 - Can breeders help fund programs through licensing fees?



SIL Funding

- I retired from my faculty position at the University of Illinois
 - SIL hired me back part time to manage breeding work.
- Andrew Scaboo will be leaving SIL because of other responsibilities
- Carrie Miranda will stay with SIL
- Will add Aaron Lorenz from the University of Minnesota. He is a leader in applying genomic selection to soybean



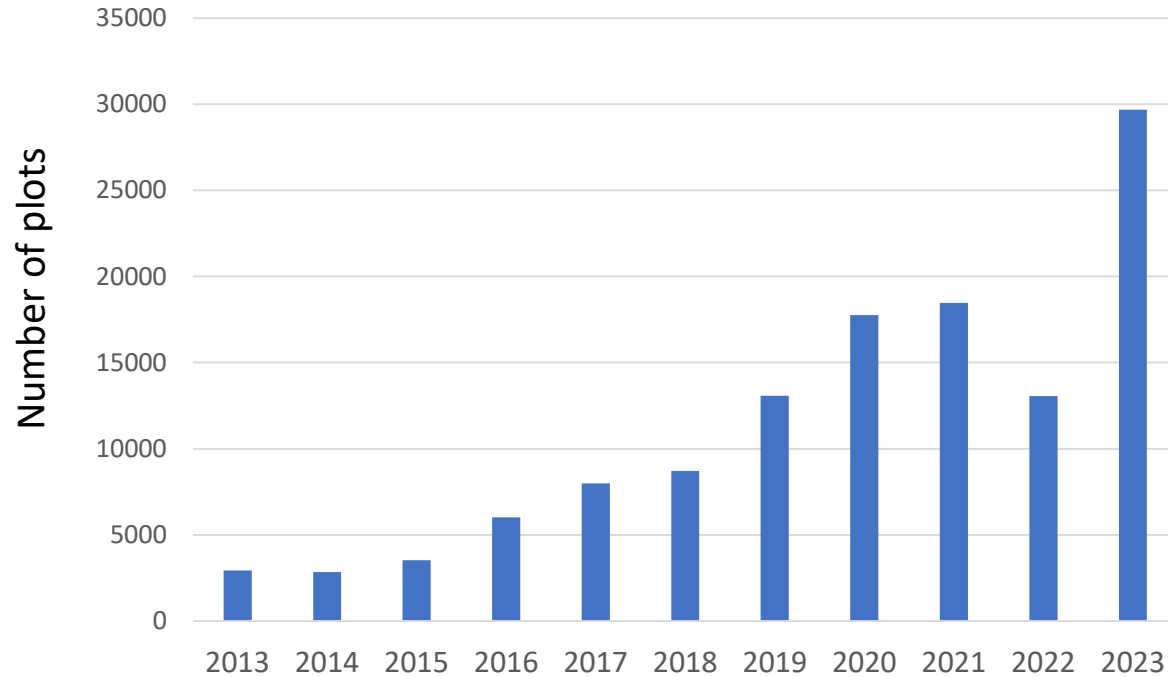
Funding New Projects

- SIL sent a RFP for competitive funding of breeding programs
- Received 13 proposals and funded five
- Projects funded included:
 - IITA in Nigeria
 - IITA in Zambia
 - EIAR in Ethiopia
 - Makerere University in Uganda
 - SARI in Ghana

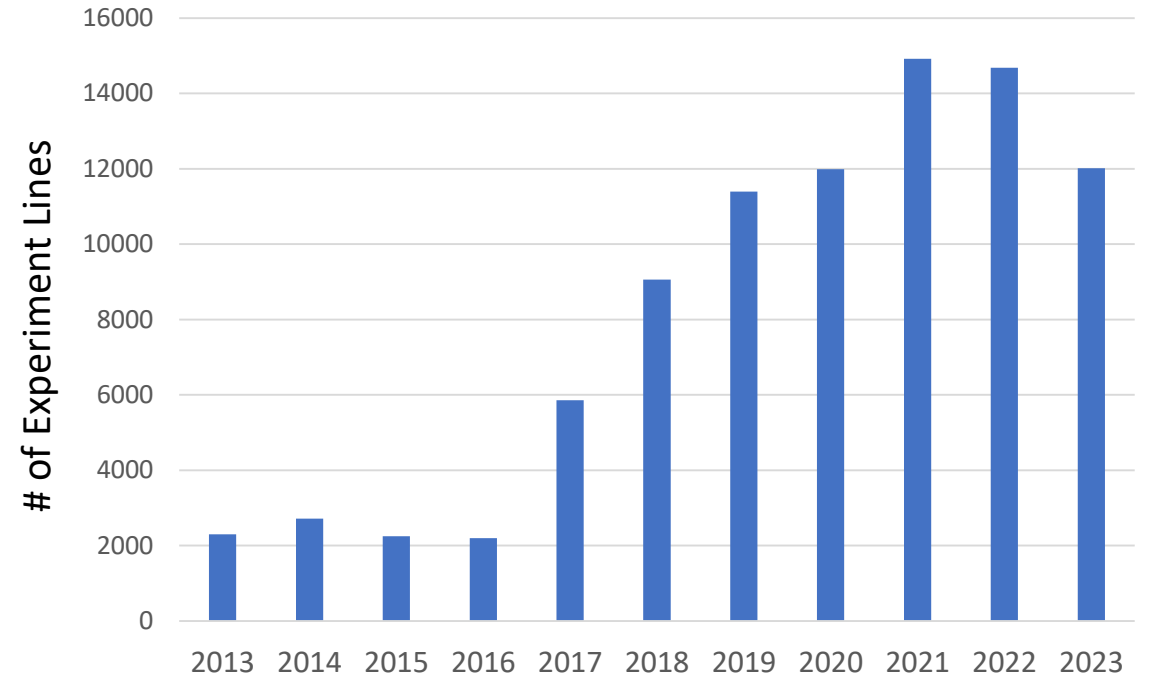


Metrics

Number of Research Plots Planted by Breeders



Number of Potential Varieties Developed



Variety Releases

- Twenty varieties released between 2019 to 2022 compared to seven between 2013 to 2018.



New Projects

- Working with Bayer and IITA on the Modern Breeding Project
 - Analyzed data from genotyping of almost 800 experimental lines from IITA with over 1,000 genetic markers
 - Developing training data that can be used for genomic prediction
- Arranged for seed from 33 lines and varieties developed in the midsouth and southern USA to be shipped to IITA
- Sent maturity group checks to IITA for testing across Africa

