‘Food Yield’: Identifying essential issues for breeding

From Harvest to Food

Potential Criteria for Selection and Variety Evaluation

Harvest
- Threshing
- Storage

Grain (kg/ha)
- Cleaning
- Processing

Flour/Grits (% losses)
- Cooking
- Preserving

Ease of threshing
Threshing losses
Storage losses

Grain health (aflatoxin)
Dehulling/decortication losses
Useful components

Cooking time
Water uptake and swelling
Combinations with other foods

Food - Family meal
(kg grain/person/day)

Taste
Color
Consistency – over time

Authors: Eva Weltzien, Krista Isaacs, Mamourou Sidibé, Vera Lugutuah, Salimata Sidibe, Bocar Diallo, Abdoulaye Diallo, Baloua Nebie, Aboubacar Toure and Fred Rattunde