



Transforming the profitability of
African agriculture:
the key to sustainable
continental development

The Organic Farming Aid opportunity

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Ghanaian (and African) Agriculture: what needs to change?

- Profitability
 - Productivity
 - Market (Product Quality, Access)
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- 40% of Ghana's workforce, but only 20% of GDP
 - Could increase output 5 fold with existing good practice
 - The world has changed – food security will be a huge concern



Agronomic challenges faced by crop farmers

The current synthetic inputs model is breaking down. Let's leapfrog!

- Cycle of needing more to achieve less, so falling profitability
- Effects on soil, water, and quality
- Health concerns for farmers and consumers

Organic solutions (traditional and novel) sound good, but many are not effective



HJA Africa – the story so far

Once upon a time (8 years ago).....

The HJA Africa Organic Farming Aid (OFA) Opportunity

- OFA is a wood vinegar (note every wood vinegar is different!)
- Wood is sourced from a FSC certified plantation in Ghana
- 100% biodegradable, non toxic and food safe.
- Applied diluted at between 1:200 and 1:1000.
- Master of many trades! Fertiliser, Pesticide, Fungicide
- Incredibly cost effective
- Can be produced at scale



Crops that have used OFA in Ghana

Maize

Different varieties of tomatoes

Onions

Different varieties of pepper

Lettuce

Broccoli

Banana

Radish

Beet-roots

Cocoa

Mangoes

Okra

Cucumber

African star fruit

Oil palm seedlings

Citrus

Cashew

Ornamental plants

Pineapple

Etc.



Cereals



Fall Armyworm



Leafy vegetables

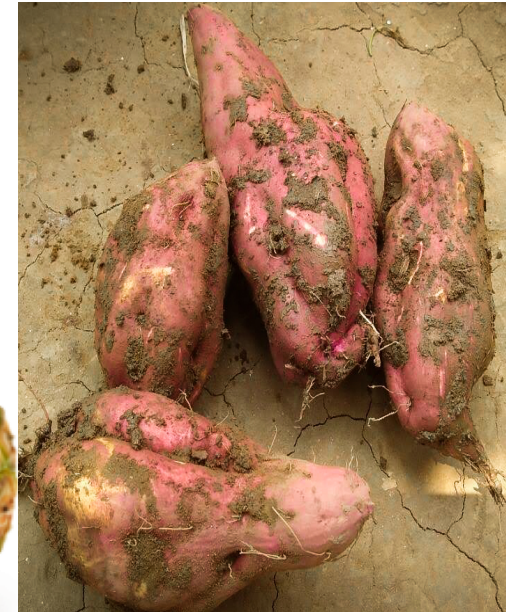


Oil Palm Nursery



Phytophthora rot in MD2 pineapple

Fruits



Roots and Tubers

Benefits to the Farmer

- Reduce costs
- Improve crop yield and quality
- Solve some major pest issues such as Fall Armyworm
- Avoid issues with preharvest interval (eg phytophthora)
- Increase profitability
- Reduce or eliminate chemical residues
- Help restore soil and water course quality
- Protect health of farm's staff and its customers

Leads to wider benefits for society as well as for the farmer



500ml



5ltr



1ltr



Contacts and Q&A

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