



Increasing Groundnut Productivity of Smallholder Farmers in Ghana, Nigeria and Mali

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Groundnut – *importance, varieties, quality seed*

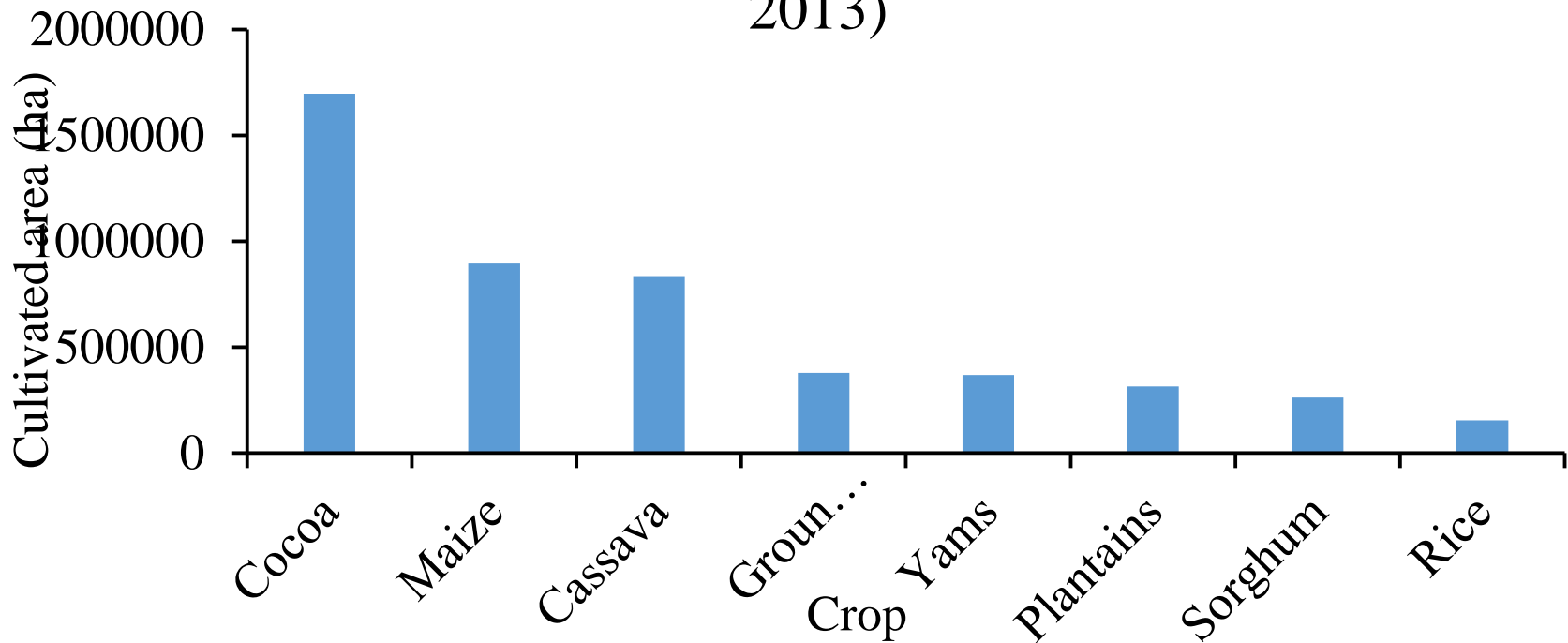


Richard Oteng-Frimpong



Most important legume in Ghana

Mean area cultivated to major crops in Ghana (2004 - 2013)





Brief overview of project

Improving productivity of small holder
groundnut farmers in Ghana, Nigeria, Mali

Sponsor: **USAID**

Period : **2015 – 2018**

Lead institution: **ICRISAT**





Goal

Increasing groundnut productivity and production of smallholder farmers & thereby improve their **income**, **nutrition** and **health**





Objectives

- Enhance farmers' knowledge of improved groundnut production technologies - improved varieties & crop management practices (**demos, field days, FFS/IP, training, FEV etc**)
- Enhance seed production and marketing at grand scale (**BS, FS, CS, CSP, Marketing, inputs, training**)
- Enhance farmers' knowledge and diffuse improved aflatoxin management technologies (**demos, field days, FFS/IP, training, FEV etc**)
- Enhance farmers access to small scale processing technologies



GHANA

- **Three Regions: Northern, UE & UW**

| | |
|-----------------------------|---|
| Northern (11 districts) | Savelugu Nanton, Mion, Karaga East, Karaga West, East Mamprusi, West Mamprusi , Numba North, Yendi, Gushegu, Nanumba South, Tolon |
| Upper East (4 districts) | Kasena Nakana east, Kasena Nakana west, Balsa North, Bongo |
| Upper West (6 districts) | Sisala West, Sisala East, Jirapa, Wa East, Wa West, Wa Municipal |





Partners

- **CSIR-CRI**
- **CSIR-SARI**
- **CSLD**
- **CRS**
- **Heritage Seeds**
- **Management AID**
- **MoFA (N,UE,UW)**
- **WVI**





Synergy & complementarity

- ATT
- ADVANCE /VOCA
- SPRING nutrition
- AGRA
- Africa RISING
- GCAP
- WAAP
- MADE
- RING





Enhance seed production and marketing at grand scale

- Enhance the production and availability of different classes of seed for improved varieties
- Strengthen seed marketing to reach smallholder farmers at village level using small seed packs with appropriate crop management information
- Increase access to seed of improved varieties by enhancing information flow and establishing local dissemination channels





Approach

- **BS & FS** – CSIR –SARI, CSIR-CRI

Private sector?

- **CS** – private companies, NGOs, community seed producers (farmer groups, lead farmers)





| Results | Indicators | Target |
|---|--|----------------------------------|
| | | ICRISAT |
| Involve the government extension system, research institutions, private sector and community organizations/famer groups | Amount of seed produced for each class of seed | 39, 363 & 3000 mt of BS, FS & CS |
| Sale seed packs of different sizes (1-15kg) to farmers/farmer groups facilitated | Number of farmers/households who have applied improved technologies | 170,000 households |
| | Increase in hectare under improved groundnut production (improved varieties and practices) | 34,480ha |
| Community based seed systems and Private input shop dealers trained and motivated | Number of individuals/community institutions who have received short-term training* | 20 |
| Community and private seed producers linked to input supply and market networks by organizing fairs every year to bring together all actors | Number of private enterprises received assistance/training and fairs organized* | 5 |





Certified Seed production 2015

| Partner | Target | Achieved |
|----------------|------------|------------------|
| CRS | 32 | 0 |
| MoFA-N | 65 | 0 |
| MoFA-UWR | 25 | 0 |
| MoFA-UER | 30 | 0 |
| WVI | 32 | 0 |
| MAid | 10 | 16 (0.5) |
| Heritage Seeds | 14 | 42 (35) |
| CSLD | 10 | 16 (10.8) |
| TOTAL | 218 | 74 (46.3) |





Key issues

- 1. Policy** – formal sector emphasis, poor support for technology generation, orphan crops, Regional integration
- 2. Technical** – suitable varieties, seed production training, quality control, processing, storage – capacity building of NARI, PPRSD, seed growers etc
- 3. Technical** – dissemination, FFS, IP
- 4. Finance** – credit, subsidies, tax exemptions, inputs, infrastructure, marketing etc



Thank you for your attention



YENYAWOSO

