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# ~~EurepGAP~~ GlobalGAP

## Systematizing Good Agriculture Practices

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Objective: Obtain basic familiarity with GlobalGAP and other production systems and understand how they can help reduce environment and food safety risk



# Outline

- Overview GlobalGAP
- GlobalGAP Standard Scope
- GlobalGAP equivalence and Benchmarking
- Possible use in small-holder farming
- Historic and future role in USAID projects



# Drivers

- Food Safety Crisis (BSE, E. coli, Salmonella, H5N1)
- Retailers legally responsibility for due diligence
- Governments “Name and Shame” policy increasing
- Consumers have increasing expectations of retailers
- Globalization of retail and production

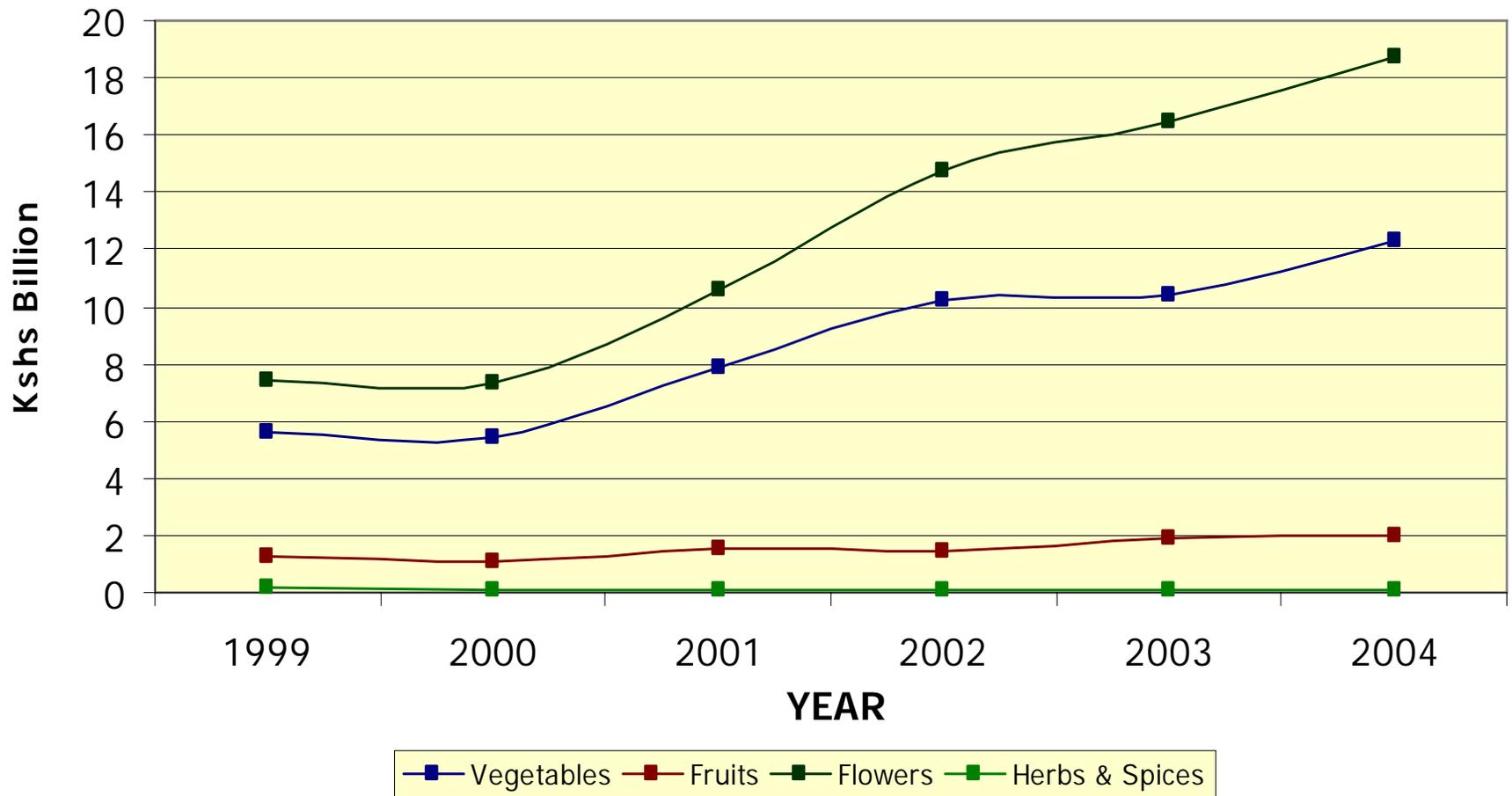
# Product Lines & Clients

- Fruits & vegetables
- Flowers & ornamentals
- Coffee (green)
- Aquaculture
- Integrated farm assurance

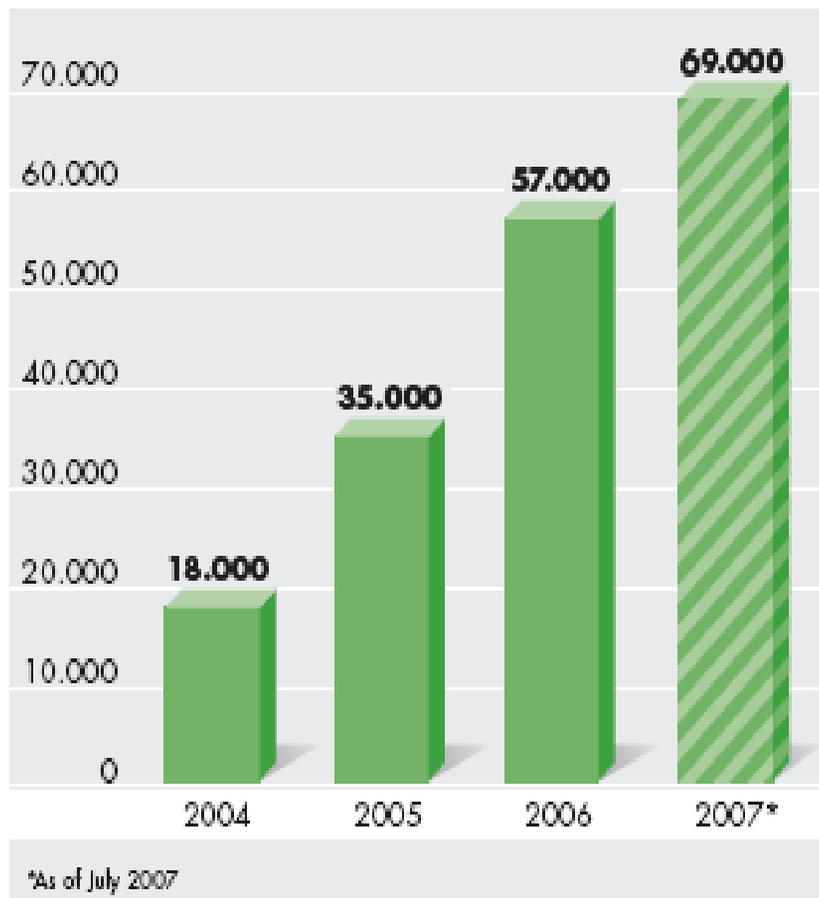


# GlobalGAP production trends | Kenya

## SIX YEAR EXPORT VALUES



# GlobalGAP Market and Coverage



## Certified Producers

Albania, Argentina, Australia, Austria  
 Belarus, Belgium, Bosnia/Herzegovina, Brazil, Burkina Faso  
 Cameroon, Canada, Chile, China, Colombia, Costa Rica, Côte d'Ivoire, Croatia, Cuba, Cyprus, Czech Republic  
 Denmark, Dominican Republic  
 Ecuador, Egypt, Ethiopia  
 France  
 Germany, Ghana, Greece, Guatemala, Guinea  
 Honduras, Hungary  
 India, Indonesia, Iran, Ireland, Israel, Italy  
 Jamaica, Japan, Jordan  
 Kenya, Korea (South)  
 Lithuania  
 Macedonia, Madagascar, Malaysia, Mali, Malta, Martinique, Mexico, Moldova, Morocco  
 Namibia, Netherlands, New Zealand, Norway  
 Palestinian Territories, Panama, Peru, Poland, Portugal, Puerto Rico  
 Romania  
 Senegal, Slovakia, Slovenia, South Africa, Spain, Sri Lanka, Swaziland, Sweden, Switzerland  
 Tanzania, Thailand, Tunisia, Turkey  
 United Kingdom, United States, Uruguay  
 Venezuela, Vietnam  
 Zambia, Zimbabwe

## Approved Equivalent Schemes

Austria, Chile, China\*, Colombia\*, Denmark, France, Germany, Ireland\*, Japan, Kenya, Mexico, New Zealand, Scotland\*, Spain, Sweden\*, Switzerland, The Netherlands, United Kingdom, Uruguay\*



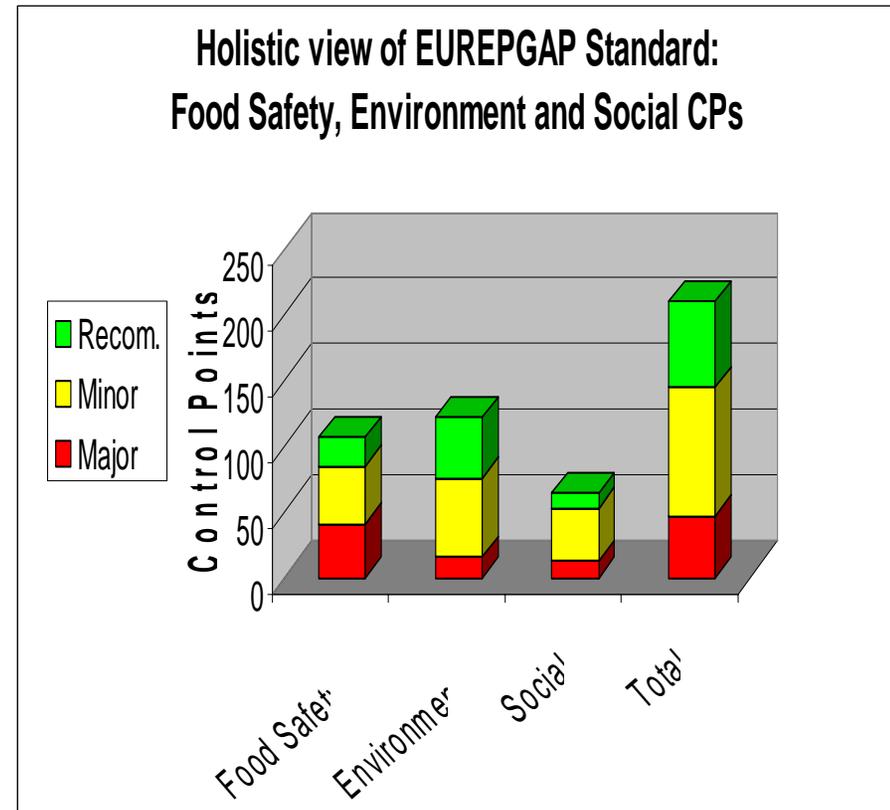
# Certification - Global Spread

## Certificates in 80 Countries

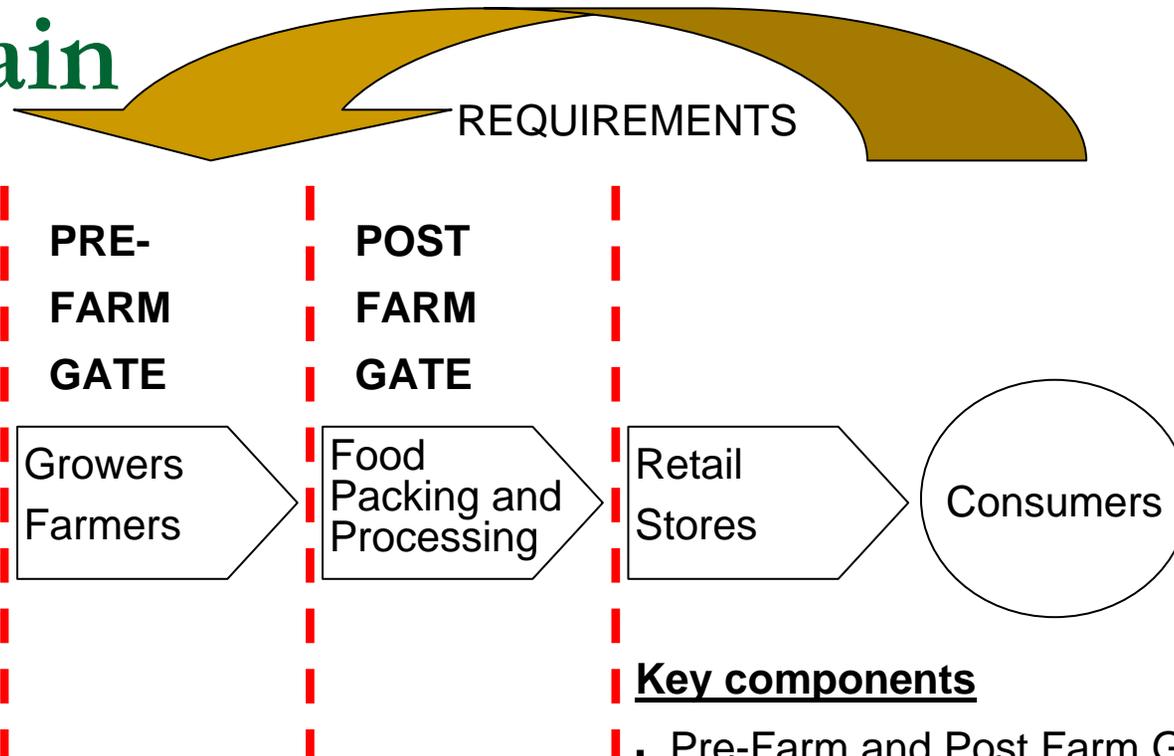


# More than Just Pesticides

- Open Access for producers anywhere
- Generic GAPs provide technical basis
- Consistency of certification process
- Consultation / Participation
- Credible equivalence system



# Covers the Fresh Produce Value Chain



## Key components

- Pre-Farm and Post Farm Gate Standards
- ISO Guide 65
- Traceability
- Risk Assessment
- Residue Monitoring

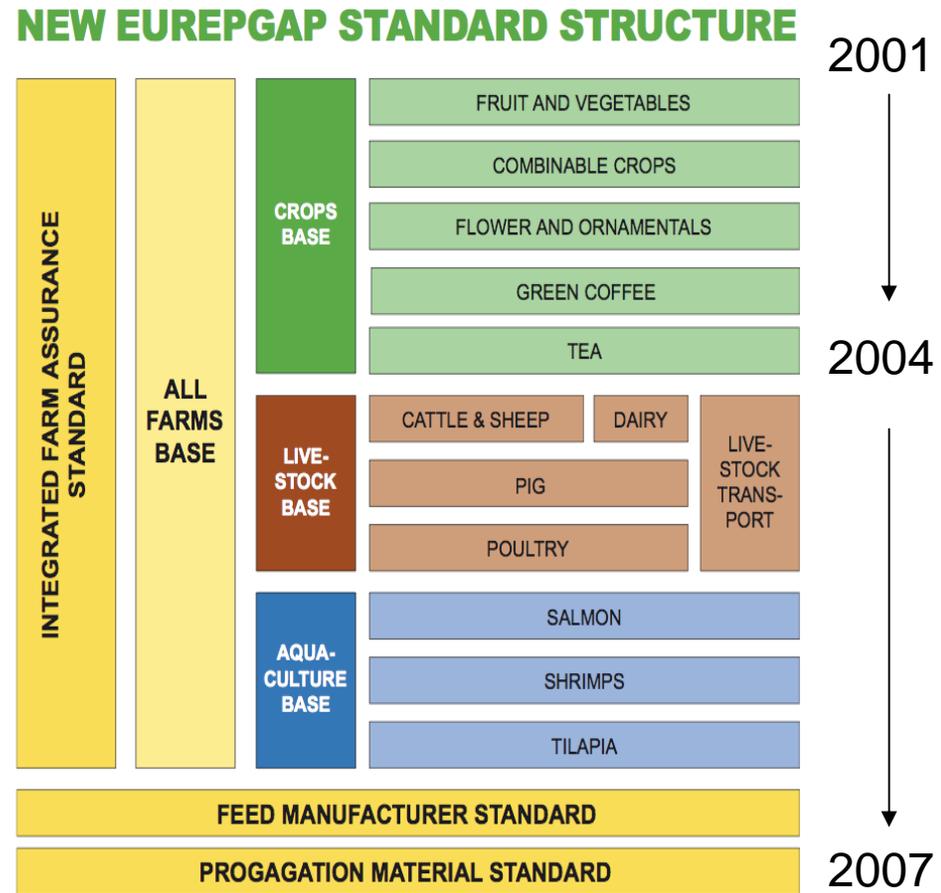
# Some new GlobalGAP Features

- Integrates all products in a single farm audit
- New GG has stronger focus on IPM practices
- Emphasis on worker health & safety
- More attention to continuous improvement



# GlobalGAP Modular Approach

- Good Agricultural Practice (GAP) standard
- Voluntary not regulatory
- Harmonizing B2B Scheme- no consumer labels
- Certification process uses International Norms ISO 65
- Supported in Private and Public sector



# Farm Base Module

- Internal control system self audit
- Site history and management
- Worker health, safety and welfare
- Waste generation, pollution
- Other environmental considerations
- Complaint management



# Crops Base Module

- Traceability
- Propagation material
- Site history & management
- Soil management & fertilizer
- Irrigation/fertigation
- IPM
- Plant protection products



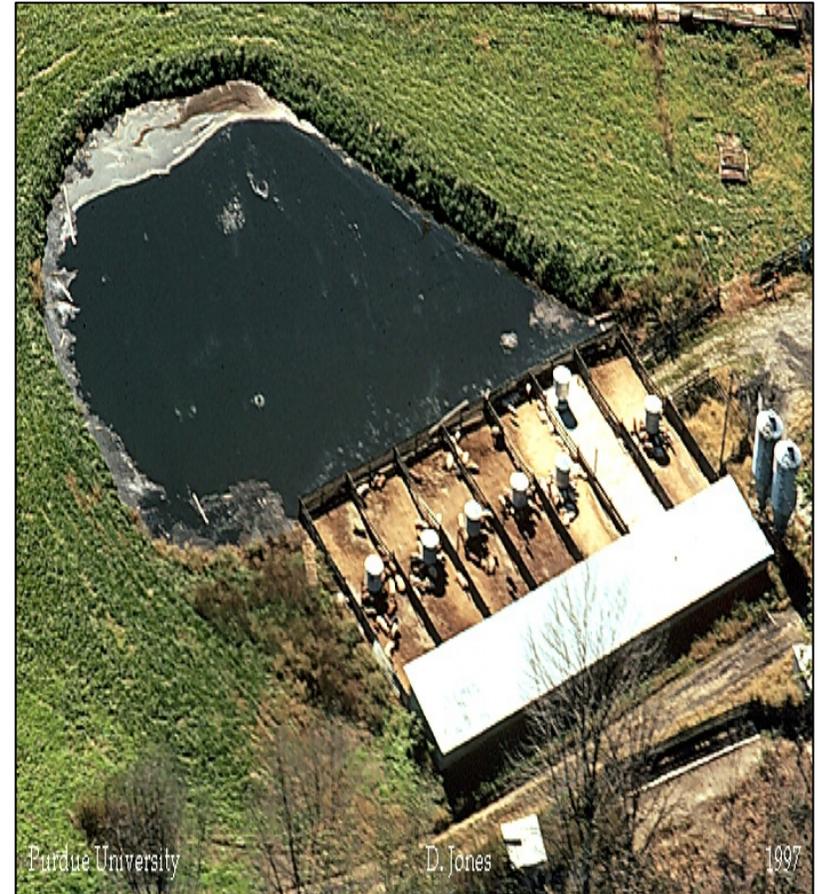
# Fruits and vegetables module

- Propagation material
- Soil & substrate management
- Irrigation/fertilization
- Harvesting
- Post-harvest handling

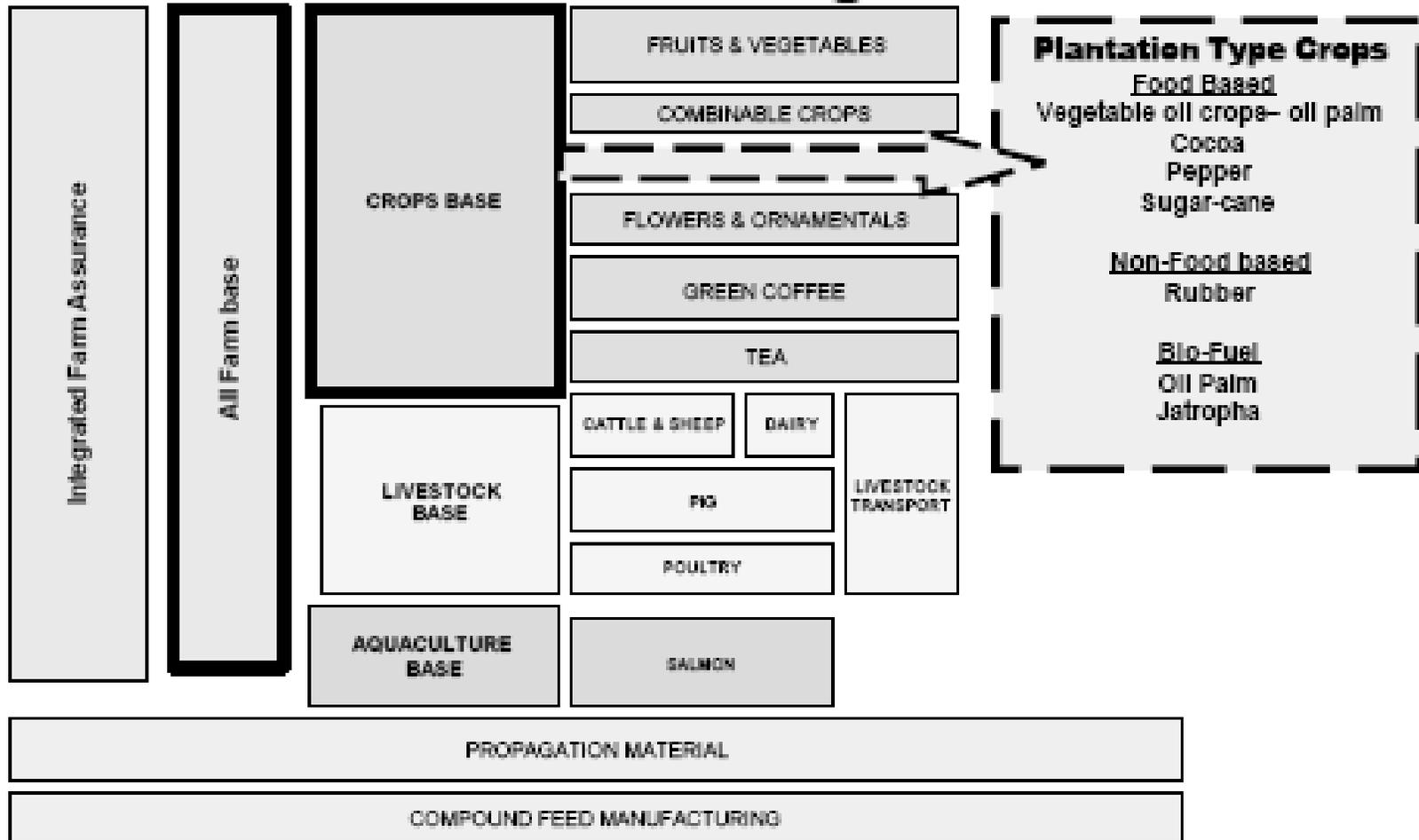


# Livestock Base Module

- Site history & management
- Worker health, safety, welfare
- Livestock sourcing, identification, tracing
- Feed and water
- Housing and facilities
- Livestock health & medicine
- Fallen stock disposal
- Slaughter



# Growing and targeting commodities



# GlobalGAP Certification Options

## OPTION 1

Individual Certification

**GlobalGAP**

## OPTION 2

Group Certification

**GlobalGAP**

## OPTION 3

Individual Certification

Benchmarked scheme

## OPTION 4

Group Certification

Benchmarked Scheme



# Smallholders | Kenya Case

- Smallholder income highest ever recorded
- Group certification (Option 2) potential to bring compliance costs down further
- Up to 40% savings on pesticide costs
- Public/Private Investment has been needed to improve standards

Source : Horticultural Development Centre . USAID , Kenya. Oct 2005



# Percieved Benefits | Kenya

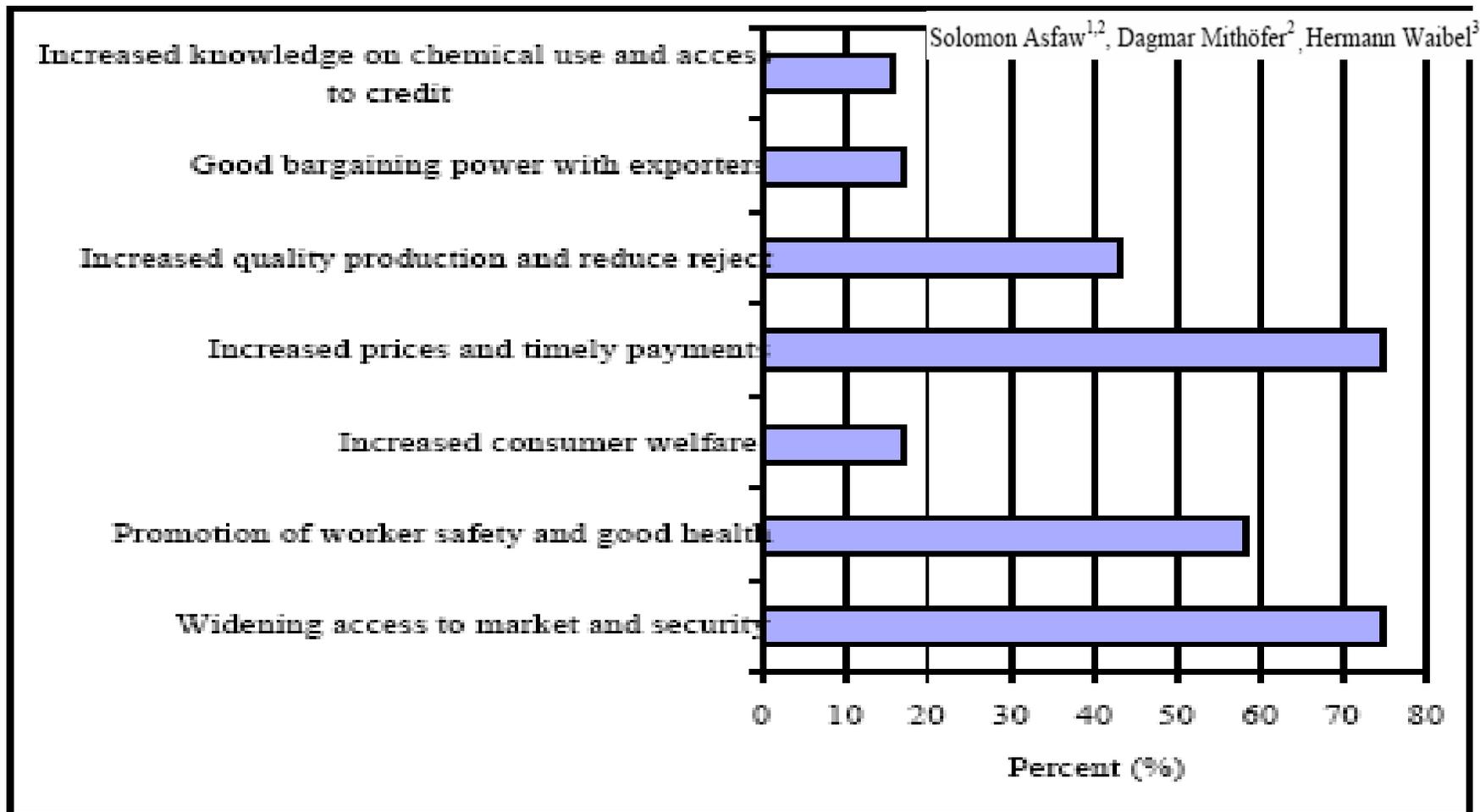


Figure 2: Adopters' perception of benefits of EurepGAP protocol (N=149)

# GlobalGAP benefits

- Promotes sustainable production
- On-farm management improvement
- Value addition of products
- Integrity of global accreditation system
- Market access for small holders
- Harmonize buyer requirements



# Cost of GlobalGAP Compliance – Percentage of Annual Profit Margin Per Firm

Area hectares	Support from donor subsidised PMO		No support from PMO	
	Capital cost %	Recurring cost %	Capital cost %	Recurring cost %
2.0-6.0	2-5	0.4-1	8-23	3-8
1.0-1.8	5-8	1-2	26-41	9-14
0.3-0.8	12-33	3-8	58-160	19-53

ANDREW GRAFFHAM & BILL VORLEY, 2005



# Beyond the Certificate | Benefits to Farms

- Traceability system
  - Input control
  - Record keeping
  - Reduced theft of inputs
- Promotes farming as a business
- Agronomic practices
- Increased export yields
- Price premiums and improved negotiation skills



# GlobalGAP vs. Other Standards

- Designed and marketed for global adoption
- Modular approach
- Permits single “integrated farm assurance”
- Engaging end users and simplifying control systems
- Targeting commodity production systems (oil palm, sugar, cocoa) for future expansion!

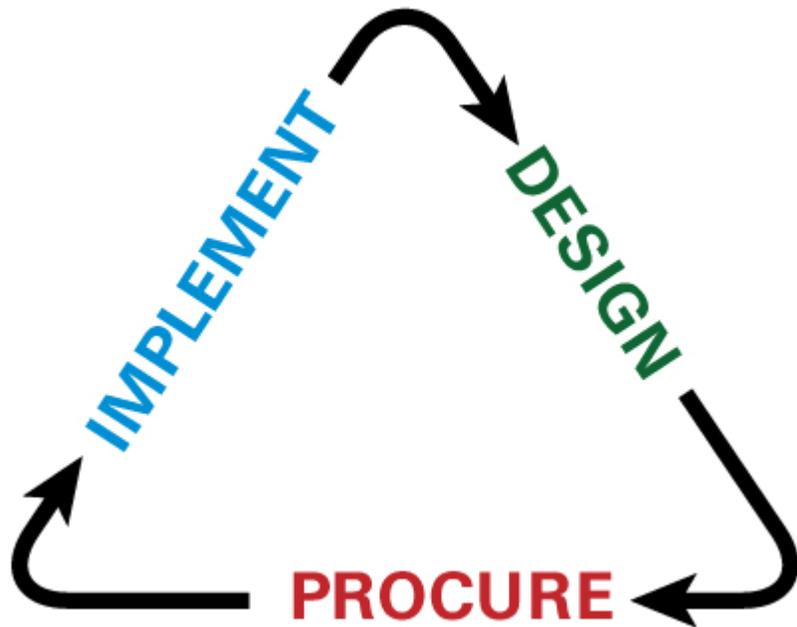


# GlobalGAP and USAID

	GlobalGAP	216.3 (b) (1)
Proper Registration	✓ +	✓
Rational selection basis	✓ +	✓
IPM program inclusion	✓	✓
Correct application & PPE	✓ +	✓
Potential hazards mitigated	✓ +	✓
Ecosystem compatibility	✓	✓
Other controls	✓	✓
Regulatory reality	✓ +	✓
Training	✓ +	✓
Monitoring	✓ +	✓



# Using GlobalGAP as a 216 proxy



- Design
  - Commodity selection
  - Value chain entry
- Procure
  - Specify skills in RFP/A
  - Require M&E plan
  - Set GG targets
- Implement
  - Audits for compliance
  - Corrective actions



# Wrap Up

- System elements
- GlobalGAP place in agrifood value chain
- New features
- Potential role in USAID projects



# Exercise

- Using the GlobalGAP Integrated Farm Assurance All Farm Base Control Points and Compliance Criteria complete the following: