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The U.S. Government's Global Hunger & Food Security Initiative



Informing Fall Armyworm Action: Legal & Regulatory Plant Protection Frameworks

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Fintrac Inc.



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Feed the Future Enabling Environment for Food Security

Global support mechanism addressing policy, legal, and institutional barriers for improved food security outcomes.

- **Technical Analysis** – To build the evidence base for improved policy reform.
- **Advisory Services** – To build local capacity to formulate and implement reforms.
- **Knowledge Management** – To facilitate cross-agency and cross-Mission learning on policy topics.



Dates: Sep. 2015 – Sep. 2020

Size: \$13.5 million

Individual Buy-in Ceiling: \$6 million



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The Enabling the Business of Agriculture (EBA) Index

What is EBA? A globally comparable dataset on the quality and efficiency of agricultural laws and regulations

History: Builds on complementary BEE indices, such as Doing Business and Women, Business, and the Law

Data collection: Data collected through surveys, desk review, phone interviews, and country visits across 63 countries.

Why do we need it?

- What gets measured gets done.
- Agriculture is unique.





The EBA Index: Topical Coverage

- 8 core topic areas
- 2 topics under development: Land and Livestock
- 2 cross-cutting themes: Gender and Environmental Sustainability

	"LEGAL" INDICATORS	"EFFICIENCY" INDICATORS
SEED	<ul style="list-style-type: none"> > Plant breeding > Variety registration > Seed quality control 	<ul style="list-style-type: none"> > Time and cost to register new varieties
FERTILIZER	<ul style="list-style-type: none"> > Fertilizer registration > Quality control of fertilizer > Importing and distributing fertilizer 	<ul style="list-style-type: none"> > Time and cost to register a new fertilizer product
MACHINERY	<ul style="list-style-type: none"> > Tractor operation > Tractor testing and standards > Tractor import 	<ul style="list-style-type: none"> > Time and cost to obtain type approval > Time and cost to register a tractor
FINANCE	<ul style="list-style-type: none"> > Branchless banking > Movable collateral > Non-bank lending institutions 	
MARKETS	<ul style="list-style-type: none"> > Producer organizations > Plant protection > Agricultural trade 	<ul style="list-style-type: none"> > Documents, time and cost to export agricultural goods
TRANSPORT	<ul style="list-style-type: none"> > Trucking licenses and operations > Cross-border transportation 	<ul style="list-style-type: none"> > Time and cost to obtain trucking licenses > Time and cost to obtain cross-border licenses
WATER	<ul style="list-style-type: none"> > Integrated water resource management > Individual water use for irrigation 	
ICT	<ul style="list-style-type: none"> > Information and communication technology 	





Plant Protection Index Data

Measure Existence of:

Indicator 1	A specified government agency or unit designated by law to conduct pest surveillance on plants
Indicator 2	Maintenance of a list of regulated quarantine pests by governments
Indicator 3	Publicly available regulated quarantine pests and pest lists on IPPC and government website
Indicator 4	A government website that contains a pest database with several features
Indicator 5	Legal obligation by land owners/users to report pest outbreaks to governments and penalties are in place for non-compliance
Indicator 6	A specific government agency or unit designated by law to carry pest risk analysis (PRA) for plant products imports
Indicator 7	Publicly available pest risk analysis (PRA) reports
Indicator 8	Risk-based phytosanitary inspections on imports of plant products

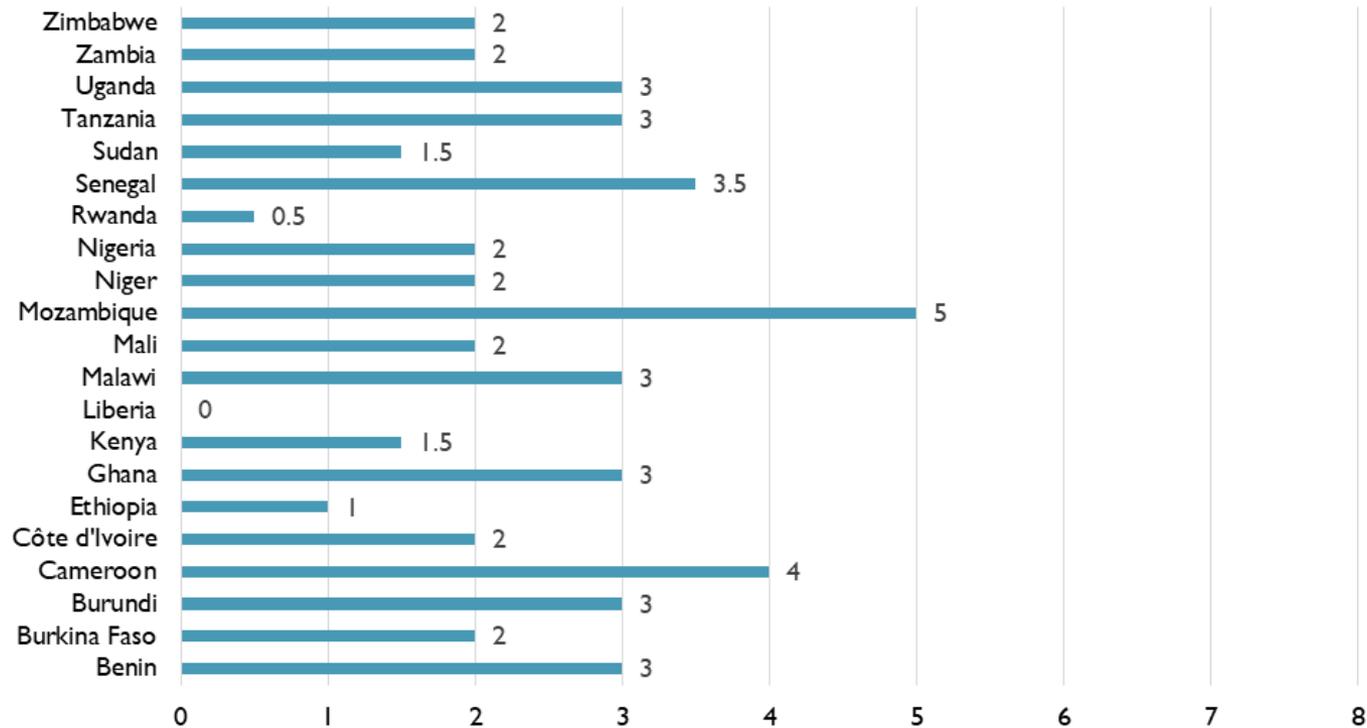




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Markets - Plant Protection Index (0 - 8)



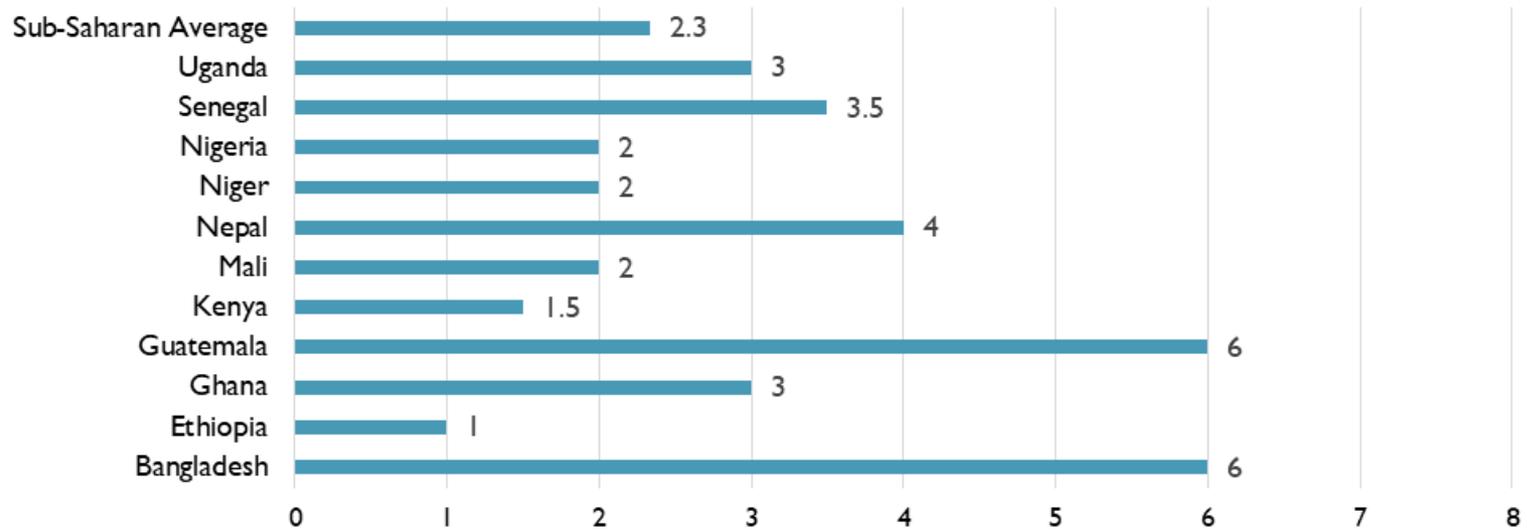
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Markets - Plant Protection Index (0-8)

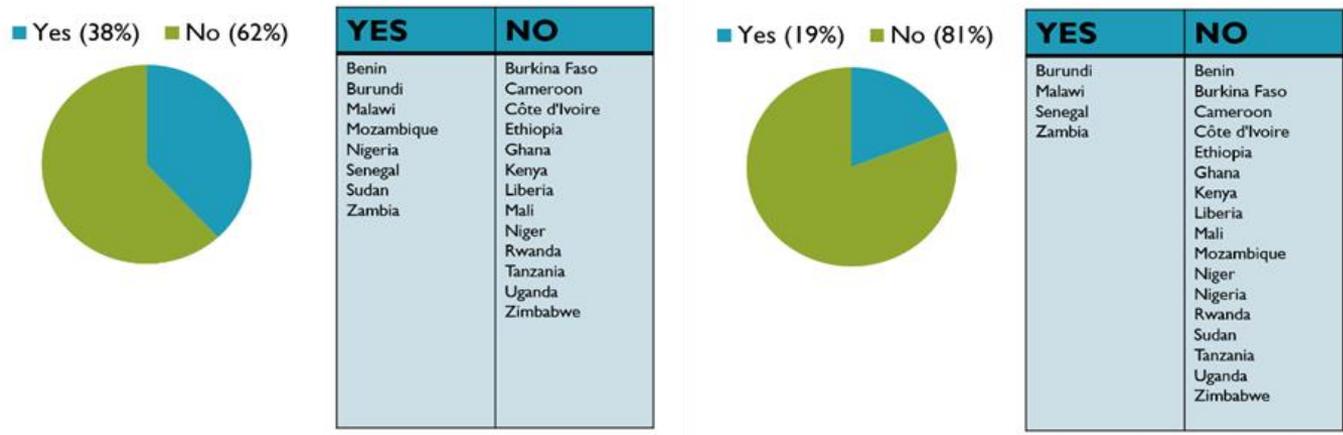


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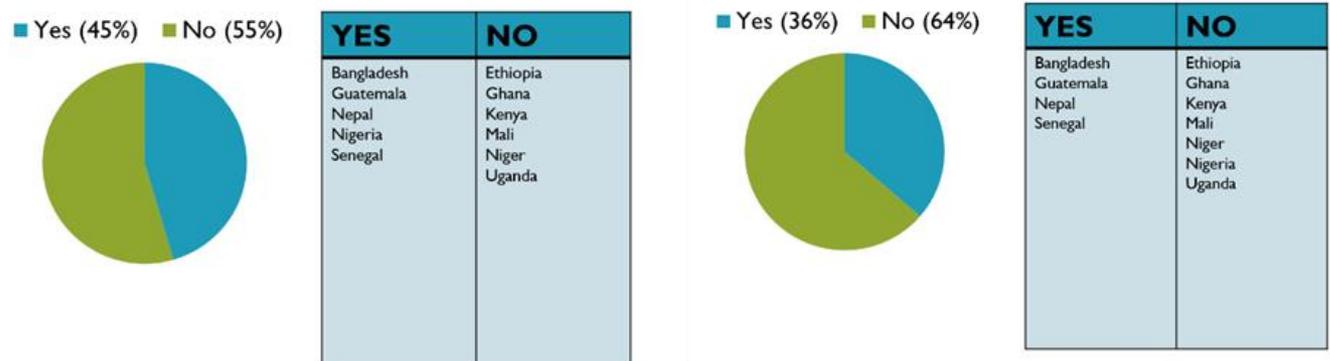


EXISTENCE AND PUBLIC AVAILABILITY OF A GOVERNMENT OR NATIONAL PROTECTION AGENCY MAINTAINED LIST OF REGULATED QUARANTINE PESTS

SSA: maintain a list of regulated quarantine pests and make publically available



FTF: maintain a list of regulated quarantine pests and make list publicly available





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IMPLICATIONS

- Importance of legal and regulatory considerations for short, medium and long term plant protection system strengthening
- Inform strategies and tactics for FAW response in Africa
- Importance of contextual local analysis AND private and public sector engagement
- Maximize and utilize available EBA data and other sources
- Relevance for regional and national plant protection system strengthening efforts moving forward



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RESOURCES

[Plant Protection EBA Data in Action Technical Brief](#)

[World Bank EBA Website](#)

[Feed the Future Enabling Environment for Food Security Project](#)

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