

LOW-TECH FOOD STORAGE STRATEGIES



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What is LET'S?

LET's is a non profit organization that promotes education and socioeconomic development around the world!¹

LOSS



25 - 30% of seasonal harvest is lost before it reaches consumers.²

INCOME



\$1440 USD is the average yearly income for Pakistani people.³

FOOD SECURITY



77 million going hungry in Pakistan.⁴



OBJECTIVES



1. Understand the storage hardships farmers face in the state Punjab in Pakistan.
2. Develop an understanding of how cultural differences within Pakistan play a role in figuring out sustainable solutions to specific hardships for remote communities.
3. Provide LET'S with storage options in the form of a report that can be incorporated in their network.

METHODS

Face to face
Contact to community partner



Online
Find peer-reviewed and community-based sources



By Email
Interview with the Punjab agricultural team



Discussion
Discover the best solutions for local community



RESULTS



#1

Bins built with straw, clay, concrete and/or cement, with roofs made of straw or tin.⁵ Materials are readily accessible and inexpensive.⁵



#2

Earthen bin made of clay and often strengthened with straw.⁶ Direct contact with ground is prevented to enable air flow for better temperature regulation and pest control measures.⁷



FUTURE IMPLICATIONS

- Bins must be completely hermetic in order to prevent spoilage of crops.
- Clay must be at a reduced risk of cracking to prevent moisture accumulation.

TAKE HOME MESSAGE:

Food insecurity is a critical issue in Pakistan and affects the livelihood of millions. This project aimed to supply affordable, user-friendly food storage options for Pakistani wheat farmers, that would benefit all.

Check out our blog to learn more about our project:

<http://blogs.ubc.ca/letsstorefood/>

References:

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