





Dr. Joshua Ariga

International Workshop on
Developing Private Sector Agro-Input Markets –
Lessons Learned and Emerging Perspectives on
Subsidy Programs

February 19-23, 2018 Jinja, Uganda











Partnership for Enabling Market Environments for Fertilizer in Africa (PEMEFA)







Consortium of 5 partner organizations:

- 1. African Fertilizer and Agribusiness Partnership (AFAP)
- 2. International Fertilizer Development Center (IFDC)
- 3. Michigan State University (MSU)
- 4. New Markets Lab (NML)
- 5. Regional Network of Agricultural Policy Research Institutes (ReNAPRI)

















GOAL

Transform African agriculture and livelihoods by improving smallholder farmers' access to and use of fertilizers by establishing comprehensive, relevant, and robust national and regional fertilizer policies and regulatory frameworks that facilitate increased private sector investment and participation in fertilizer value chains.











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OBJECTIVES

- Generate evidence to mobilize support for policy and regulatory reforms that will encourage private sector-led fertilizer markets and improve smallholder farmers' access to and profitable use of fertilizers.
- 2. Build the capacity of stakeholders along fertilizer value chains to establish a conducive enabling environment for private sector-led fertilizer markets.
- **3. Drive ongoing efforts** to reform policy, legal, and regulatory regimes for fertilizer through outreach and engagement.

















PEMEFA's initial activities (including today's presentations) are supported by a planning grant from the Alliance for African Partnership (AAP)

The AAP is a new, innovative initiative at Michigan State University that seeks to develop a collaborative and cross-disciplinary platform for addressing today's global challenges.











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Today's Morning Session

Economics Quality Standards

Enabling Environment for Market Development

Legal frameworks

Group discussions













Guiding questions for Group Work

- Based on what you've heard, what do you think are the key policies/regulations that are hindering private sector performance in fertilizer markets in SSA? Why?
- 2. Other than subsidies, what do you think are other important government interventions related to the fertilizer sector? Why?
- 3. Based on your answers to #1 and 2,
 - a. What would you advise the government of Kenzanda to do at the national level? Why?
 - b. What would you advise dealing with at the regional level (e.g., COMESA, EAC)? Why?











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Objectives and Outline of this Presentation

Objectives:

- Highlight the economic rationale for having quality standards
- Recommend fertilizer regulations/regulatory reforms that can result in improved fertilizer quality

Outline:

- Quality points of interest along the value chain
- The need for quality standards
- Explore the potential impact of poor fertilizer quality standards on national production
- Recommendations

















Potential Quality "hotspots" Along the Fertilizer Value Chains

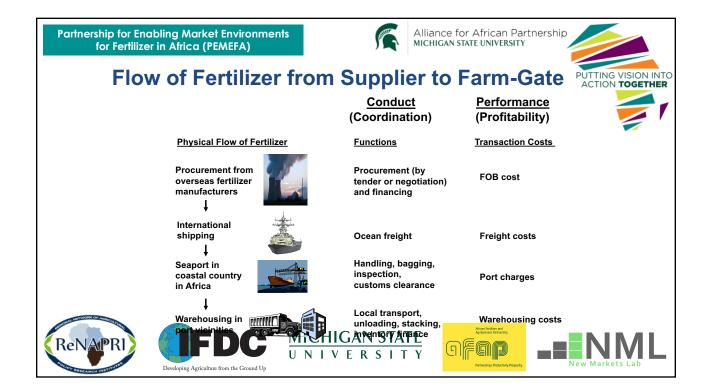


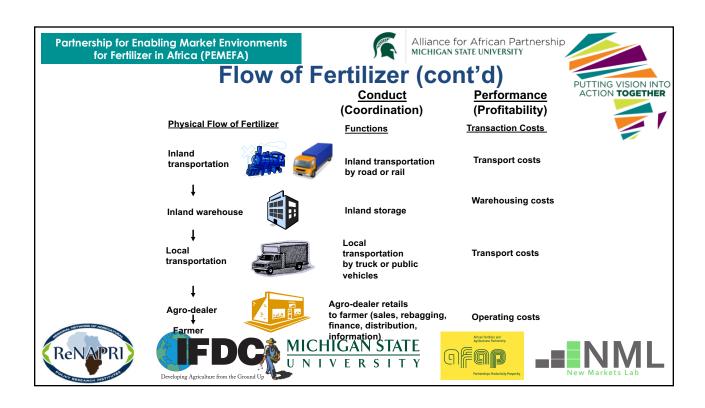


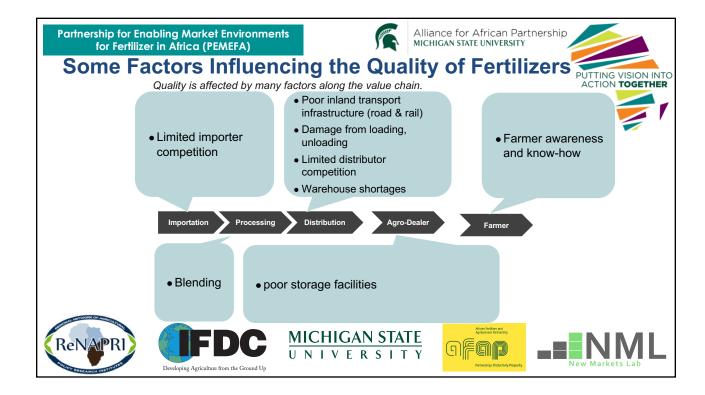














Human Capital



- Concentrated in towns or districts at a distance from the farm-gate.
- · Limited business and technical knowledge.
- Agro-dealers and stockists lack training in business management and product knowledge.
- ➤ Farmers: limited know-how on correct and safe use of fertilizers, economics of fertilizer use













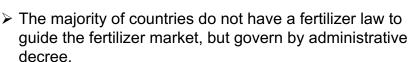
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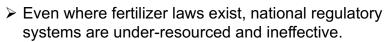
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- Capacity for quality control at retail is limited (usually less than 10 inspectors for the whole country).
- In many countries, laboratory testing facilities are nonexistent or have old equipment.















The Need for Quality Standards









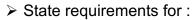


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- Physical.
- · Chemical composition.
- · Contaminant levels.
- · Packaging.
- Marking of the fertilizer (e.g. ZABS).















Why Have Quality Standards or National Quality Standards Agency?



- ➤ To promote "fair" competition (avoid "fake" or substandard products). Effect of unfair competition?
- > Ensure fertilizer meets plant nutrition needs.
- Ensure **no harm to human health** (heavy metals are a risk).
- Ensure no harm to the environment.











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- > Objective of quality inspection of imports.
- ➤ To stop / eliminate substandard commodities flooding the market.
- ➤ For fair competition with locally manufactured products.
- Ensure international standards are met.













What is "Fake" Fertilizer



- Adding sand, earth, etc.
- Mislabeling products.

✓ Misleading labels

- Not in English language on bags or labels.
- Not representing the true analysis of the nutrients.
- No specification of form or content of micronutrients.

√ Re-bagged lower analysis fertilizer

DAP as another product.

✓ Poor physical quality fertilizer

- Lower physical quality, e.g., poor prilled urea.
- Blends with unmatched granule/particle sizes.
- ✓ Low weight bags











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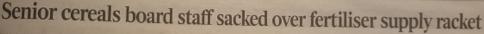
ACTION TOGETHER





NCPB Officials Sacked in Kenya

DAILY NATION | Monday March 28, 2016



BY WYCLIFF KIPSANG AND STANLEY KIMUGE

Three senior National Cereals and Produce Board officials have been sacked as the government moves to root out unscrupulous middlemen and streamline the distribution of subsidised

Agriculture Cabinet Secretary Willy Bett yesterday issued notice to corrupt officials of the board that their days are numbered and more officers are being investigated.

"Heads will continue to roll until we toot out all corrupt elements enriching hemselves at the expense of the farmers. of this country," Mr Bett said when he met Uasin Gishu county security team at Fiderat NCDB deset

He called on farmers to form cooperatives to ease the distribution of the inputs adding that the government has embarked on registration of farmers in all the 47 counties.

"We don't want to deal with amor phous groups purporting to be farmers in order to enrich themselves by engaging in the sale of subsidised fertiliser; said Mr. Bett.

He said vetting of farmers will start at locational level with chiefs involved in ensuring the commodity reaches the farmers in time without unnecessary delays. Uasin Gishu County Commisof the public and farmers to report any unscrupulous individuals engaging in the sale of exhibition for these

ne sale or subsidised

"We want the farmers to know we've heard their concerns and launched investigations. Smugglers taking advantage of the supply chain will be taken to court. We want to put an end to these perennial cartels once and for all said Mr. Hassen.

Last week, police officers recovered a branding machine and red oxide suspected to be used in packaging of fake Kenya Seed Company maize seed

Uasin Gishu counties as farmers rush to purchase the farm inputs for this

"The crackdown was launched following a tip-off from concerned farmers that some government officials were facilitating irregular purchase and sale of subsidised fertiliser," said Lilian Okembo, the Trans-Nzola police

repackaged government fertiliser to 50kg bags impounded in the crackdow launched on a warehouse leased to trace ers by Kenya Railways Corporation.

"Stitching machines and empty ba of a commercial fertiliser were recover in the operation," said Ms Okembo.



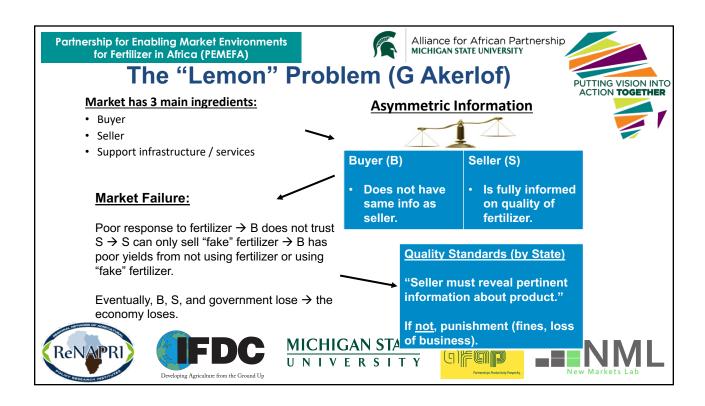


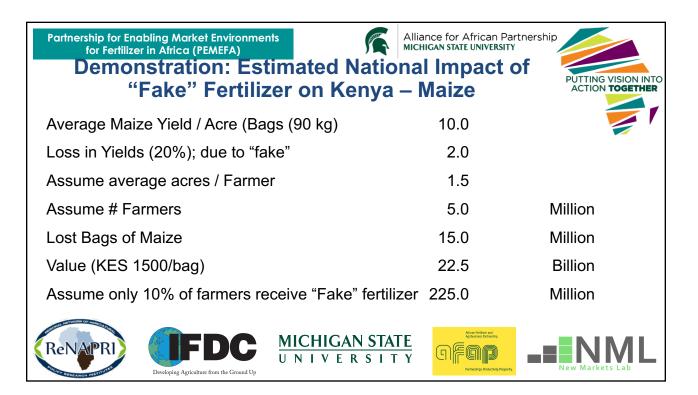
















Recommendations to Improve Quality (and reduce economic losses)











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Accredited laboratories and inspectors

 Improve fertilizer laboratories, including capacity building of inspectors.

Regional testing laboratories and data management

 Explore the technical and financial feasibility of supporting the establishment of two or three regional testing facilities for fertilizer testing, research, and data management.















Consumer awareness

• Design and implement a national awareness program that helps farmers better understand the importance of proper fertilizer use.

Development and certification of agro-dealer networks

 Support the establishment and development of national agrodealer networks and industry associations through capacitybuilding programs, which include the training and certification all retailers.











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Recommendations (Cont'D)

- Small markets (few choices for buyer, need more competitors).
- Reform regulations to encourage more private sector investment – make it easier to register importers, less paperwork, taxes.















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Recommendations (Cont'D)

- > Have **enforceable** standards with fines/penalties.
- > Information: Farmers well-informed of their options, including clear avenues for legal recourse
- > Have accredited labs and inspectors (national or regional).
- Increased focus on how to regulate blending activities.
- ➤ Make it easier to register products











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Recommendations (Cont'D)

- Make sure fertilizer industry is implementing standards:
 - Pre-shipment inspection (SGS, etc.).
 - · Product sampling and testing at import, etc.
 - Market surveillance:
 - Spot checks on retail and distribution.
 - Increase inspections on blending plants.
 - Handling of consumer complaints.



















Recommendations (Cont'D)

- > Need to update fertilizer use recommendations.
- > Soil mapping and tests crucial.
- ➤ May mean new fertilizer products being introduced.
- > Therefore, regulations important to ease registration and ensure quality.













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This presentation was partially funded by a grant from the Alliance for African Partnership, a new innovative initiative at Michigan State University that seeks to develop a collaborative and cross-disciplinary platform for addressing today's global challenges.

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