

Y2019 YIIFSWA II Project

Performance Reporting

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1 PROJECT AT A GLANCE

2 PROJECT PERFORMANCE

3 KEY TAKEAWAYS

1 PROJECT AT A GLANCE

Project Outcome 1 (4IOs & 17 Outputs)

1: IO6a Established functional, scalable and sustainable public sector driven commercial early generation seed systems for improved yam varieties

1.1. Strengthened national research centers to sustainably and commercially produce high quality pre-basic seed yam of improved varieties

1.2. Strengthened national regulatory bodies for coordination, effective seed yam quality control and certification to enable quality seed yam production and efficient seed yam supply chain in Nigeria and Ghana

1.3. Increased awareness of the demonstrated economic contribution of the yam sector to the national Agricultural GDP leading to increased investments and prioritization by state, national, regional and international programs as well as private sector

1.4. At least 50% of the targeted states and regions in Nigeria and Ghana, respectively include yam in their priority list for investments by Year 5

Project Outcome 2 (5IOs & 16 Outputs)

2: IO6b Established functional, scalable and sustainable basic and commercial seed system driven by private sector

2.1. Increased availability and accessibility of improved yam varieties via establishment of high quality seed system by 2021

2.2. Increased farmer understanding of benefits of purchasing improved varieties and using improved agronomic packages

2.3 Increased opportunities for women to earn income in commercial seed production and distribution

2.4. Investment by private seed companies with capacity to produce at least 30 hectares of basic seed tubers of yam by end of year 2019

2.5. Fit-for-purpose quality assurance systems for seed yam quality established.

What progress has been accomplished in Y2019?

2

PROJECT PERFORMANCE

Purpose

- ✓ Verify if YIIFSWA project interventions leads to the desired change in yam communities and beyond;
- ✓ Improve project interventions;
- ✓ **Learn**

Key elements of performance analysis

- The targets;
- The current situation of the variable at the moment of report; and
- Complementary data and statistical data

Key tool used

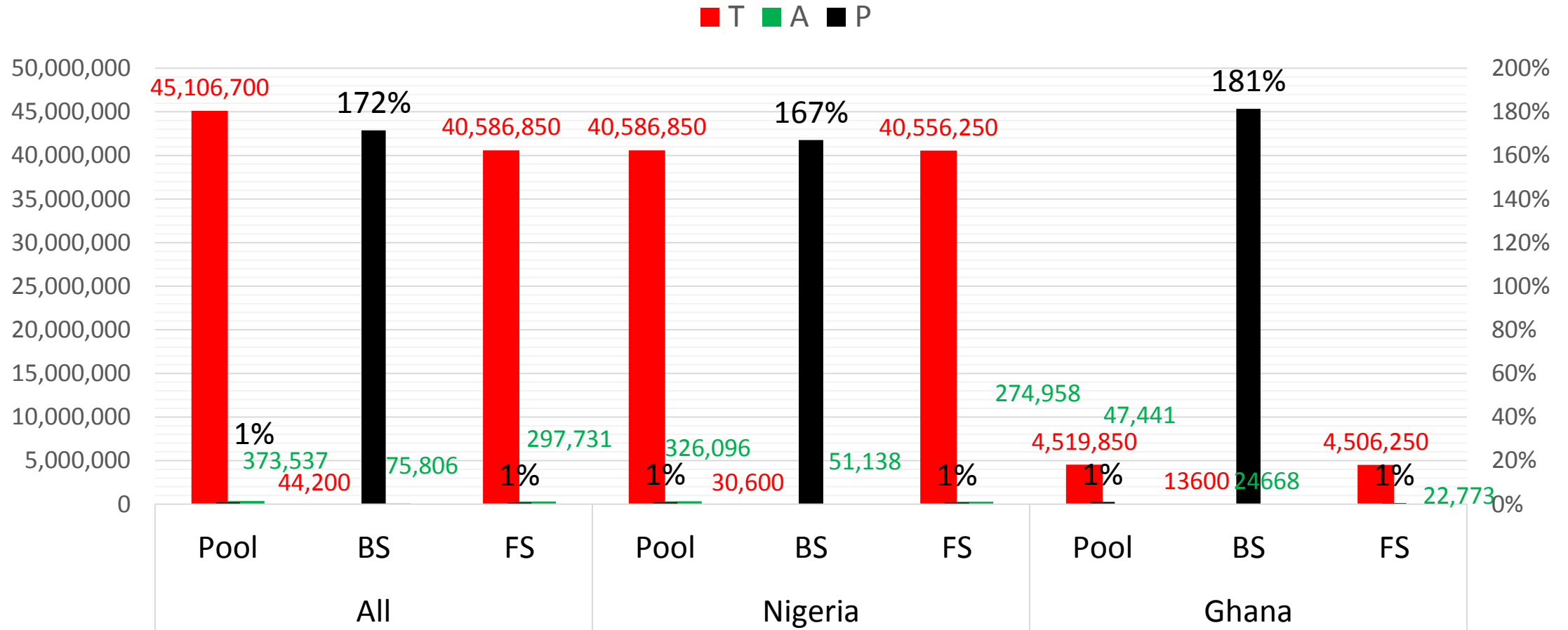
Y2019 Performance rate (%) = Y2019 actual value / Y2019 target value

Primary Outcome 1

Established functional, scalable and sustainable public sector driven commercial early generation seed systems for improved yam varieties

IO6a Established functional, scalable and sustainable public sector driven commercial early generation seed systems for improved yam varieties

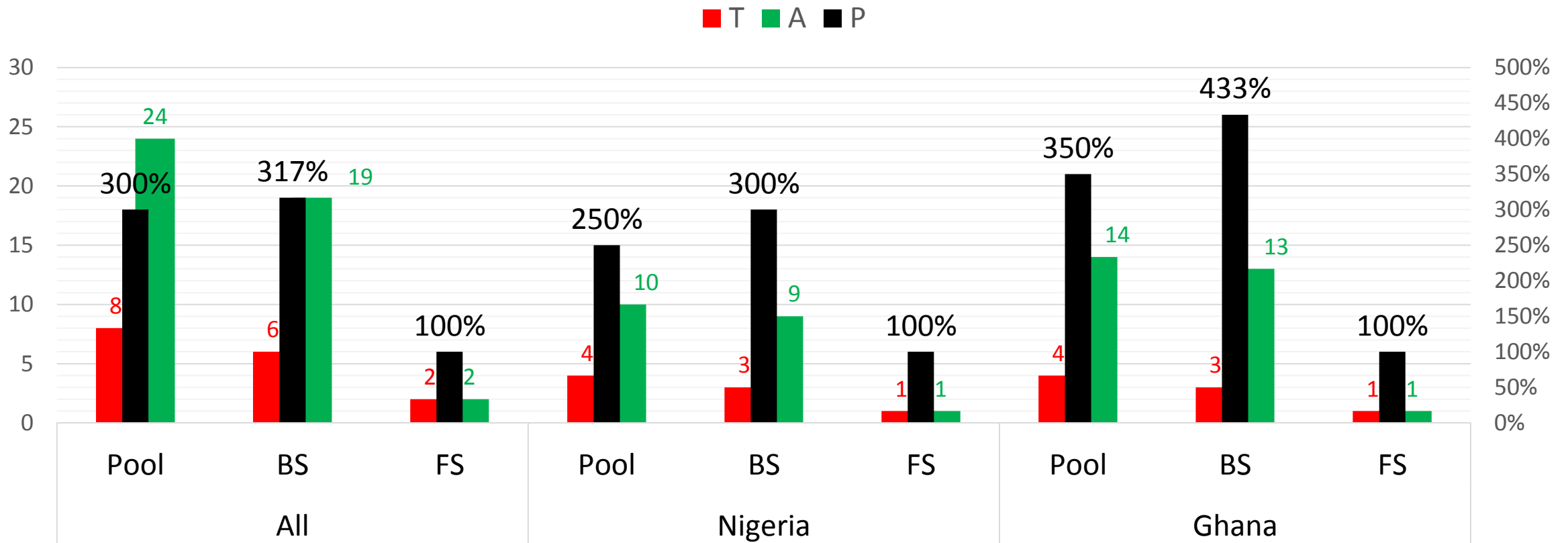
Quantity of EGS of improved yam varieties produced and distributed to next users



Source: IITA

IO6a Established functional, scalable and sustainable public sector driven commercial early generation seed systems for improved yam varieties Ct...

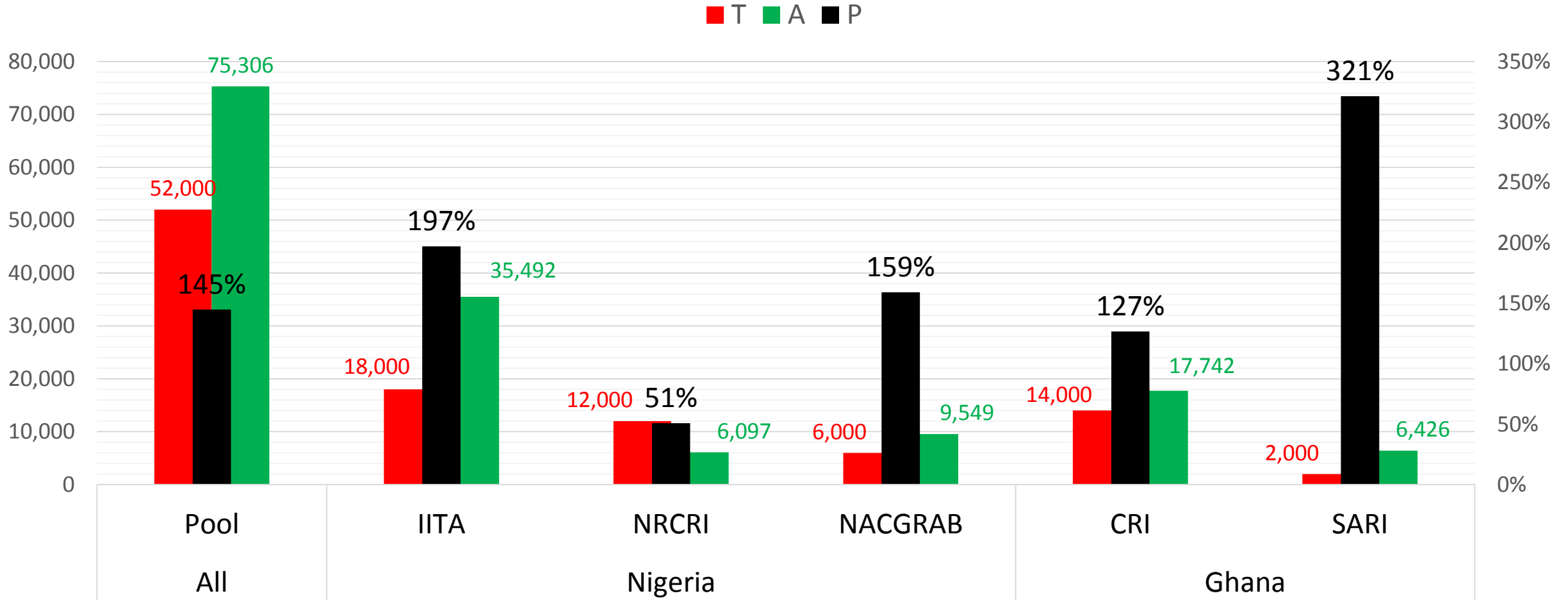
Staff trained to increase technical capacity of EGS production and distribution at NARIs levels



Source: IITA

1.1. Strengthened national research centers to sustainably and commercially produce high quality breeder seed yam of improved varieties

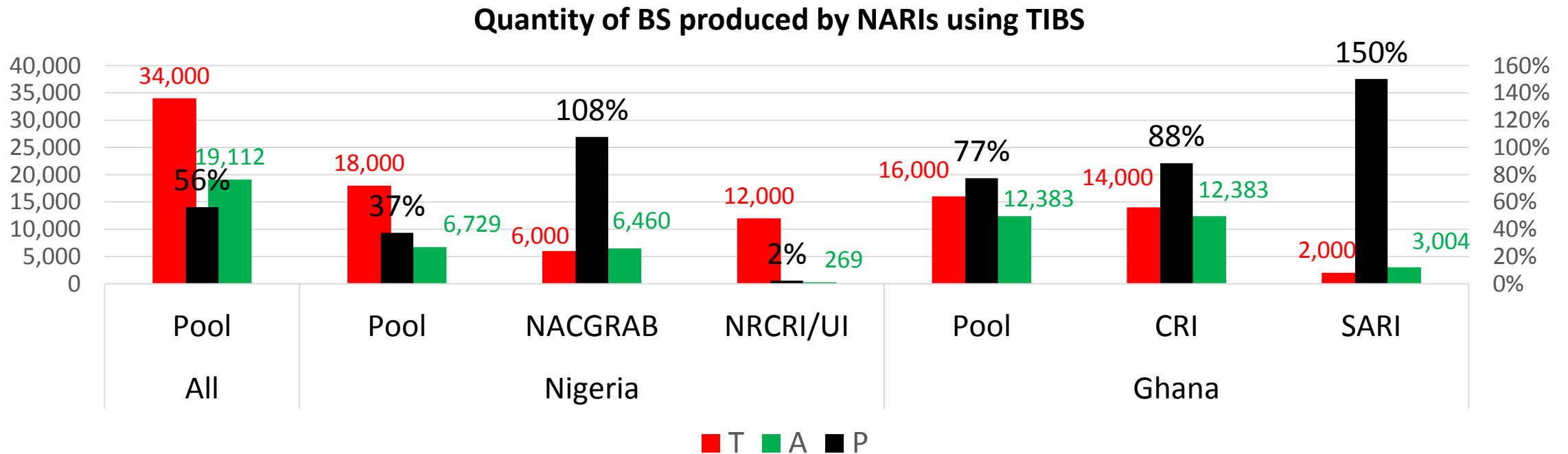
Quantity of BS yam planting materials produced by NARIs



Source: IITA

1.1. Strengthened national research centers to sustainably and commercially produce high quality breeder yam of improved varieties Ct...

1.1.5. At least one fully functional temporary Immersion Bioreactor System (TIBS) established in Nigeria (at NACGRAB and UI or NRCRI) and in Ghana at CRI and SARI by end of year 2018 and backstopped annually

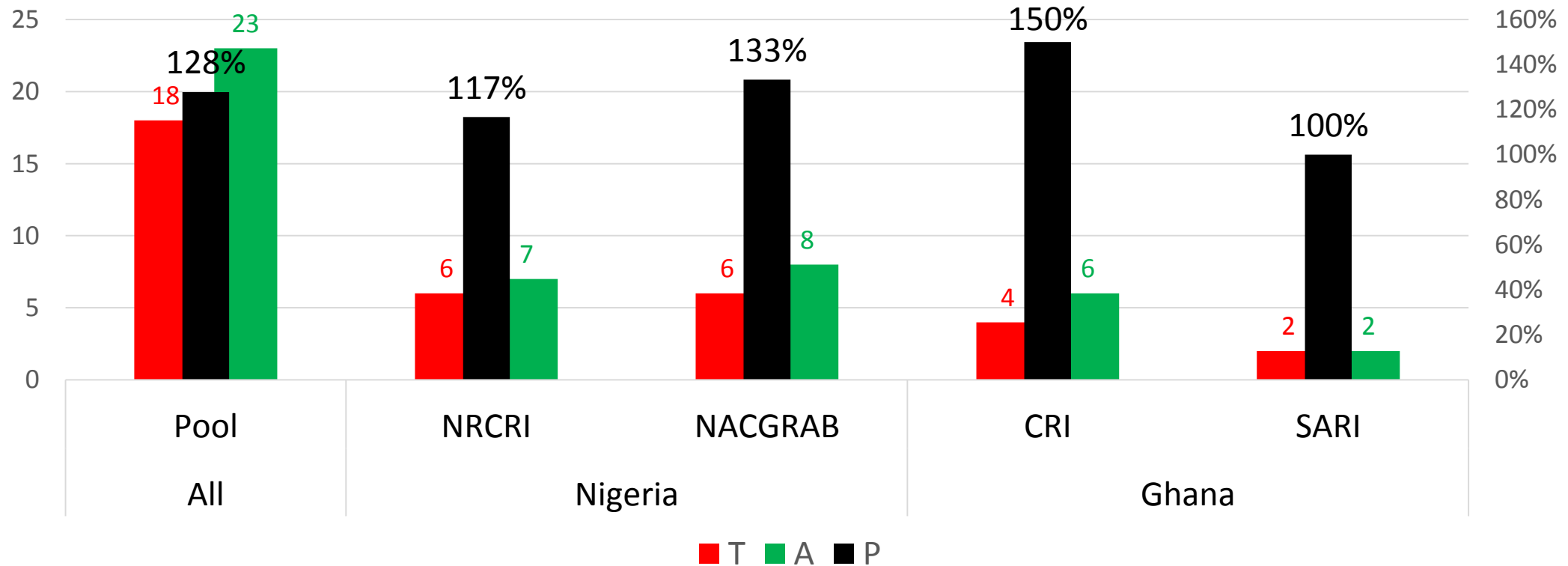


Source: IITA

1.1. Strengthened national research centers to sustainably and commercially produce high quality breeder seed yam of improved varieties Ct...

1.1.6. Context/Sahel has developed, demonstrated, and trained researchers at NACGRAB, NRCRI and CRI and SARI on business model for breeder planting material using TIBS (Business components)

Researchers trained on business model for pre-basic planting material using TIBS



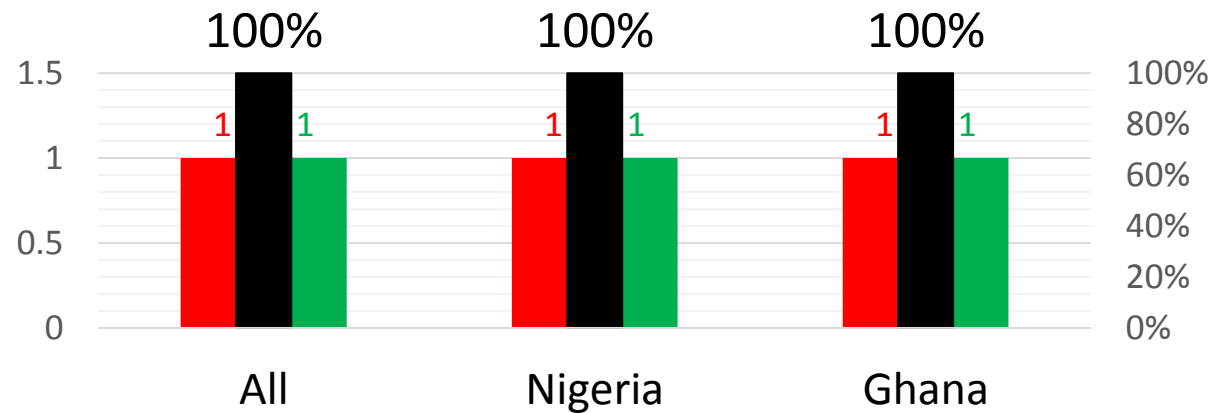
Source: Context

1.2. Strengthened national regulatory bodies for coordination, effective seed yam quality control and certification to enable quality seed yam production and efficient seed yam supply chain in Nigeria and Ghana

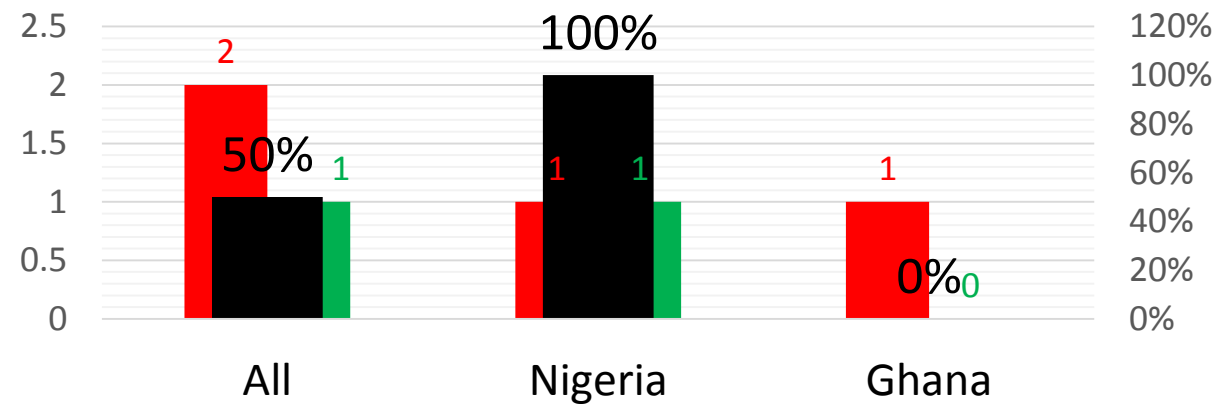
1.2.1. 'Yam Seed Tracker (YST)' platform adopted and used for seed certification by the regulators in Nigeria and Ghana by 2019

Yam seed tracker platform established by IITA

■ T ■ A ■ P



Staff trained on utilization of the Yam Seed Tracker



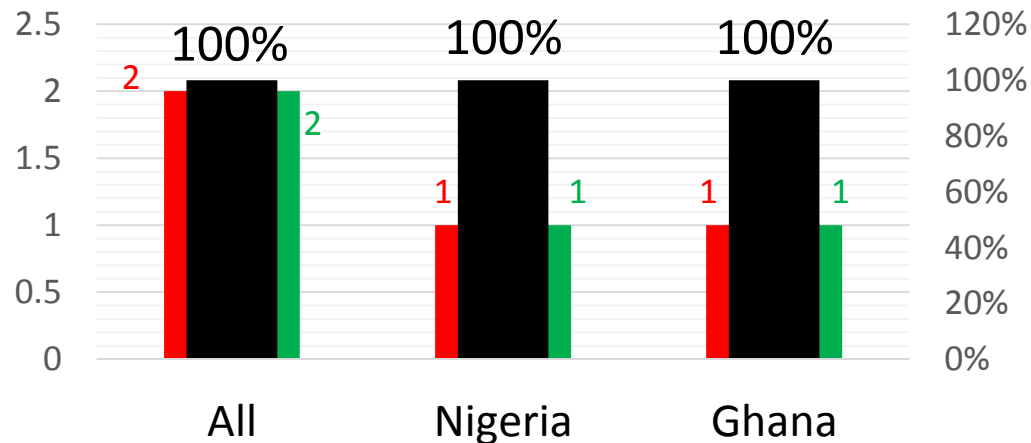
Source: IITA

1.2. Strengthened national regulatory bodies for coordination, effective seed yam quality control and certification to enable quality seed yam production and efficient seed yam supply chain in Nigeria and Ghana Ct...

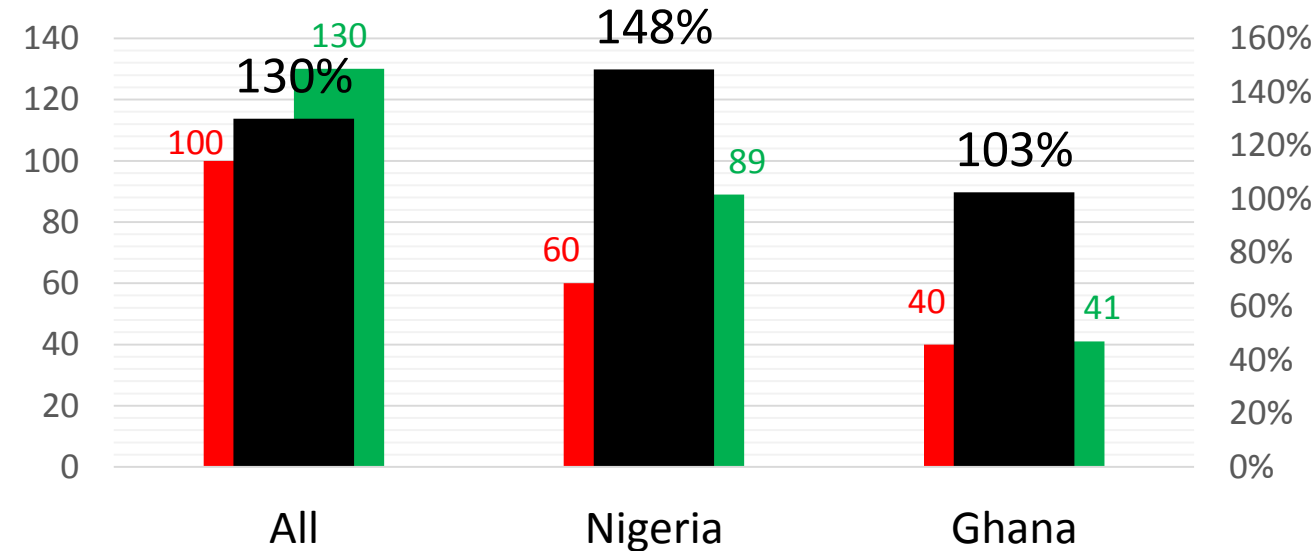
1.2.3. Stakeholders' forum for coordination of seed production established in Ghana and Nigeria (bringing together producers and marketers of all classes of seed, input suppliers, policy makers, etc.)

Seed yam production coordination forum established

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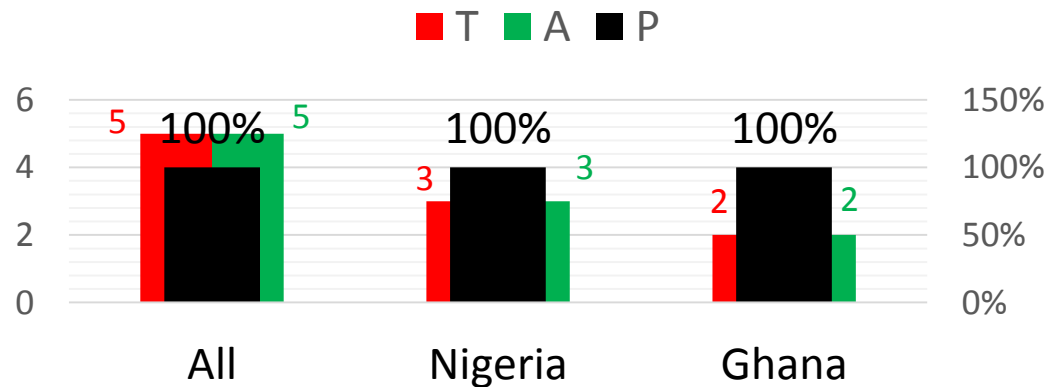
Participants at coordination forum



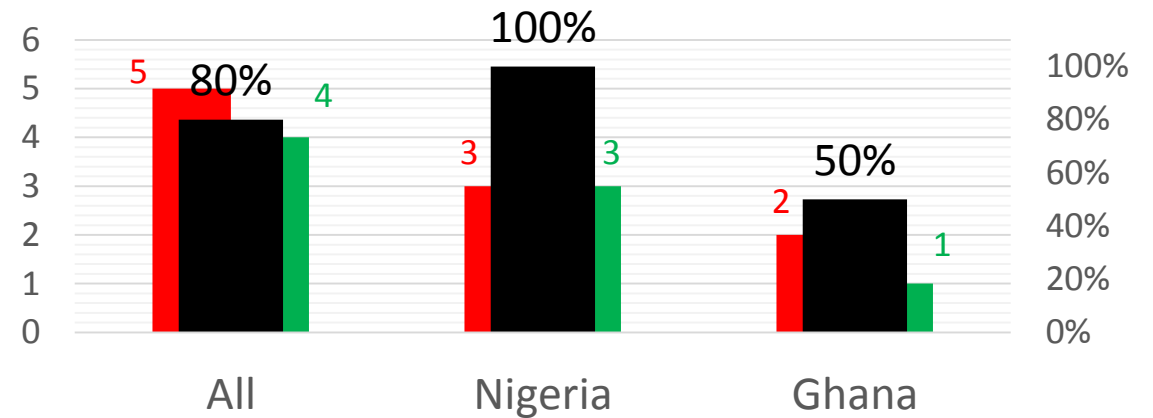
Source: IITA

1.3. Increased awareness of the demonstrated economic contribution of the yam sector to the national Agricultural GDP leading to increased investments and prioritization by state, national, regional and international programs as well as private sector

Relevant documents discussing increased yam profile through various fora



New investments made as a result of various engagements for increased awareness of yam



- 2 Donor mapping reports on yam investments in Ghana and Nigeria;
- 2 Reports from 2019 on new investments by the public and development agencies on yam

Source: IITA

1.4. At least 50% of the targeted states and regions in Nigeria and Ghana, respectively include yam in their priority list for investments by Year 5

1.4.2. One National awareness workshop conducted in year 2019 by the yam champions with the policy and decision makers, development partners and private sector at state, national and regional levels



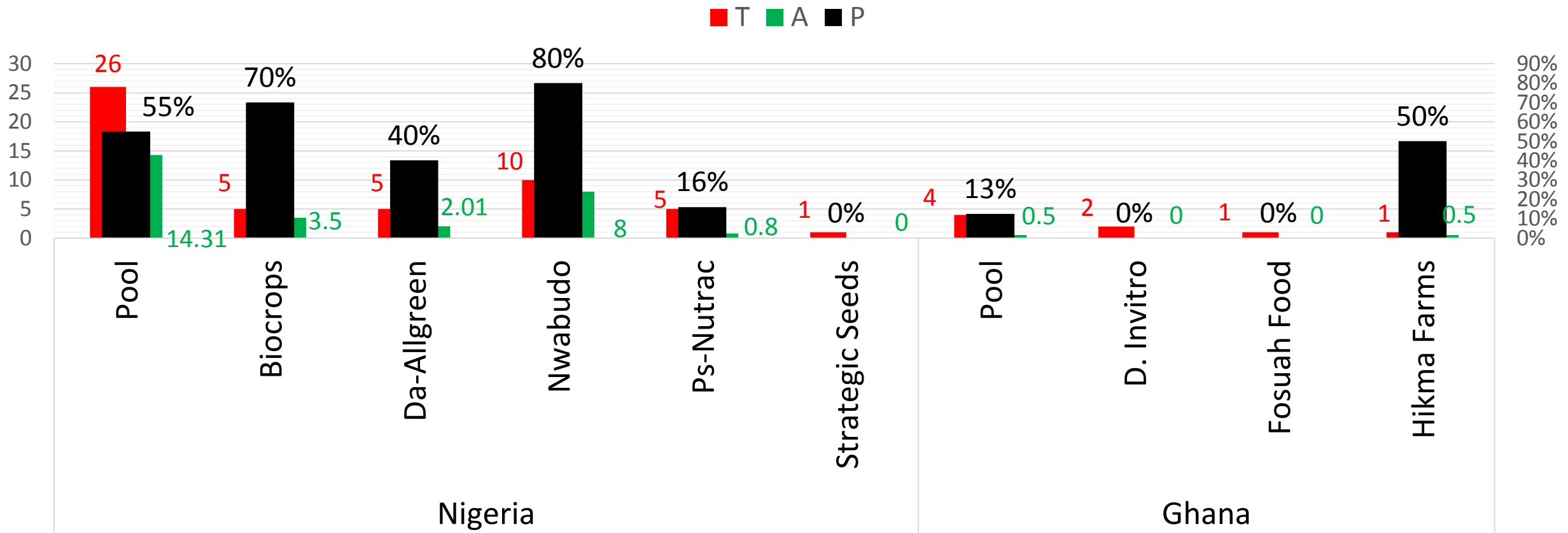
Source: IITA

Primary Outcome 2

Established functional, scalable and sustainable basic and commercial seed system driven by private sector

IO6b Established functional, scalable and sustainable basic and commercial seed system driven by private sector

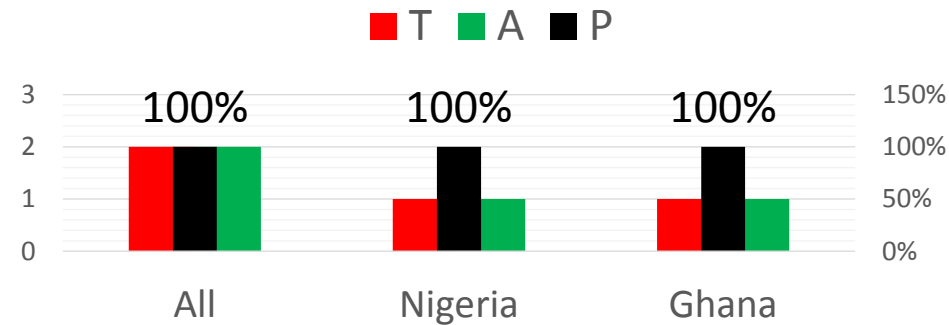
Area in ha planted using foundation seed yam produced by private seed companies



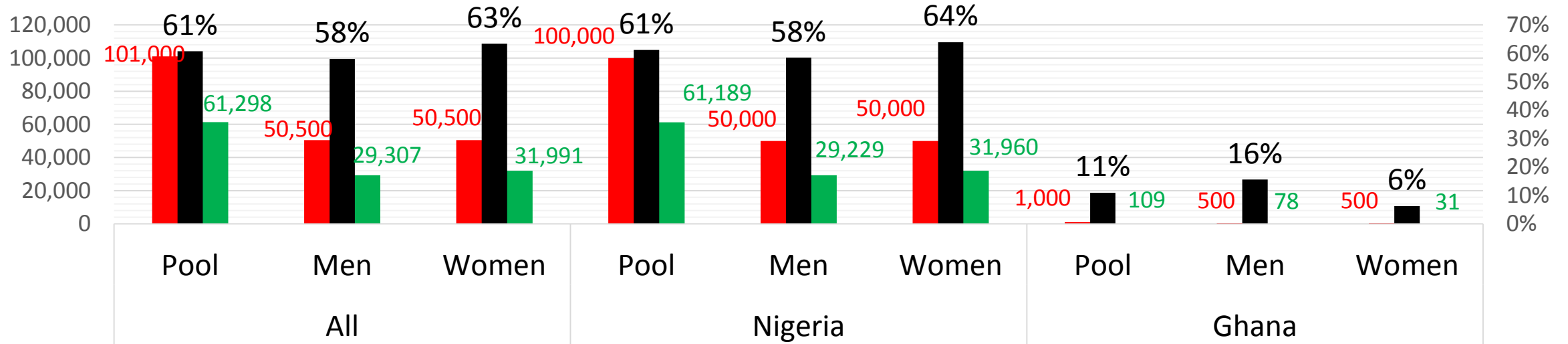
Source: Seed companies

2.2.3. At least 3 marketing messages developed and delivered via (media) outlets reaching ~640,000 people. Tools and portfolio of information to increase farmers awareness on improved yam varieties produced and promoted

Marketing messages developed and delivered



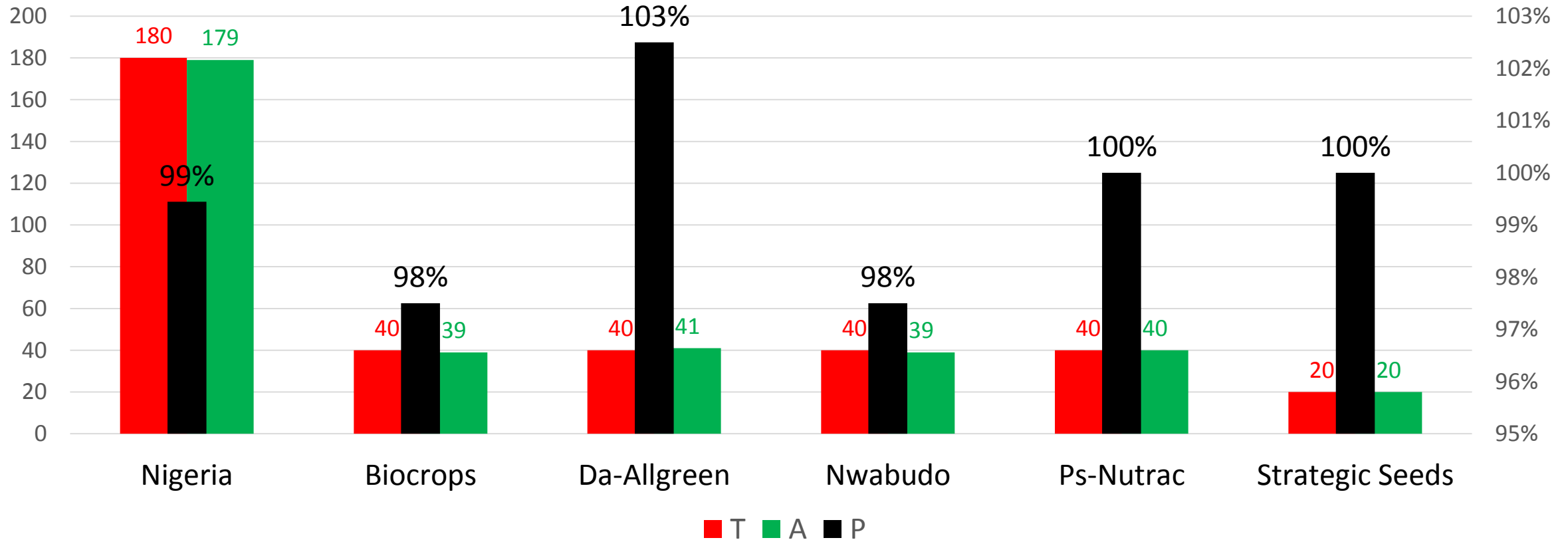
People reached with marketing messages



Source: Context

2.2.4. At least 190 certified seed producers equipped with ToT tool kit (integration of GAP aimed at ware production and improved varieties) have used it to train SHF

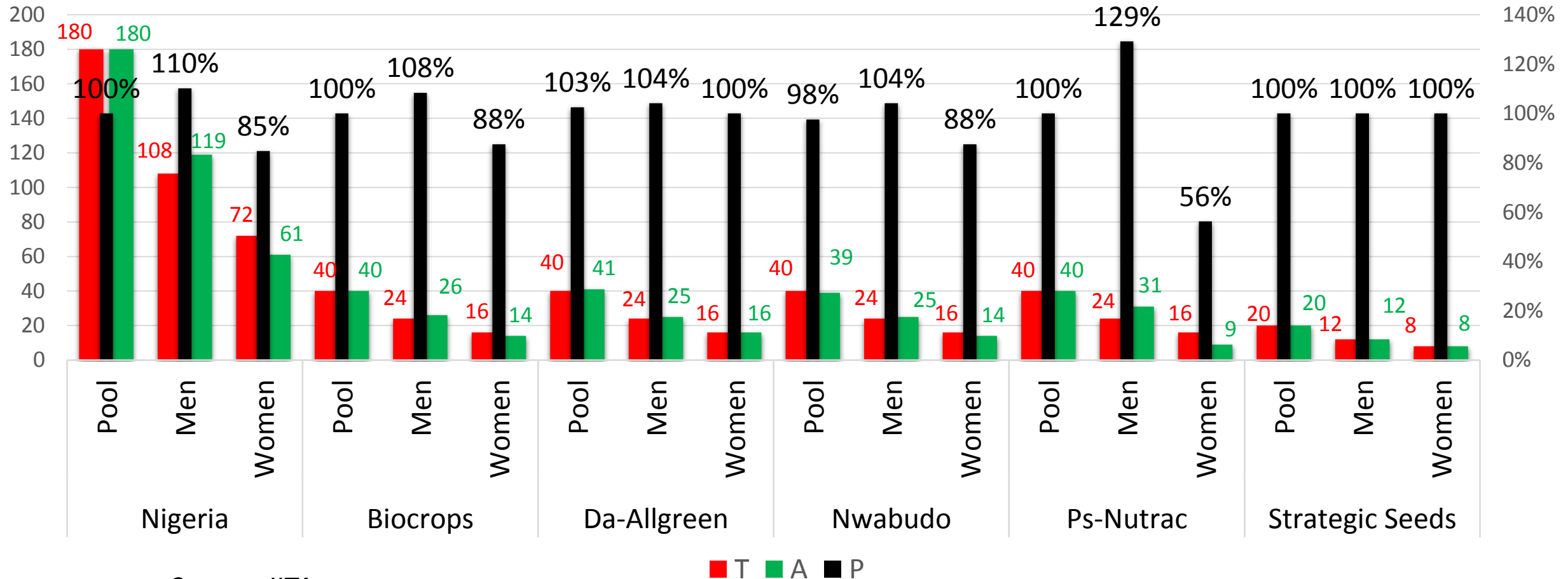
Ware yam demonstration sites established



Source: IITA

2.2.4. At least 190 certified seed producers equipped with ToT tool kit (integration of GAP aimed at ware production and improved varieties) have used it to train SHF Ct...

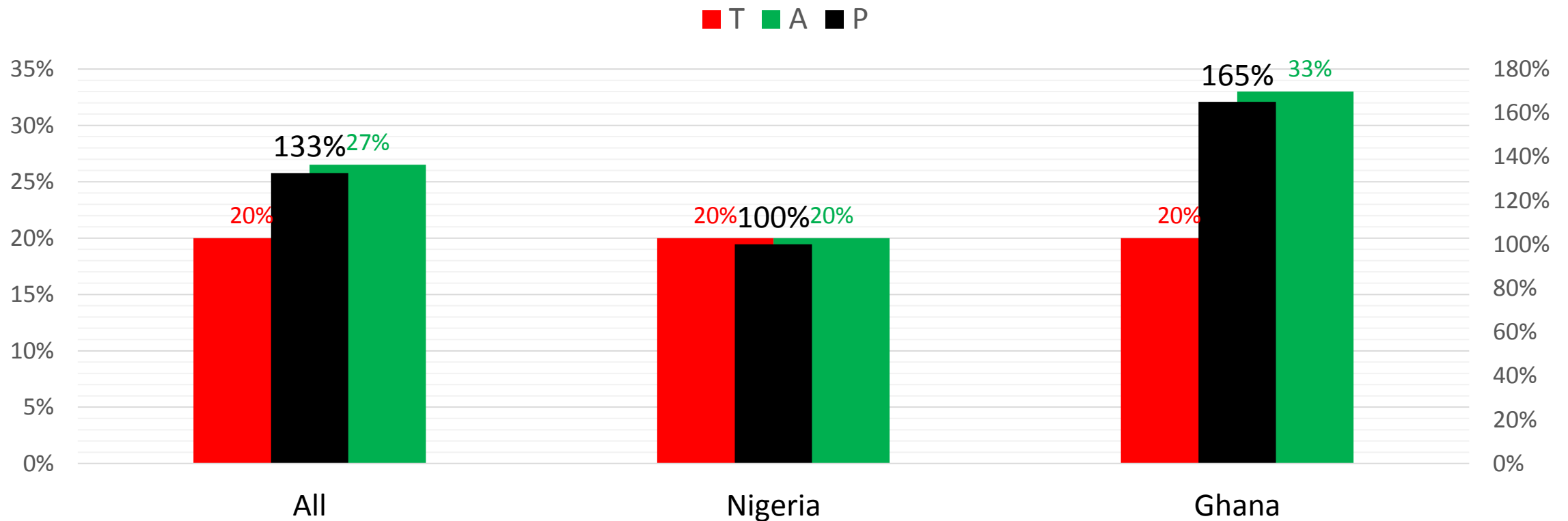
Smallholder farmers trained for yam demonstration sites established



Source: IITA

2.3 Increased opportunities for women to earn income in commercial seed production and distribution

% Private commercial seed company partners owned/managed by women

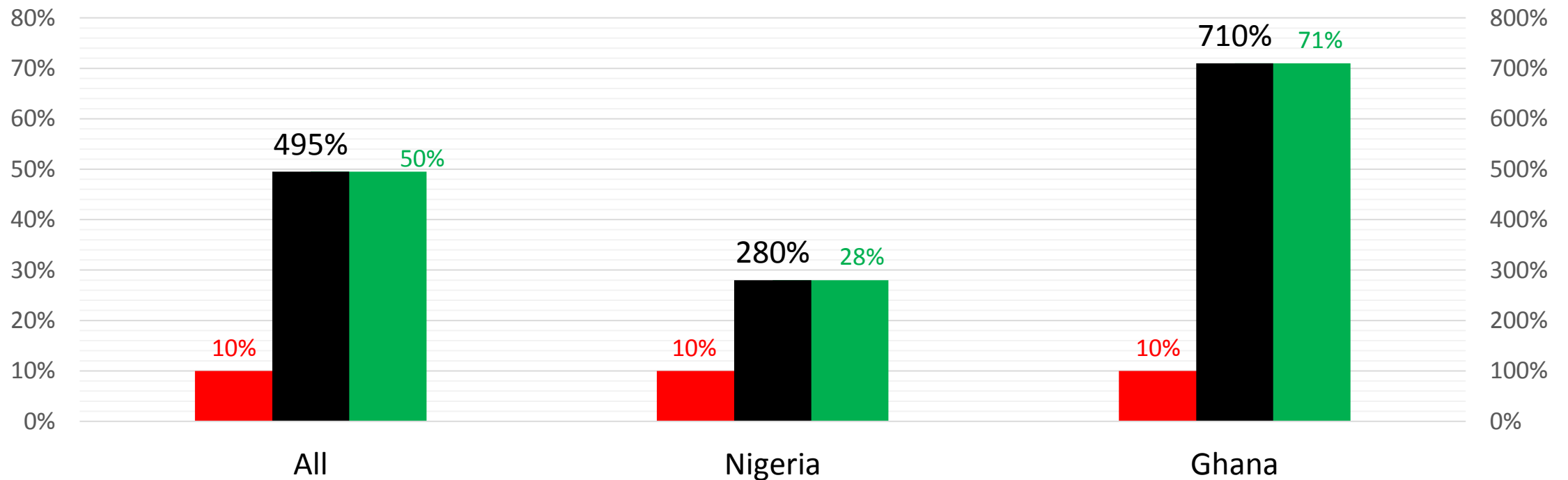


Source: IITA

2.3.2. At least 40% of staff or seed entrepreneurs contracted by the private companies in the seed yam value chain are women

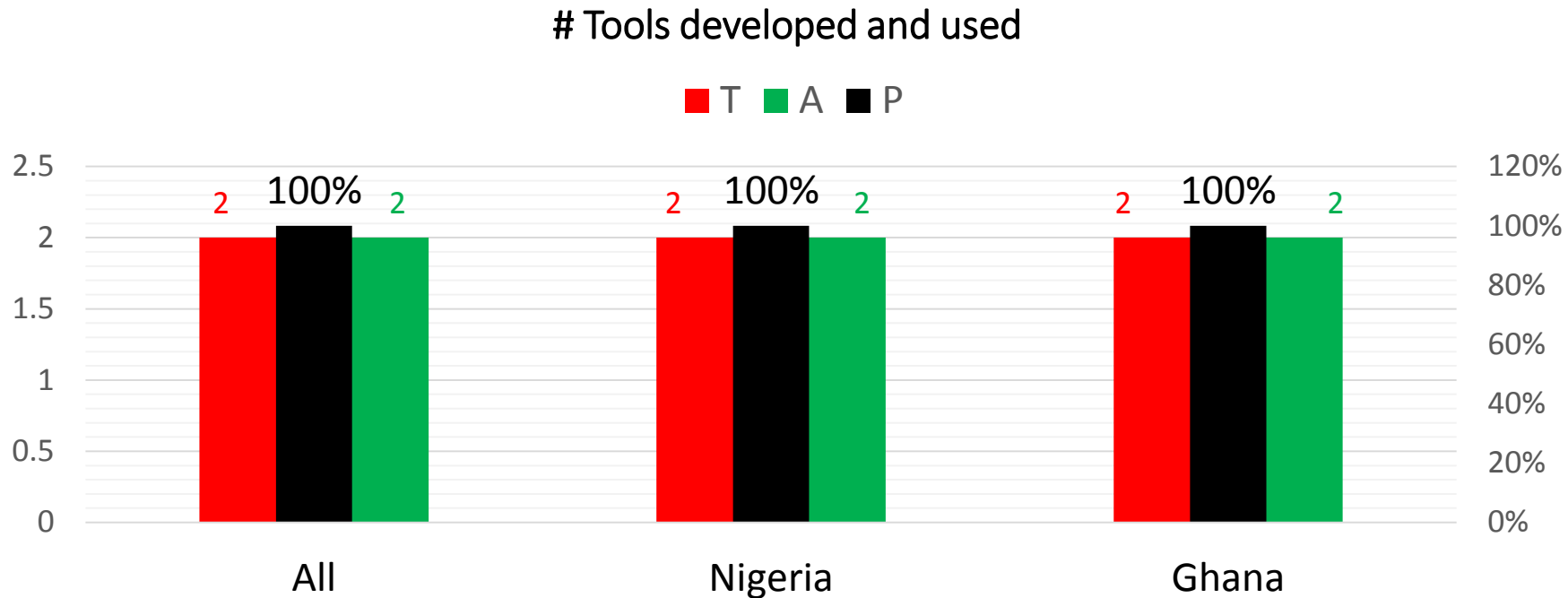
% Women of seed entrepreneurs contracted by the private company partners in the seed yam value chain

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2.5. Fit-for-purpose quality assurance systems for seed yam quality established

2.5.1. New tools (at least one digital guides and quick indexing tool for YMV and YMMVs) for seed yam quality inspection developed and used in Nigeria and Ghana



Source: IITA

Evaluation & Learning

Case Studies

Case Study 1

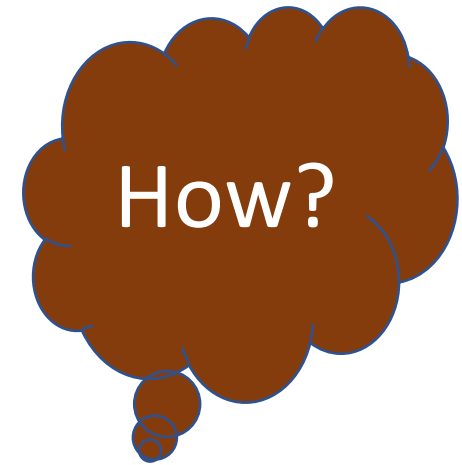
Evaluate GAP training programme for establishing ware yam demonstration fields using project promoted varieties

Asiedu- Kpamyo – Swaswa vs Local best

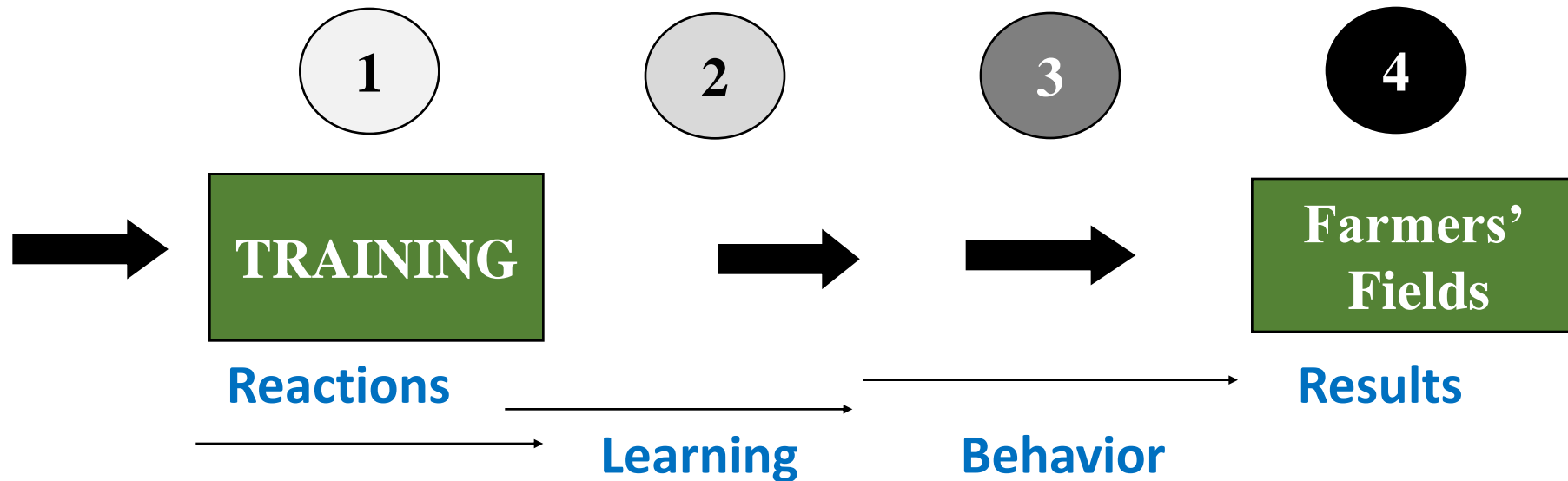


- ✓ Provide the data needed to demonstrate that training does provide benefits to the project and all the target beneficiaries;
- ✓ Identify strengths and weaknesses of the programme;
- ✓ Assess whether organisation, content, administration and management of the programme contribute to learning;
- ✓ Profile and Distinguish trainees who benefited most or least from the programme

Level	Criteria	Focus
4	Results	Business results achieved by trainees
3	Behavior	Improvement of behavior on the job
2	Learning	Acquisition of knowledge, skills, attitudes, behavior
1	Reactions	Trainee satisfaction



Kirkpatrick's Four-Level Framework of Evaluation Criteria





How?

Materials & Methods

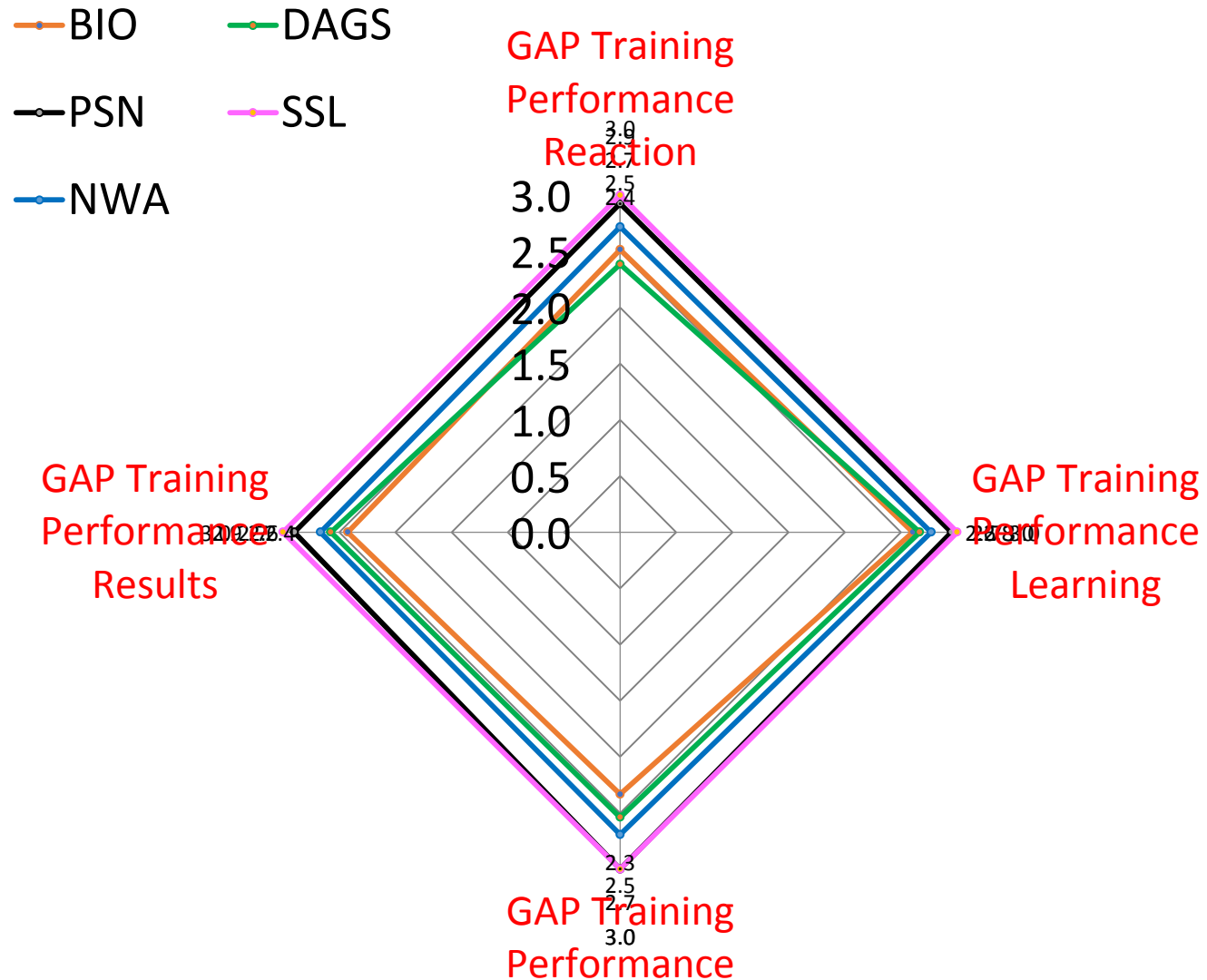
- Observation,
- GPS receiver and
- Measuring tape for field data collection
- Well-structured questionnaire including:
 - Farmer's details,
 - Field information,
 - GAP training performance,
 - Field assessment before planting,
 - Field assessment during and after planting,
 - Seed security,
 - Farmer's general assessment on the yam varieties planted, and
 - General appreciation from the project team
- 179 demonstration fields visited in Nigeria
- 5 private seed companies
 - Strategic Seeds Limited (SSL)
 - Da-Allgreen Seeds Limited (DAGS)
 - Nwabudo Agro Seeds Limited (NWA)
 - Biocrops Biotechnology Company Limited (BIO) and
 - PS Nutraceuticals International Limited (PSN)
- 10 states in Nigeria: Abia, Benue, Ebonyi, Enugu, Ogun, Oyo, Kaduna, Nasarawa

S/N	A. GAP training performance	Grade			
		0	1	2	3
1	Reaction - How did the farmer reacts to the training?				
	0 = The farmer was not satisfied with the training; 1 = S/He had little satisfaction from the training; 2 = S/He was satisfied with the training; 3 = S/He was very satisfied with the training.				
2	Learning - What knowledge, skills or experience did the farmer gain?				
	0 = Nothing was gained; 1 = S/He gained little from the training workshop; 2 = S/He gained averagely from the training workshop; 3 = S/He gained much from the training workshop.				
3	Transfer – Was there any change in behaviour?				
	0 = No learned knowledge and gained skills were used; 1 = The farmer used little of the learned knowledge and gained skills; 2 = S/He used averagely the learned knowledge and gained skills; 3 = S/He used fully the learned knowledge and gained skills.				
4	Results – Is there any expected positive impact?				
	0 = No positive result expected; 1 = Few positive results expected; 2 = Average positive results expected; 3 = Much of positive results expected.				

Portion of the questionnaire on training with grades ranging from 0 to 3

Results of the different dimensions into radar plots, with scores for each indicator ranging from 0 to 3

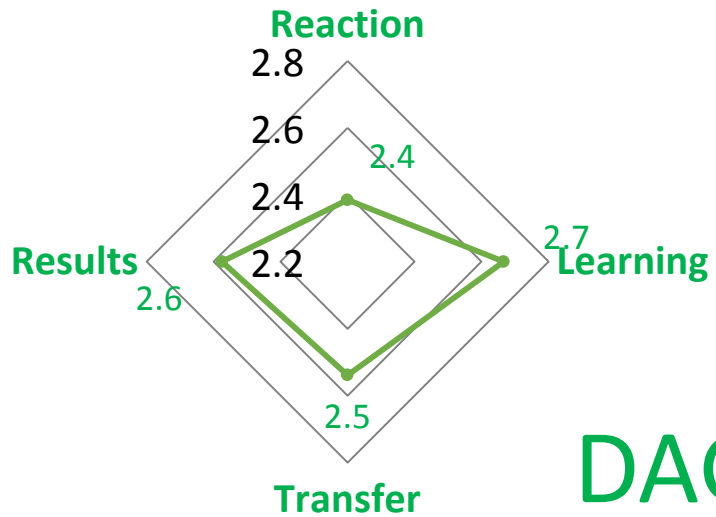
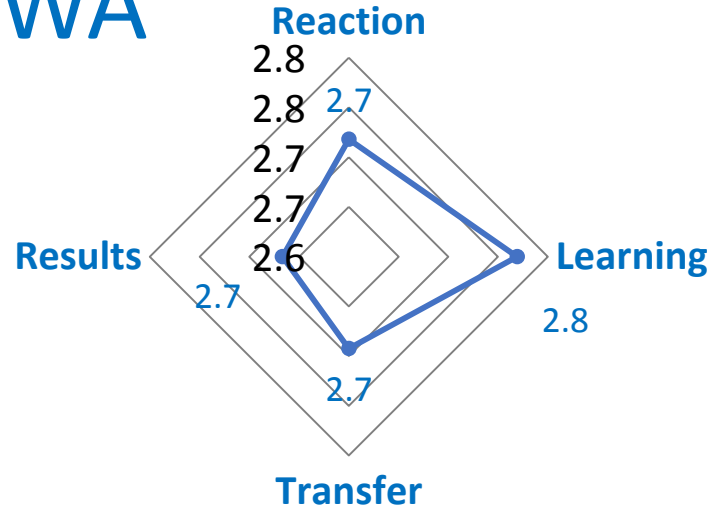
GAP Training Programme Evaluation by seed Company



Performance indicators with grades

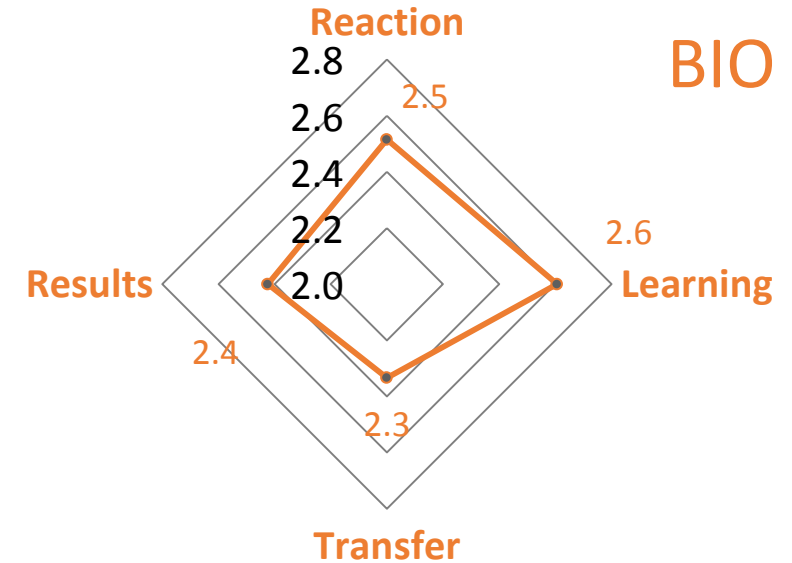
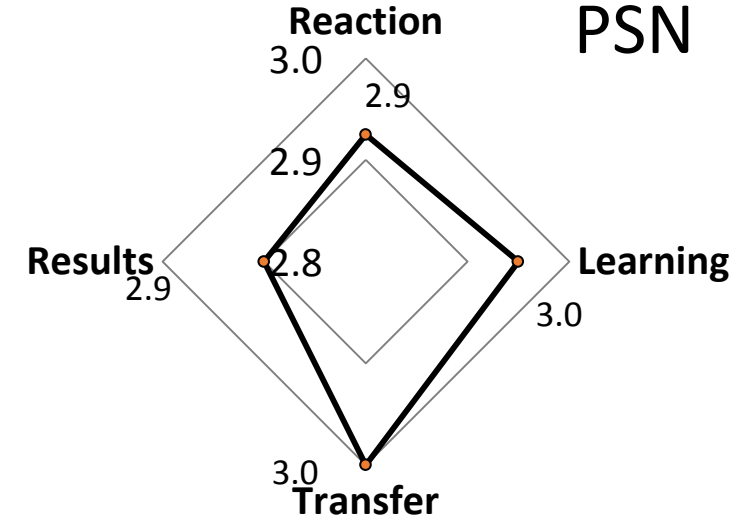
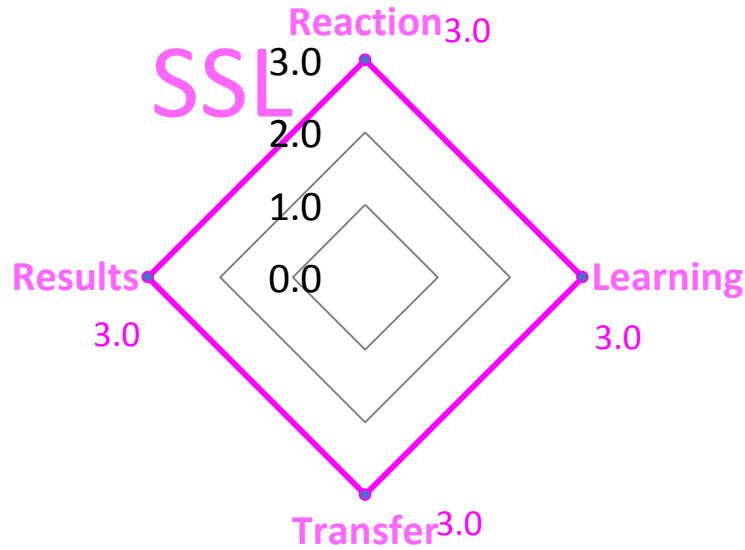
- 1 and below indicate priority areas of work;
- Above 1 to 2,4 indicate areas for strengthening;
- From 2,5 and above indicate areas that require good performance sustainability.

NWA



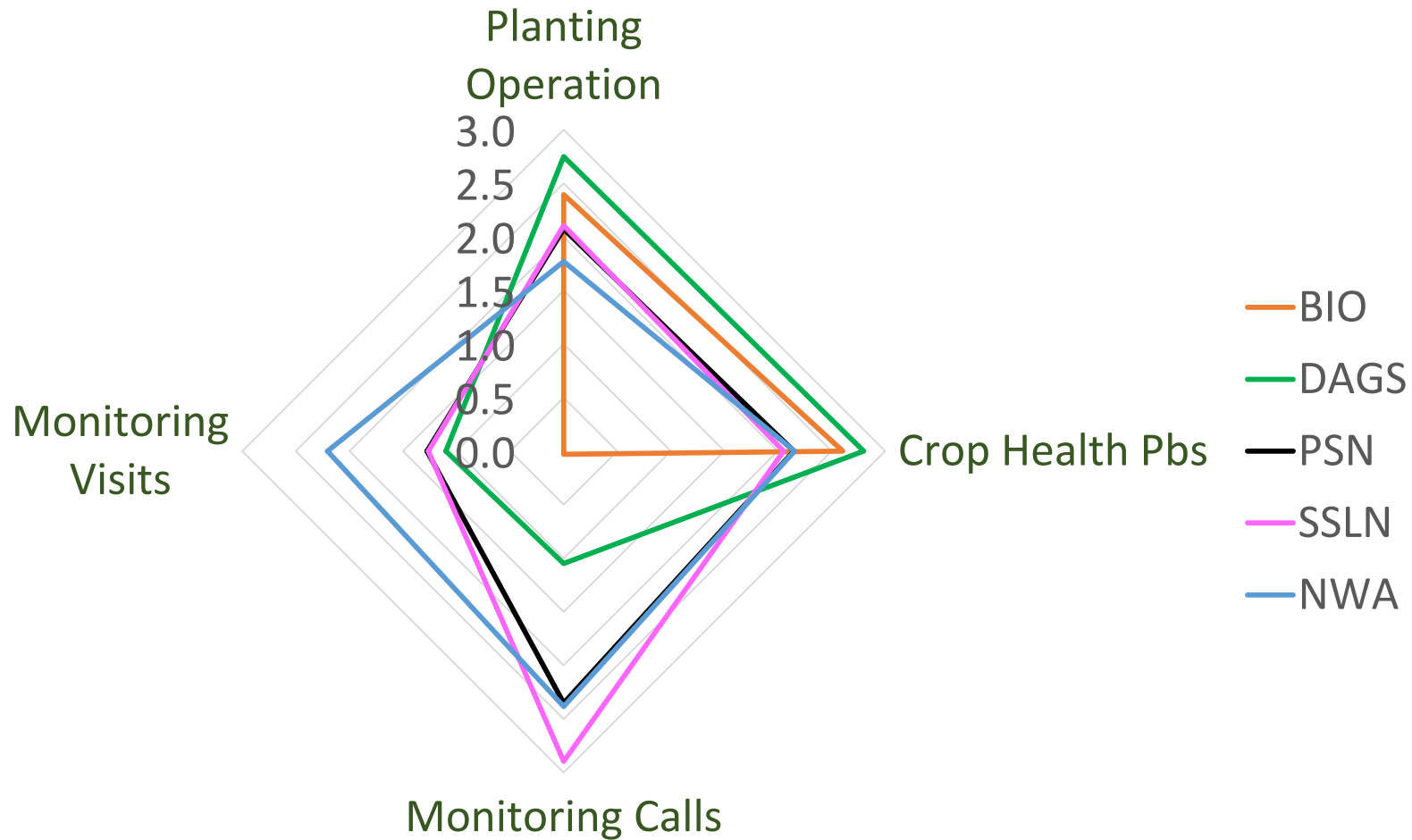
DAGS

Detailed Results of GAP training performance

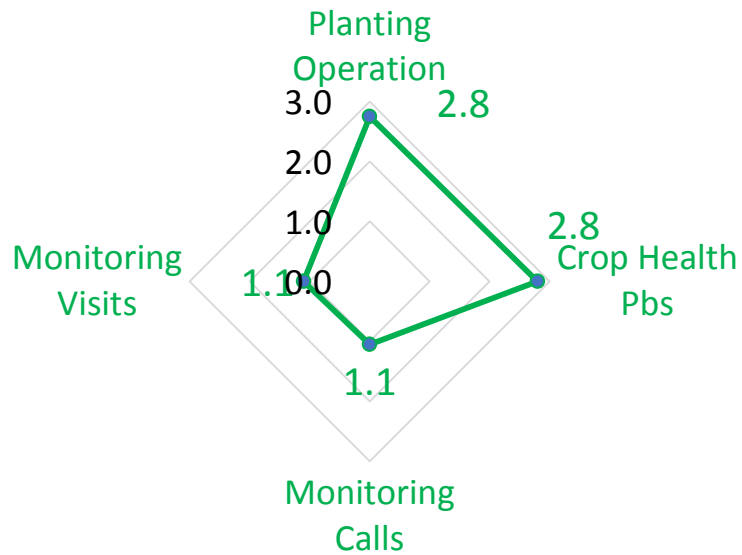
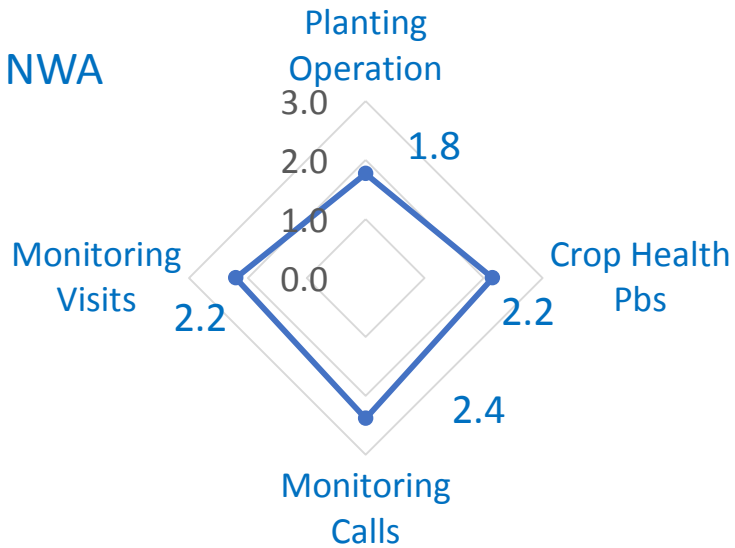


Results of the field assessment during and after planting

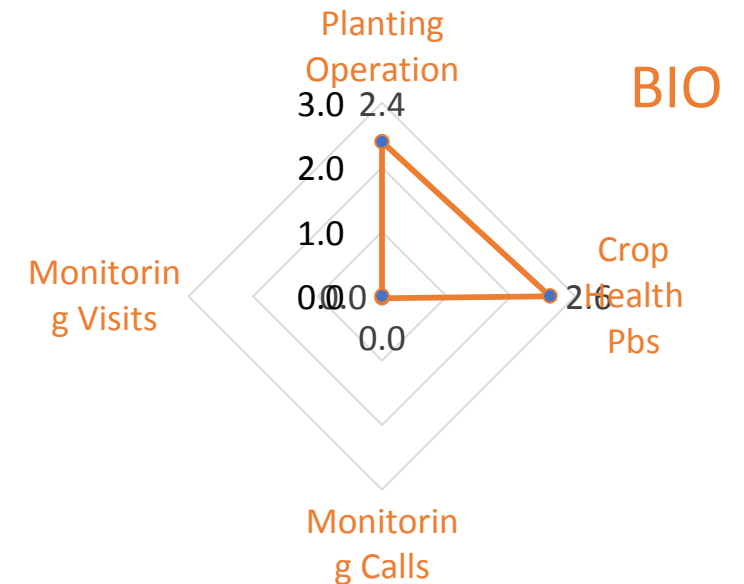
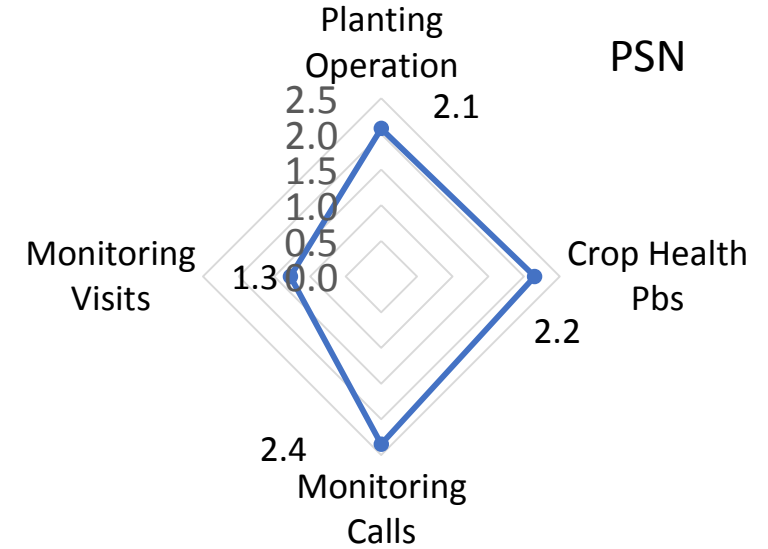
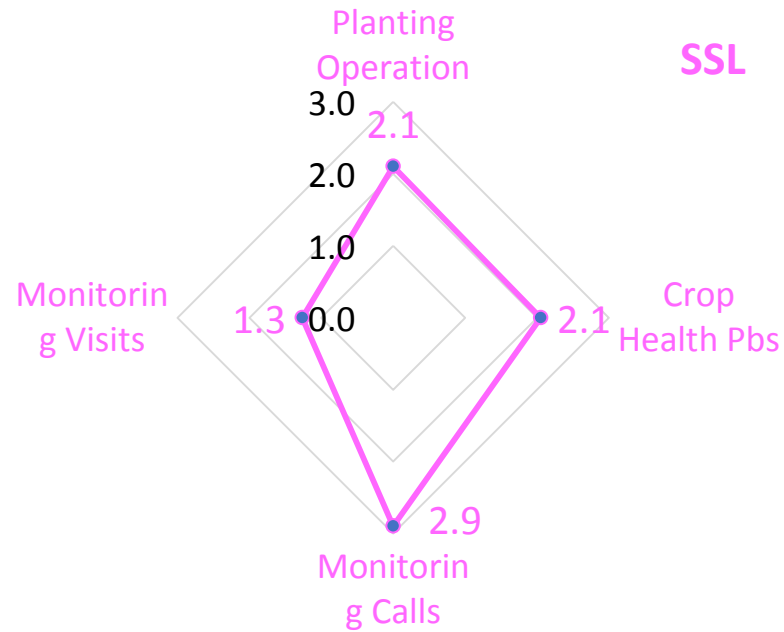
1	Planting operation
	0 = No appropriate planting (no treatment, late planting, wrong spacing); 1 = Treated PM used; 2 = In addition to 1, Right time of planting observed; 3 = In addition to 1&2, Right spacing (1m x 1m) observed.
2	Crop health problems
	0 = Less than 25% of the plants appear healthy; 1 = Between 25 and 49% of the plants appear healthy; 2 = Between 50 and 75% of the plants appear healthy; 3 = More than 75% of the plants appear healthy.
3	Calls on progress of demo
	0 = There is no call at all from seed company; 1 = Only one call from seed company was made on progress of demo; 2 = Two calls from seed company were made on progress of demo;; 3 = Regular calls from seed company were made on progress of demo;.
4	Field Monitoring visits
	0 = There is no visit at all from seed company; 1 = Only one visit from seed company was made on progress of demo; 2 = Two visits from seed company were made on progress of demo;; 3 = Regular visits from seed company were made on progress of demo;.



NWA

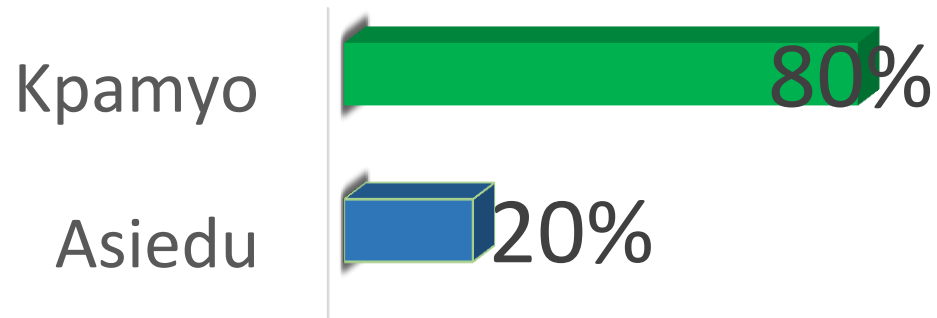


Detailed Results of field assessment during and after planting

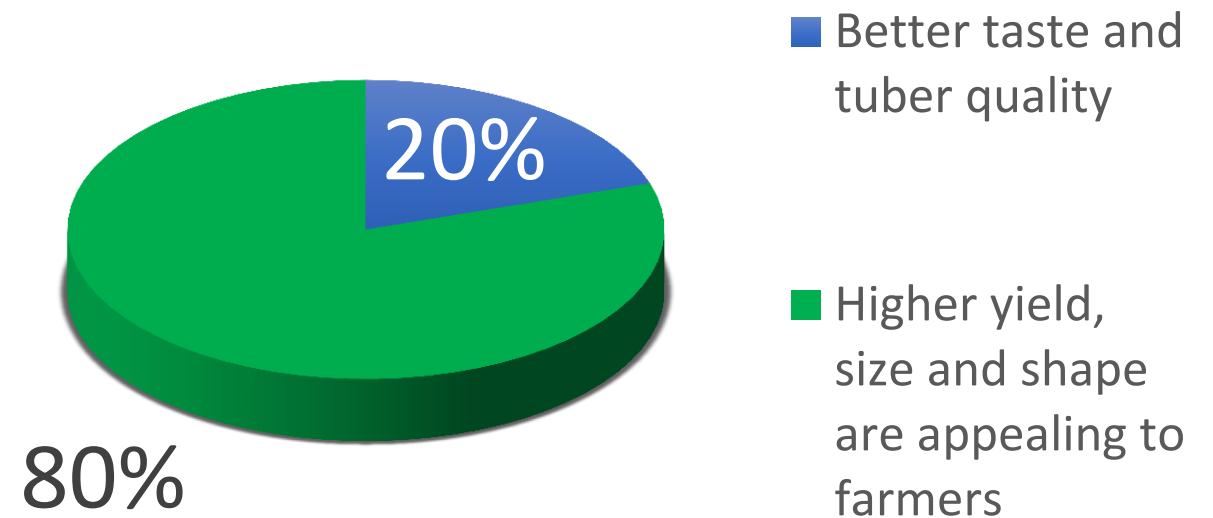


Case Study 2

First Improved variety likely to record market highest demand?

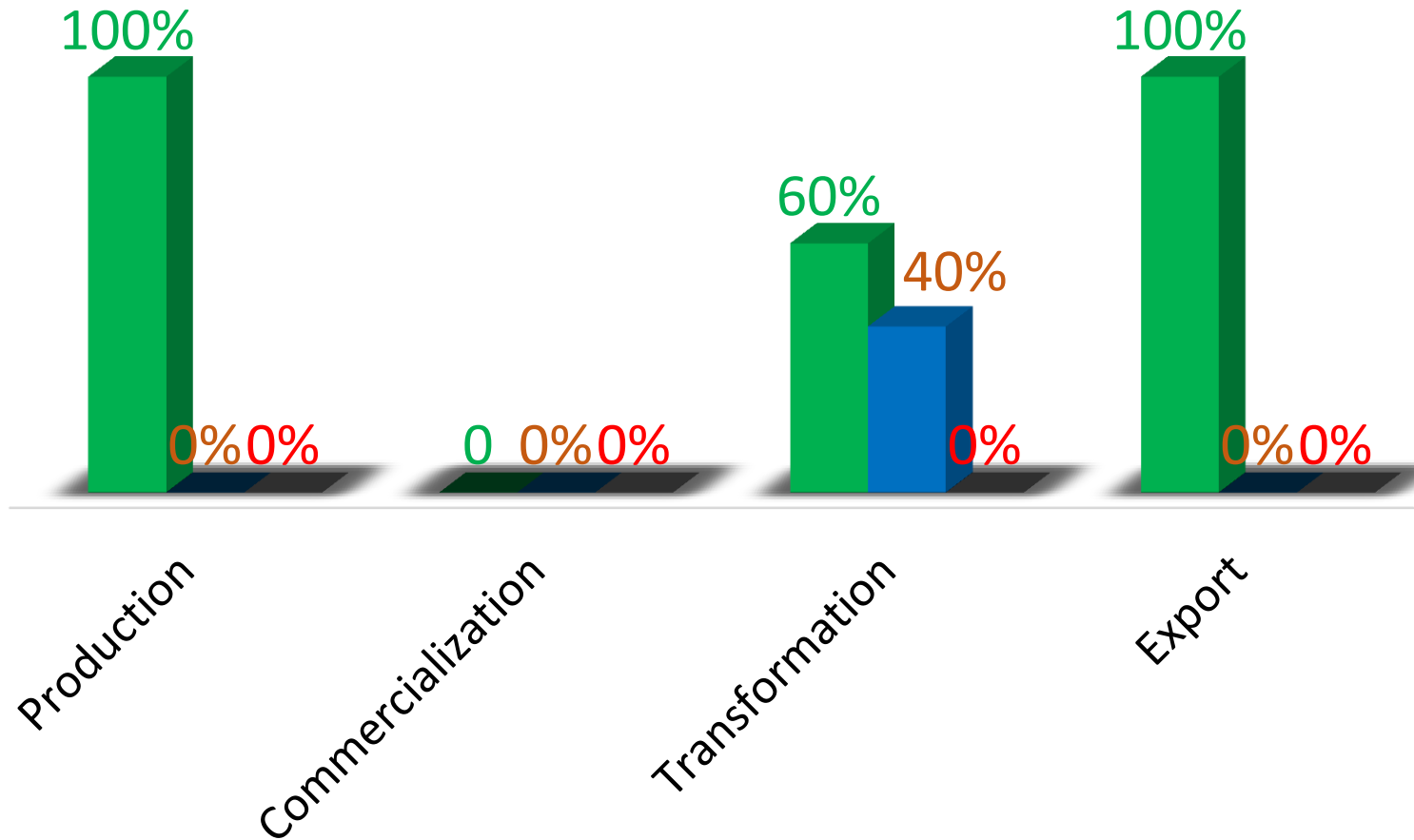


Reasons behind



Trend in the next 5 years

■ Increasing ■ Constant ■ Decreasing



Anticipated main challenge confronting sales

- Storage related issues (3X)
- Transportation costs (1X)
- More than storage related issues

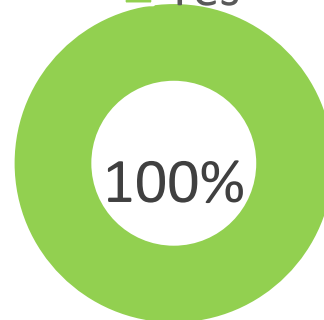
General perception of customers about improved vars

■ Satisfied



Are all your potential clients ready for adoption?

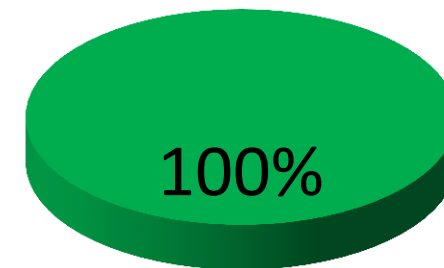
■ Yes



*...function of effective demand at a Price x

Meeting customers' needs in terms of quality?

■ Yes



3

KEY TAKEAWAYS

Following the review of achievements under the primary outcomes

- Overall, the project attained and/or exceeded the majority of its Y2019 planned outputs though more efforts are needed to achieve few outputs below completion/postponed;
- With regard to gender and women's empowerment the project performed in a satisfactory manner;
- Project sustainability is becoming certain with more facilities in place with national partners, trainings and capacity building, yam system quality documented, ongoing project marketing, etc.

- ✓ Need of turning our **failures/challenges** into **opportunities**;
- ✓ Make sure we **assess alignment of capacities, roles, and interests** of **actors** involved in implementation of further activities;
- ✓ Keep in minds **longer-term view of production activities** rather than supporting the activities for a single season;
- ✓ Emphasis on **strategies to monitor and support production activities** for consecutive years to achieve learning objectives;
- ✓ Keep up with our **sustainability plans**;

Acknowledgments



BILL & MELINDA
GATES foundation

IITA
Transforming African Agriculture
CGIAR

YIIFSWA-II
Yams for Livelihoods

Thank you

Questions?
Comments?
Suggestions?

