

# Development of a sensory lexicon for describing boiled sweetpotato in Ghana

60

A sensory lexicon is a set of standardized vocabularies developed by train panelist for description of products

From a breeding perspective, sensory lexicons provides an unbiased tools to measure quality traits.

However, it is often difficult to establish a credible panel and lexicon due to time, money and methodologies

Therefore, simple and efficient methodologies are needed

- **Objective**

1) Establish a train panel to be used to evaluate sweetpotato roots in Ghana, 2) develop lexicon for boiled roots and 3) validate panel and lexicon using standardized procedures.

- **Key Achievements**

- Successfully recruited validated sensory panel capable of describing sweetpotato materials in Ghana
- Successfully generated validated lexicon for the description of Ghanaian sweetpotatoes (including; **5 descriptors for appearance, 6 descriptors for texture, 10 descriptors for aroma, 3 descriptors for mouthfeel and 5 basic taste** descriptors)
- Successfully used descriptors to describe some sweetpotato materials from our germplasm