

WHY STANDARDS MATTER

Following the maize grain standards reduces risks and improves the returns of all those in the market chain:

- Farmers get better prices and reduce post-harvest losses. They can participate in the warehouse receipt system where they can store the maize until the price improves, and take a bank loan using their maize grain as surety.
- Traders get a reliable supply of high quality maize that they can sell to their clients. When the maize conforms to the standards and is available in large quantities it is easier to sell to high value markets with less risk of the grain being rejected by the buyer.
- Processors want a continuous and reliable supply of quality raw materials. Complying with standards, reduces waste and ensures that the final product will be of high quality and earn a higher price.
- Consumers get food that is safe and nutritious to eat.



ACKNOWLEDGEMENTS

This brochure was prepared in collaboration with a group of interested stakeholders including:

- aBi Trust
- Afro-KAI Ltd
- Aponye Uganda Ltd
- ASKAR General Merchandise Ltd
- Chemiphar Uganda Ltd
- Eastern Africa Grain Council
- INTERTEK Testing Services (EA) (Pty)
- Kilimo-Trust
- Ministry of Agriculture, Animal Industry & Fisheries
- Ministry of Trade, Industry and Cooperatives
- National Agricultural Advisory Services
- National Agricultural Research Organisation
- Rikolto VECO

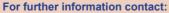
- SEATINI Uganda
- The Grain Council of Uganda
- Uganda National Commodity Exchange
- Uganda National Bureau of Standards
- Uganda National Chamber of Commerce and Industry
- Uganda National Farmers Federation
- USAID Feed the Future Uganda Commodity Production and Marketing Activity
- USAID Feed the Future Uganda Enabling Environment for Agriculture Activity
- World Food Programme



MAIZE IS MONEY:

East African Community Maize Grain Standard





Uganda National Bureau of Standards

Standards House, Bweyogerere
Plot 2-12 By Pass Link Bweyogerere Industrial and
Business Park, P.O. Box 6329 Kampala
Tel: 0417 333 250, Toll Free Helpline: 0800133133
info@unbs.go.ug; www.unbs.go.ug







MAIZE IS MONEY: MAXIMISE PRODUCTION

GOOD PRACTICES



Plant improved /
certified seeds of
the same variety
with proper
spacing





Step 2

Apply fertilisers properly

Step 3













STANDARD IMPACTED

MAIZE OF OTHER COLOURS:

Other colours means all good maize grains which have pink, yellow, or red colour that covers more than 50% of the surface of the grain.

	Maximum Limit		
Characteristic	Grade 1	Grade 2	Grade 3
Yellow, % m/m	5		
Red, % m/m	5		
White, % m/m		2	



Note: The parameter maize of other colours should only be tested after removal of defective grains.

IMMATURE/SHRIVELLED GRAINS:

Grains which are under-developed, thin and papery in appearance (shrivelled over the entire surface and not just over the embryo area).

	Maximum Limit		
Characteristic	Grade 1	Grade 2	Grade 3
Immature/ shrivelled, % m/m	1.0	2.0	3.0



FREE FROM TOXIC WEED SEEDS:

These are seeds such as Crotalaria (*Crotalaria spp.*), Corn cockle (*Agrostemma githago L.*), Castor bean (*Ricinus communis L.*), Jimson weed (*Datura spp.*) which can have a damaging or dangerous effect on health, sensory properties or technological performance.



BAD PRACTICES















Do not plant maize in the same field every season