

## University Facilities to local Farmers and Food producers to improve sustainable farming practices – A brief Report

### Lab Access Program

The University's objective in running the Lab Access Program for local farmers is to bridge the gap between cutting-edge scientific research and practical agricultural practices. By providing farmers with access to state-of-the-art laboratories, advanced equipment, and expert guidance, the program aims to empower them with the knowledge and tools needed to enhance their farming techniques, improve crop yields, and address various challenges in agriculture. This initiative not only fosters a mutually beneficial relationship between the academic and agricultural communities but also promotes sustainable and innovative farming practices. Ultimately, the University's goal is to contribute to the prosperity and sustainability of the local farming industry while fostering a spirit of collaboration and knowledge exchange between academia and the farming community.



### Technology Sharing

The aim of university's technology sharing initiative with local farmers is to bridge the gap between academic research and practical agriculture. This program's primary objective is to empower local farmers with the latest agricultural technologies, knowledge, and innovative practices. By doing so, **it strives to enhance farm productivity, increase income, and improve the overall quality of life for farmers.** Additionally, the program aims to foster sustainable farming practices, promote environmental stewardship, and contribute to regional food security.

Through active collaboration, knowledge transfer, and research partnerships, this initiative not only benefits the local farming community but also strengthens the ties between academia and the agricultural sector, ultimately driving innovation and progress in the field of agriculture.



### Plant Stock Access

The objective of providing local farmers with access to university's plant stock is two-fold. **Firstly, it aims to bolster the agricultural sector by equipping farmers with high-quality and regionally-adapted plant varieties, ensuring improved crop yields, resilience to environmental challenges, and enhanced agricultural sustainability. Secondly, this initiative serves as a vital means of preserving and promoting biodiversity by facilitating the cultivation of diverse plant species that might otherwise be at risk of extinction. By offering farmers a wide range of plant stocks, including heirloom and indigenous varieties, the program not only supports food security but also contributes to the conservation of plant genetic resources. Through these efforts, the university seeks to empower local farmers with the tools they need to thrive in agriculture while simultaneously playing a crucial role in safeguarding the planet's plant diversity.**

