



FEED THE FUTURE

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

NORTHERN GHANA SEED VALUE CHAIN GAP ANALYSIS: POLICY IMPLICATIONS



(Originally presented by ATT to the Northern Ghana Seed Platform - February 9, 2017)



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GHANA



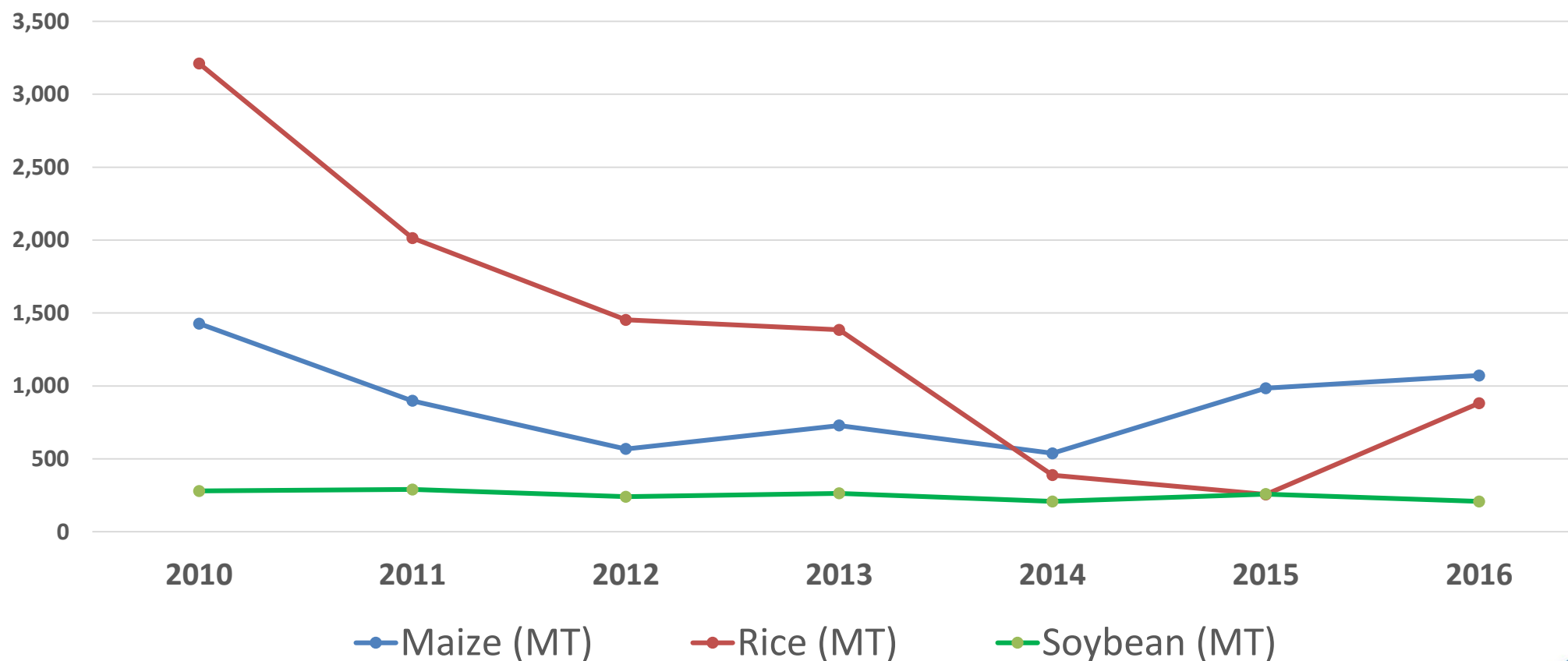
Study Objectives

- Establish an historical (2010-2016) data base of available seeds (maize, rice and soy).
- Establish gaps within the value chain of breeder, foundation and certified seeds and from production to sales.
- Establish gaps between quantities demanded and quantities supplied.
- Make projections for 40% certified seed coverage by 2018 in northern Ghana.



CERTIFIED SEED PRODUCTION TRENDS FROM 2010 TO 2016

Certified seed production trends





MAIZE | Cropped area in SADA zone (Acres)

REGION	MAIZE –Total Area	Area under certified seed in 2016 (23.8%)*	Area under Farmer Saved Seed
NORTHERN	336,808	20,333	316,475
UPPER WEST	168,375	76,776	91,599
UPPER EAST	108,425	5,874	102,551
PANNAR	-	43,556	-43,556
TOTAL	613,608	146,539	467,069





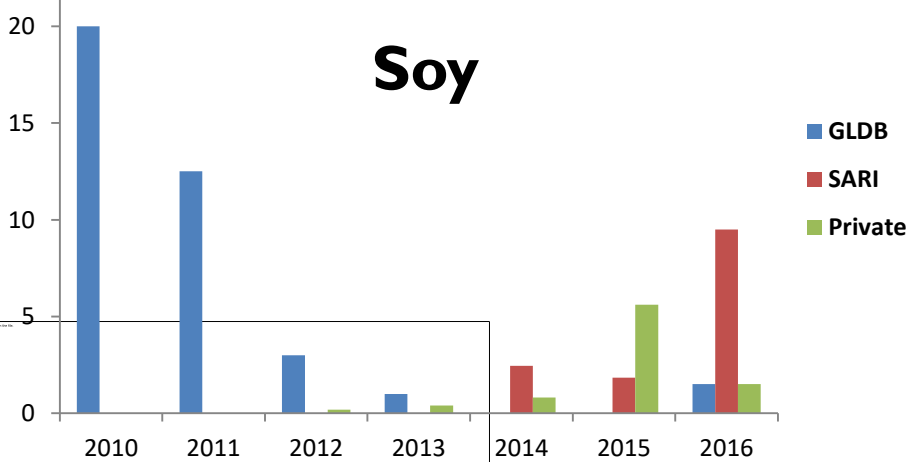
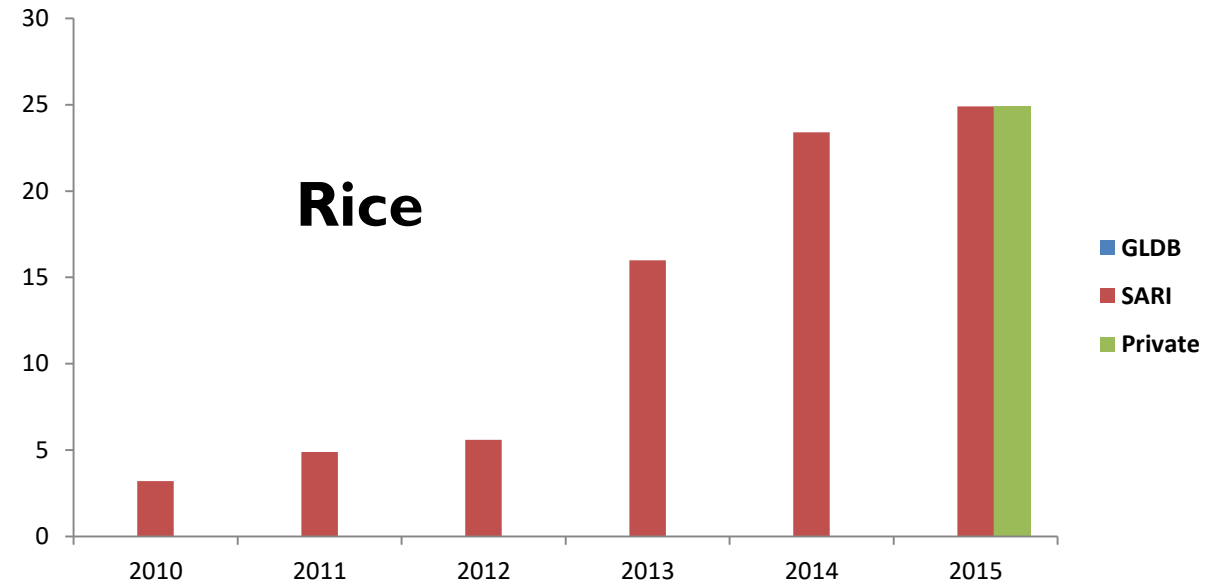
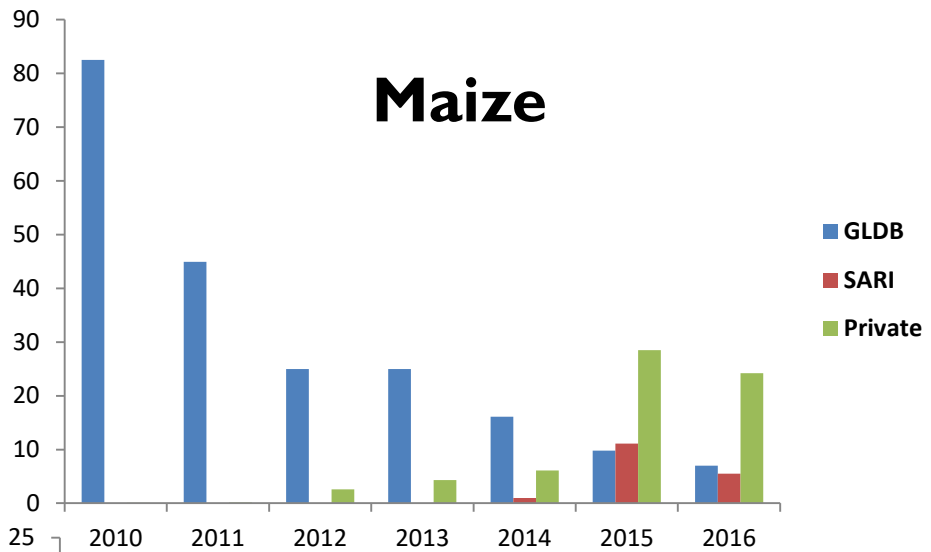
RICE | Cropped area in SADA zone (Acres)

REGION	Rice –Total Area	Area under certified seed (3%)	Area under Farmer Saved Seed
NORTHERN	183,473	9,371	174,102
UPPER WEST	12,070	462	11,608
UPPER EAST	127,700	20	127,680
TOTAL	323,243	9,853	313,390





Foundation seed production (MT)





ATT's 40% Target by 2018 in SADA zone (Acres)

REGION	Total Cropped Area in Northern Ghana	ATT Targeted cropped area under certified seed – 40% (acres)	ATT 40% Targeted Certified Seed Usage by 2018 (ton)
MAIZE	613,608	245,443	2,209
RICE	323,243	129,297	2,586
SOYBEAN	204,003	81,601	1,224
TOTAL	1,140,854	456,341	6,019



SEED ROAD MAP TO ACHIEVE 40% TARGET (MT)

	2016			2017			2018		
Crop	Breeder	Foundation	Certified	Breeder	Foundation	Certified	Breeder	Foundation	Certified
Maize	1	28	600		35	1800			2200
Rice	2	45	1000		65	1800			2600
Soybean	1.5	20	100		36	500			1200





2017 SCALING-UP INTERVENTIONS

- 70 seed producers have applied to produce seed across the three regions.
- Multiple 'Technology Fairs' to be conducted and 'Starter Packs' distributed
- 20 seed vans to be awarded to 20 seed producers for seed distribution and marketing
- 15 % loan contribution through selected banks for seed value chain activities

