



Highlights of N2Africa Agronomic and M&E Results and Lessons for 2017 Planning

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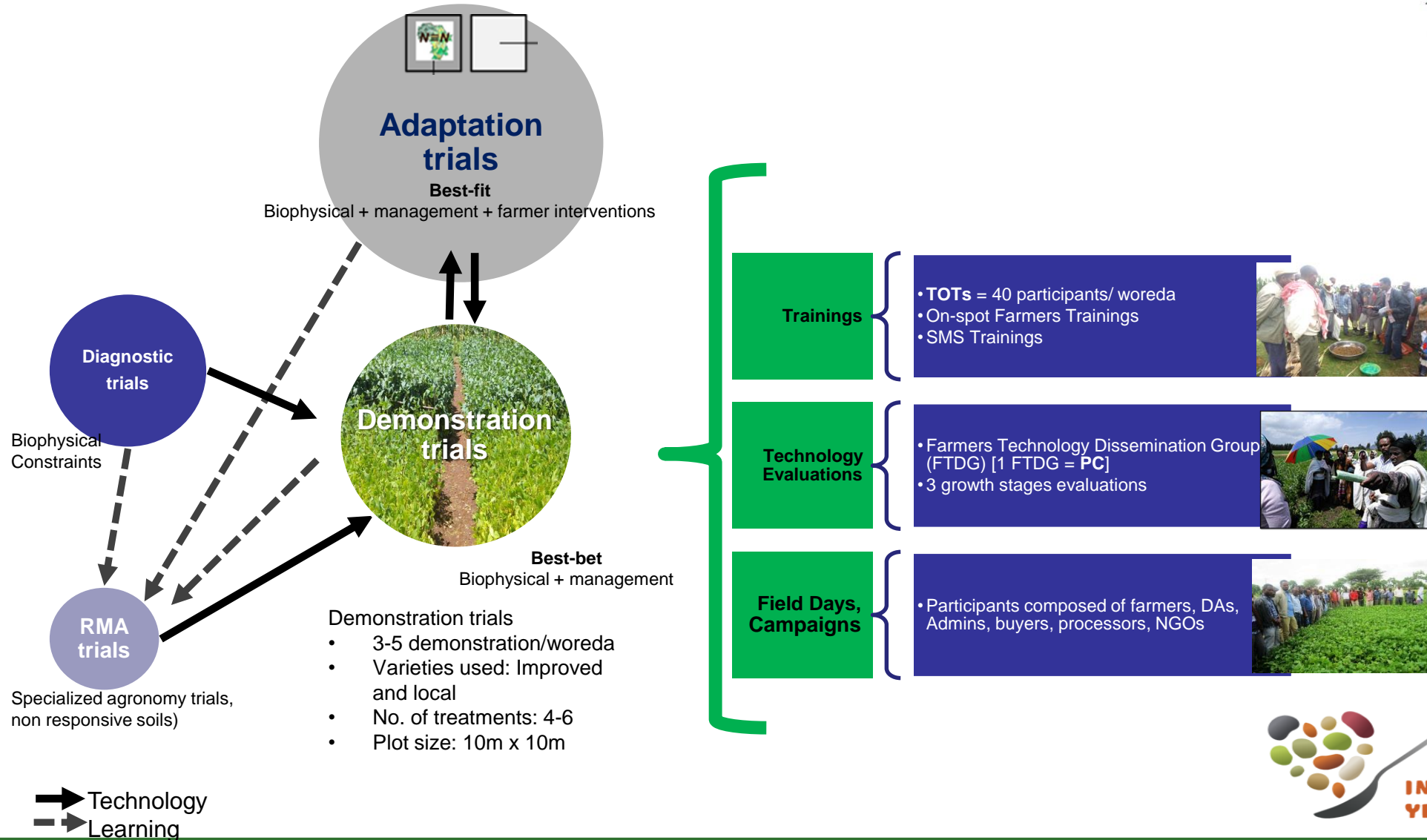
Outline



- Highlights of N2Africa agronomic trials
- N2Africa Data Flows & Online analysis interfaces
- Major achievements and feedbacks
- Lessons learnt & Outlook 2017

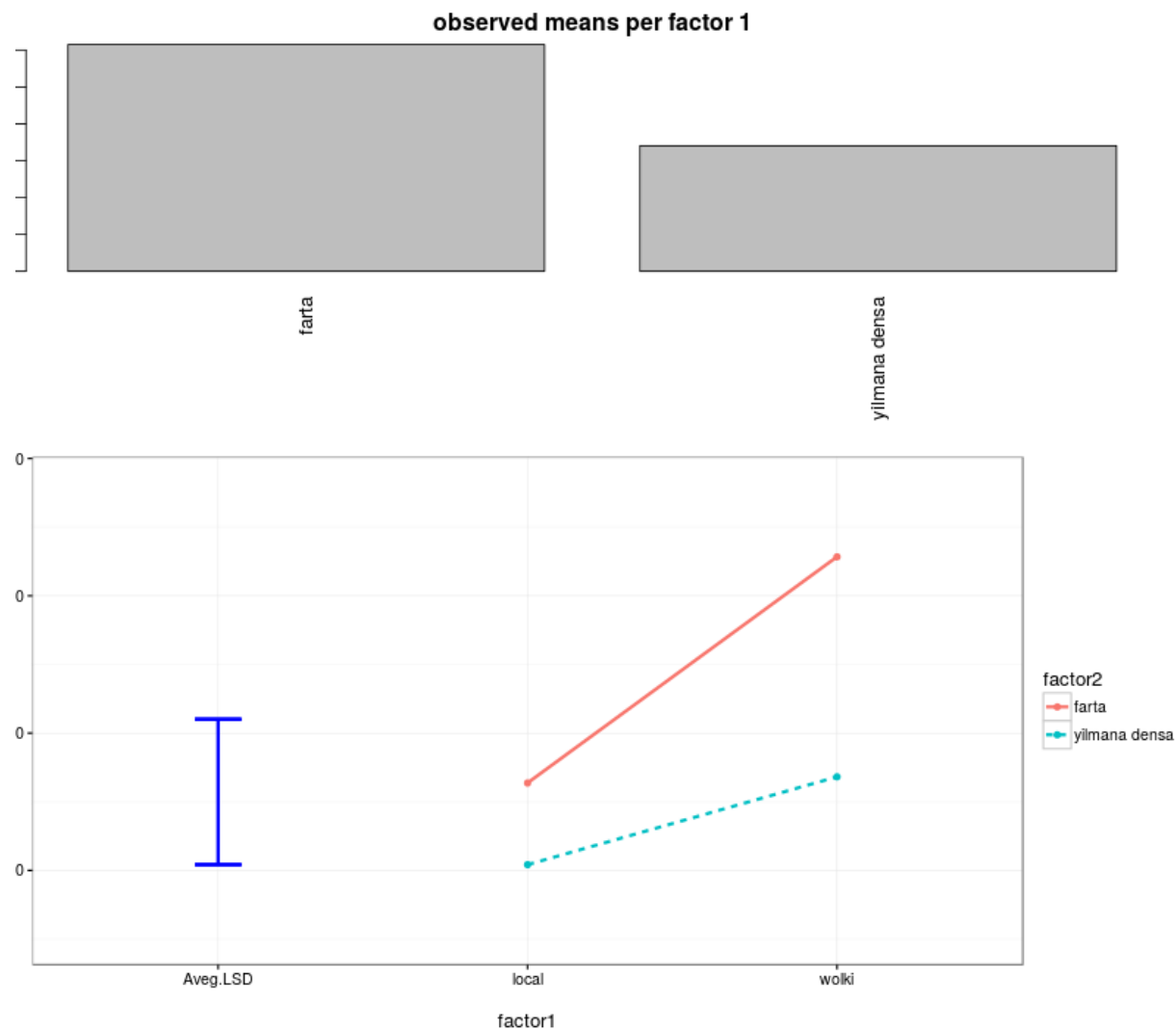


N2Africa Dissemination Approaches



Evidences: agronomic trials

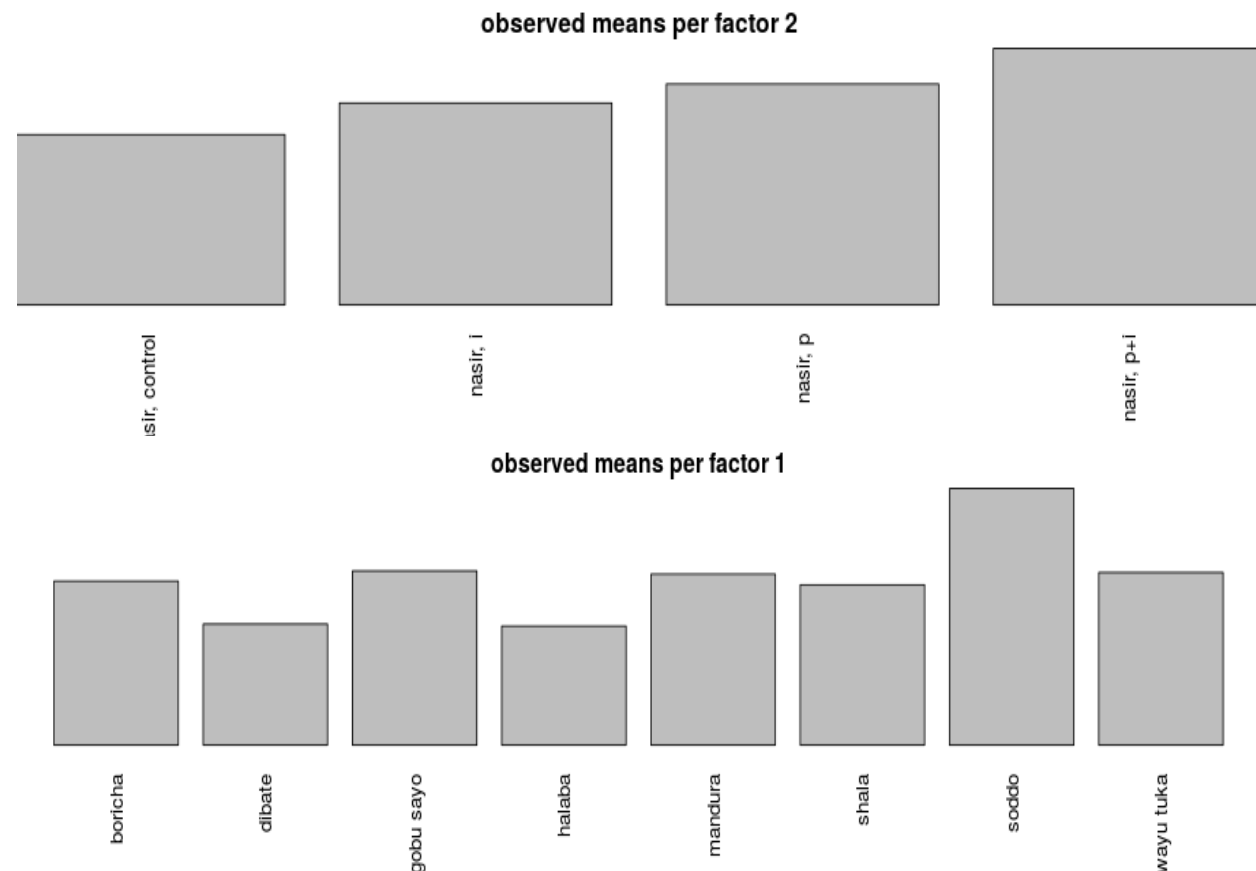
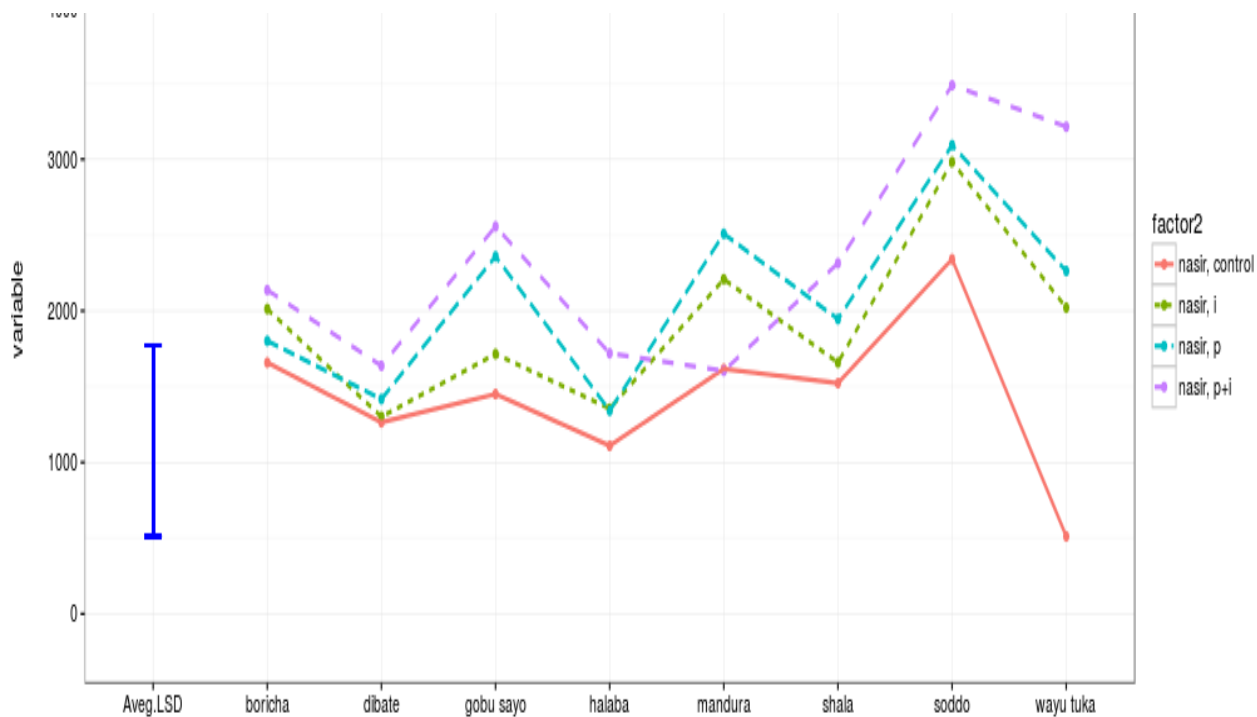
Faba bean results



Putting nitrogen fixation to work for smallholder farmers in Africa

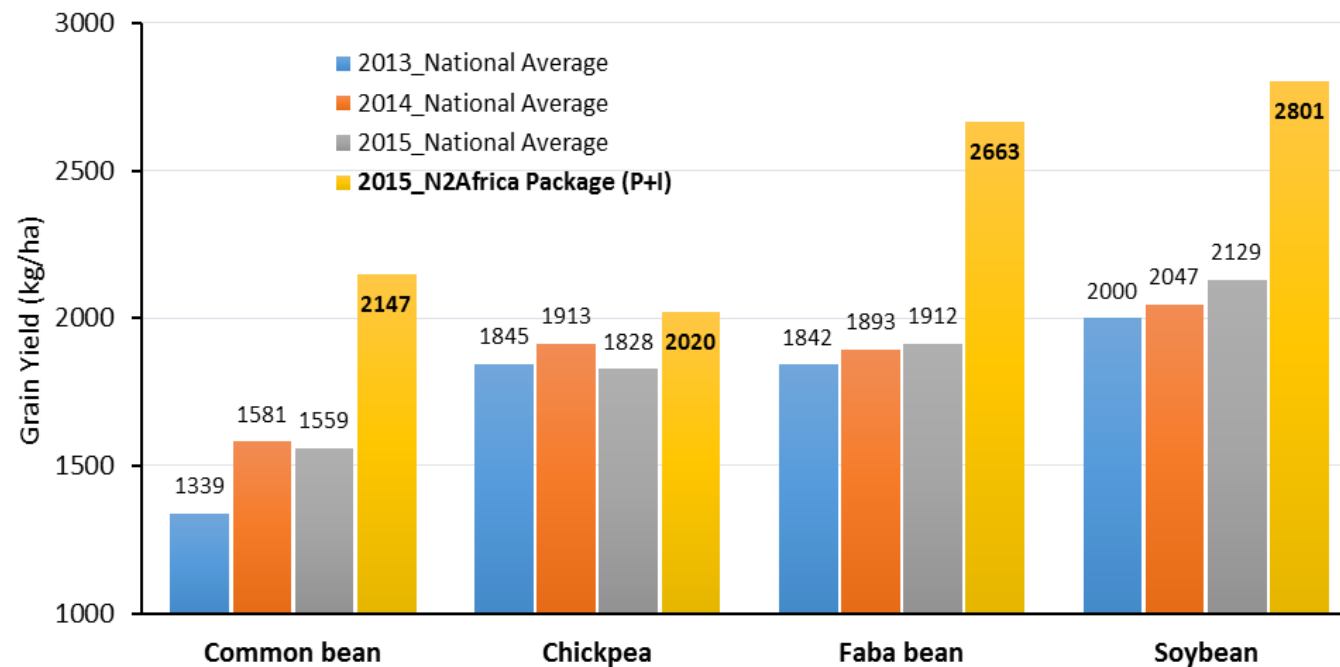
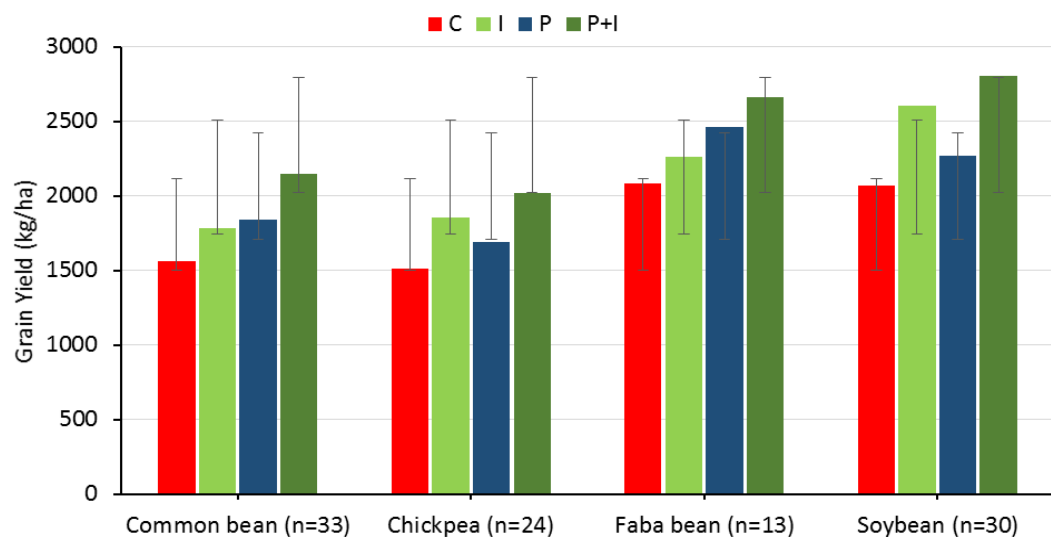
Evidences: agronomic trials

Common bean results

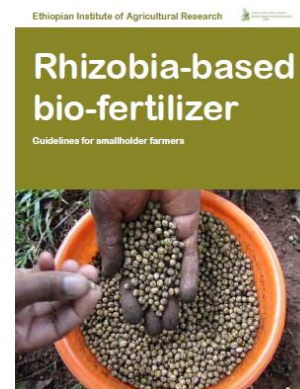
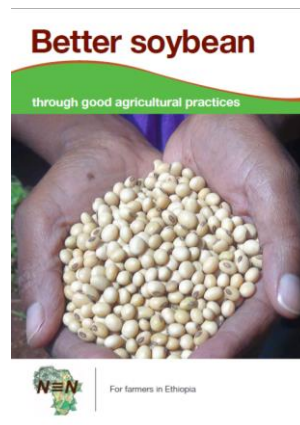
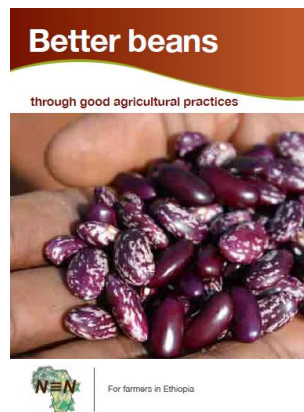
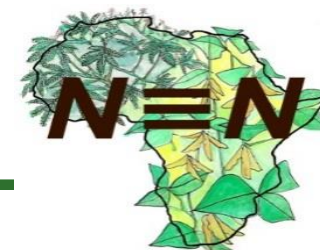


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Evidences: agronomic trials



Agronomic Support Materials

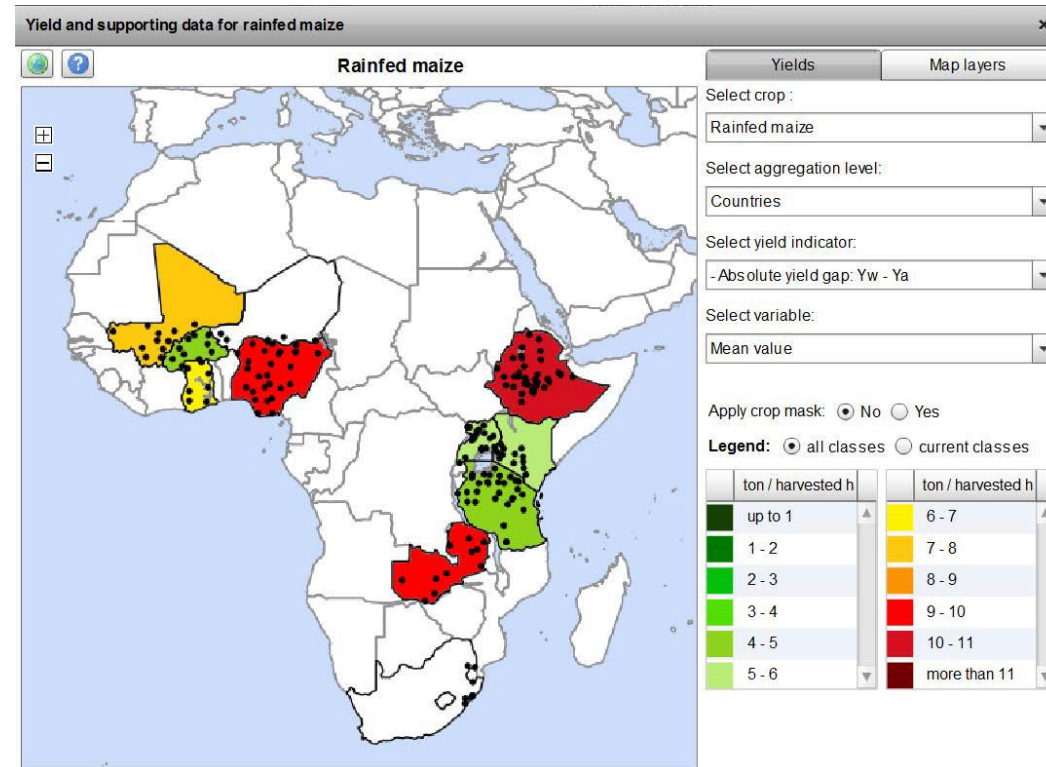


Online atlas



- Legume yield gap atlas
 - Common bean
 - Chickpea

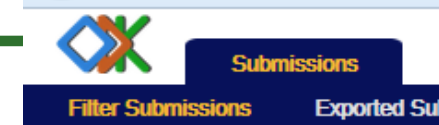
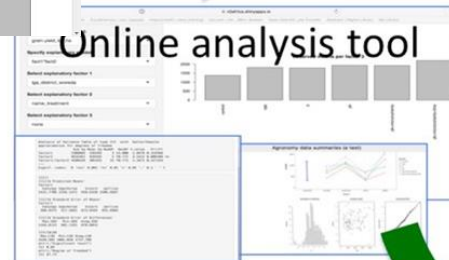
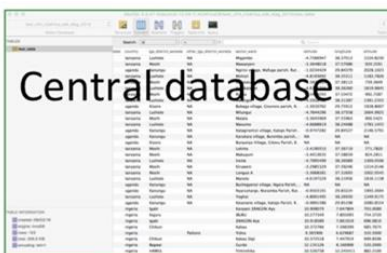
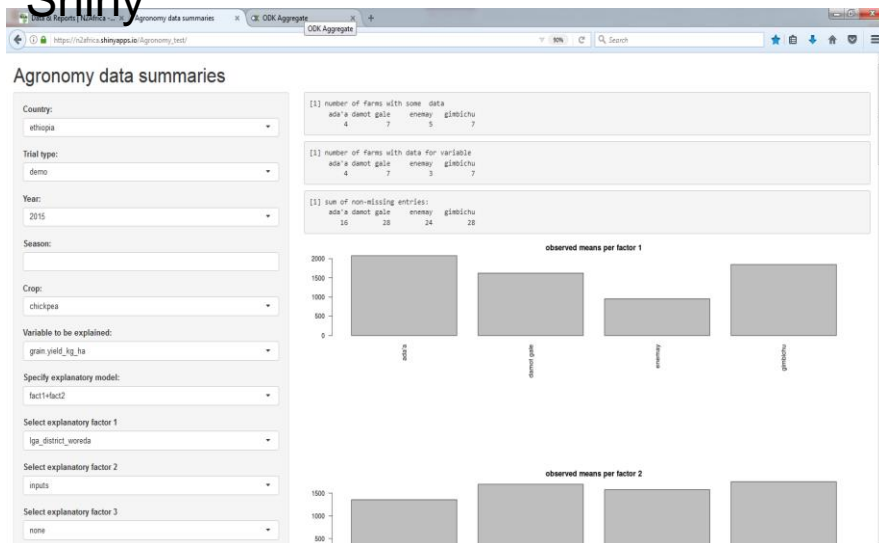
Global Yield Gap Atlas (www.yieldgap.org)



N2Africa Data Flows & Online analysis interfaces



Shiny



Form FB_FocalAdaptation_2016A_1.2

Save Save As Delete

Submissions per page 100

Filters Applied

ethiopia Add Filter

N2Africa
Putting Nitrogen Fixation to Work for Smallholder Farmers in Africa

Mid and End of Season Evaluation of Technologies by Actors

Country: _____ Name of Association/Farmer Group (s): _____
 Action Site: _____ Village: _____ Farm ID: _____
 Crop: _____ Crop stage: _____ Date of evaluation: _____
 Form filled by (name & organization): _____
 Treatment / Variety and/or practice 1: Name: _____

Criteria	Scoring (scale of 1-5)			
	Men	Women	Youth	Mixed Group



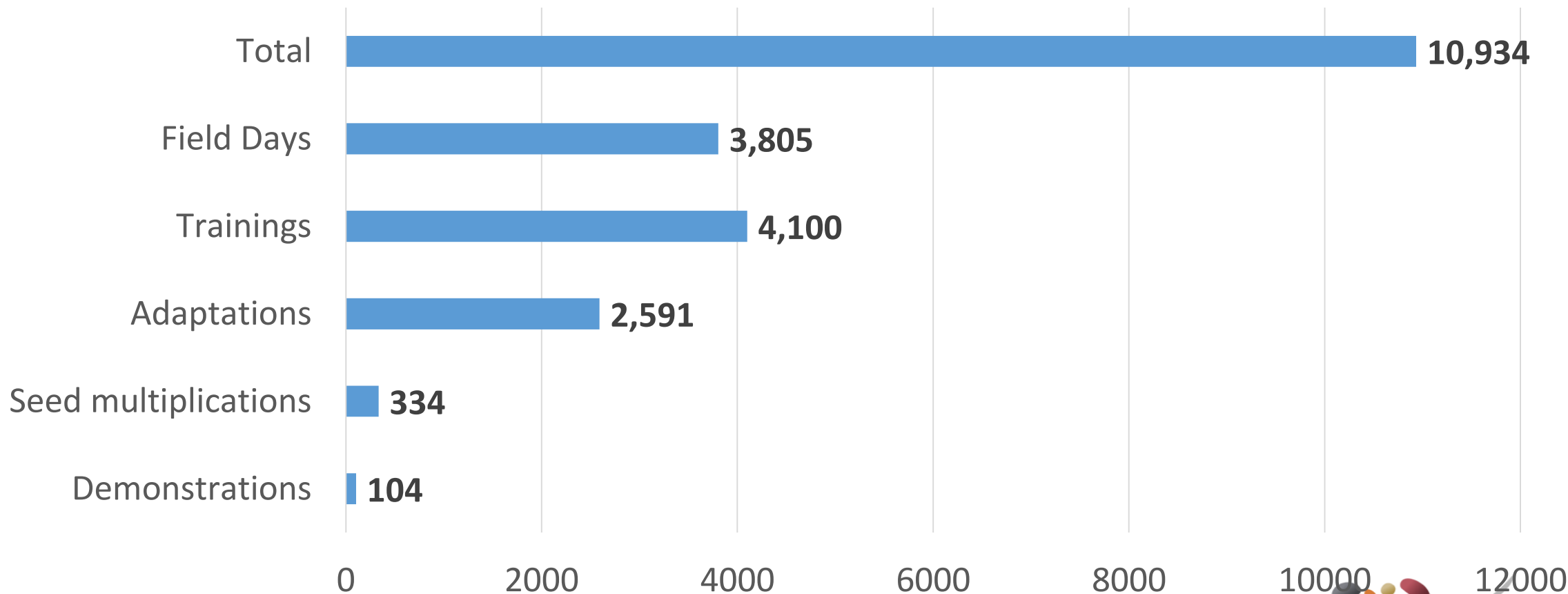
2016
INTERNATIONAL
YEAR OF PULSES

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N2Africa-Ethiopia 2016 Direct Beneficiaries



Number of direct beneficiaries of N2Africa-Ethiopia in 2016



Trainings/ capacity developments



- ToTs and General trainings
- **Feedbacks**
 - Good training contents
 - Excellent participatory methods
 - Short training time
 - Odd time of training- should be off season to get farmers full attention
 - Training needs to be given before the season starts
- **Lessons & Outlook 2017**
 - Lessen bias towards agronomic management, give attention to post harvest, nutrition, marketing systems and agribusiness
 - Integrate requested trainings in plan
 - Adjust training timings to have full participation of farmers
 - Encourage training by lead farmers with researchers/experts providing backstopping
 - Prepare training support materials (i.e. agribusiness, etc) and also avail them in local languages.



Overall farmers reached



- Major dissemination approaches used: in terms of # of beneficiaries.
 - Demonstration trials: 2%
 - Adaptation trials: 40% (accepted as major approach, but resource demanding)
 - Field days/Media: 59% (accepted as major approach to reach more farmers)
- **Feedbacks**
 - To try new improved variety/ new variety
 - To Because of last year other peoples are sow this variety and I see the productivity and I am ready to apply
 - Provided to me
 - Easier management
 - **elements_for_use_next_season_FD**
 - Variety and inoculant
 - Variety, inoculant, practices
 - Variety
 - Variety, inoculant, DAP/NPS/, practices
- **Learnings & Outlook for 2017**
 - **Field days/media events and Adaptations appreciated by partners/farmers as best approaches for farmer testing and reaching out to more.**
 - **Strategize to reach out to more using accepted approaches**
 - **Adjust demos to accommodate other farmers/document additional farmers using demos as learning centers.**
 - 1 demo=1FTDG=1PC/Union
 - **Examine partners capacity to expand operational areas and or strategize to achieve targets.**
 - **Mobilize the farming communities to attend & share experiences.**
 - **Produce audio-visual for broadcasting.**



Technology evaluations



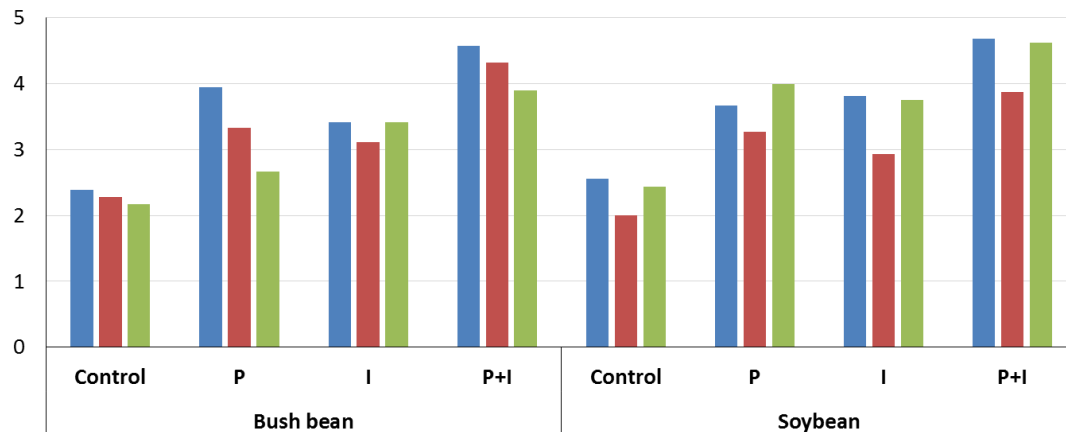
- **Feedbacks**

- Farmers prefer improved variety with P+I in terms of grain yield, pest/diseases resistance, etc. in most areas.
- Interested to plant in larger area.
- No response for inoculant reported from some partners/DAs/farmers.

- **Learnings and outlook 2017**

- **Integrate the results of quality control in inoculant production, handling and sales**
- **Direct linkage between Unions/agrodealers and inoculant producers to ensure access.**

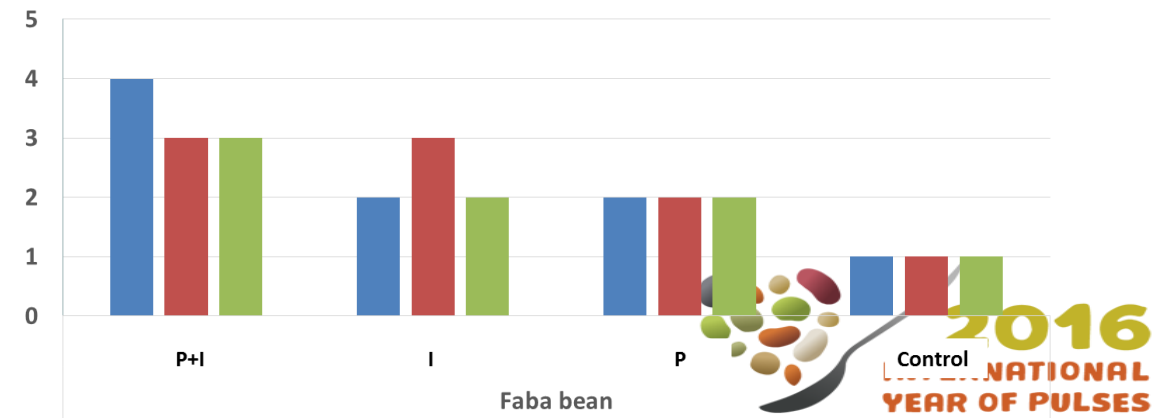
■ Average of scoring_high_grain_yield_men_repeat_one
■ Average of scoring_high_grain_yield_women_repeat_one
■ Average of scoring_high_grain_yield_mix_group_repeat_one



Ethiopia

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■ Average of scoring_resistance_pest_diseases_men_repeat_one
■ Average of scoring_resistance_pest_diseases_women_repeat_one
■ Average of scoring_resistance_pest_diseases_mix_group_repeat_one



Faba bean

Ethiopia

2016
NATIONAL
YEAR OF PULSES

Lessons learned and Outlook 2017



- Labour-saving tools
 - Explore and implement the Service Delivery Model for labour-saving tools

- Limited Agro-dealers still engaged in inoculant sales, limiting last mile delivery
 - Address input issues, such as limited shelf life of inoculants, risk of contamination, high prices to engage more last-mile delivery, output market

- Quality control challenges (e.g. handling of inoculants at distribution)
 - Integrate the results of quality control in inoculant production, handling and sales



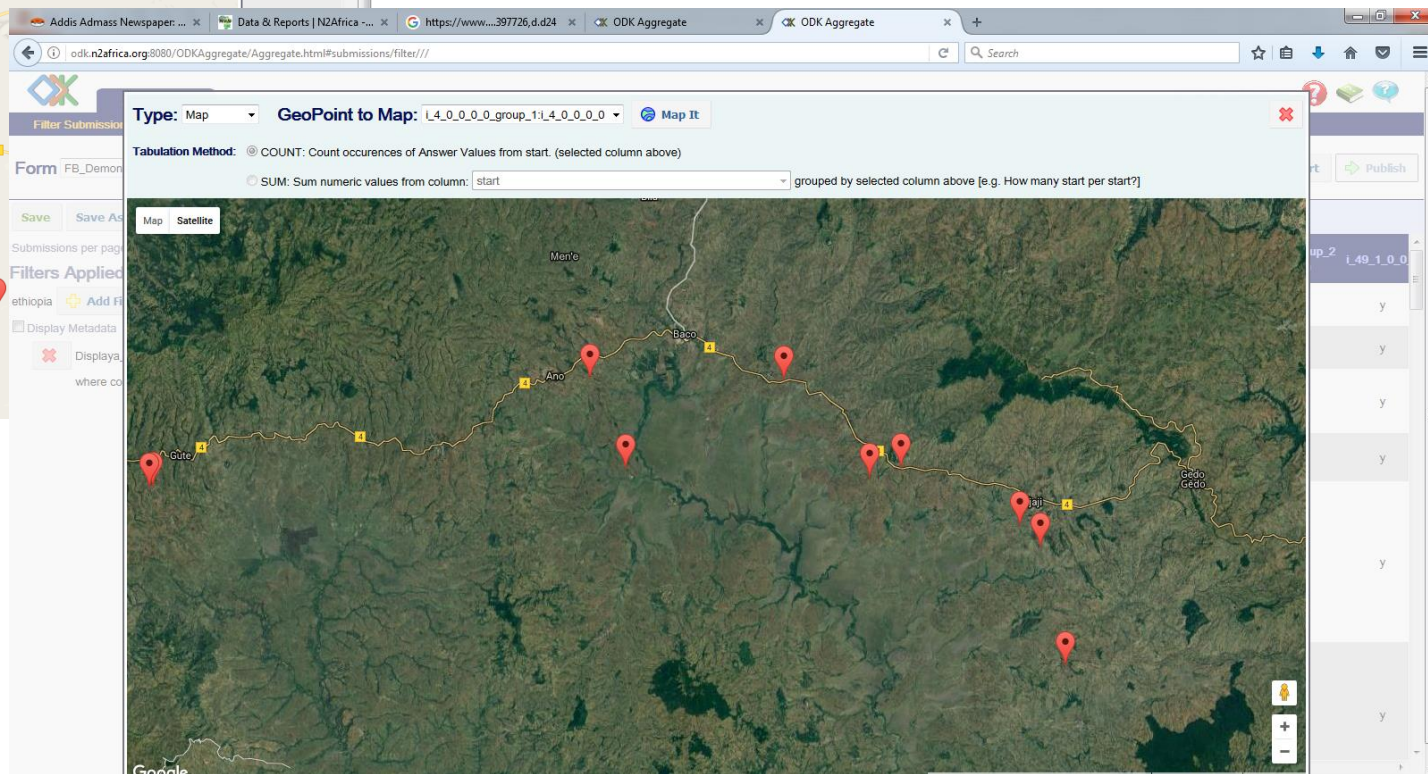
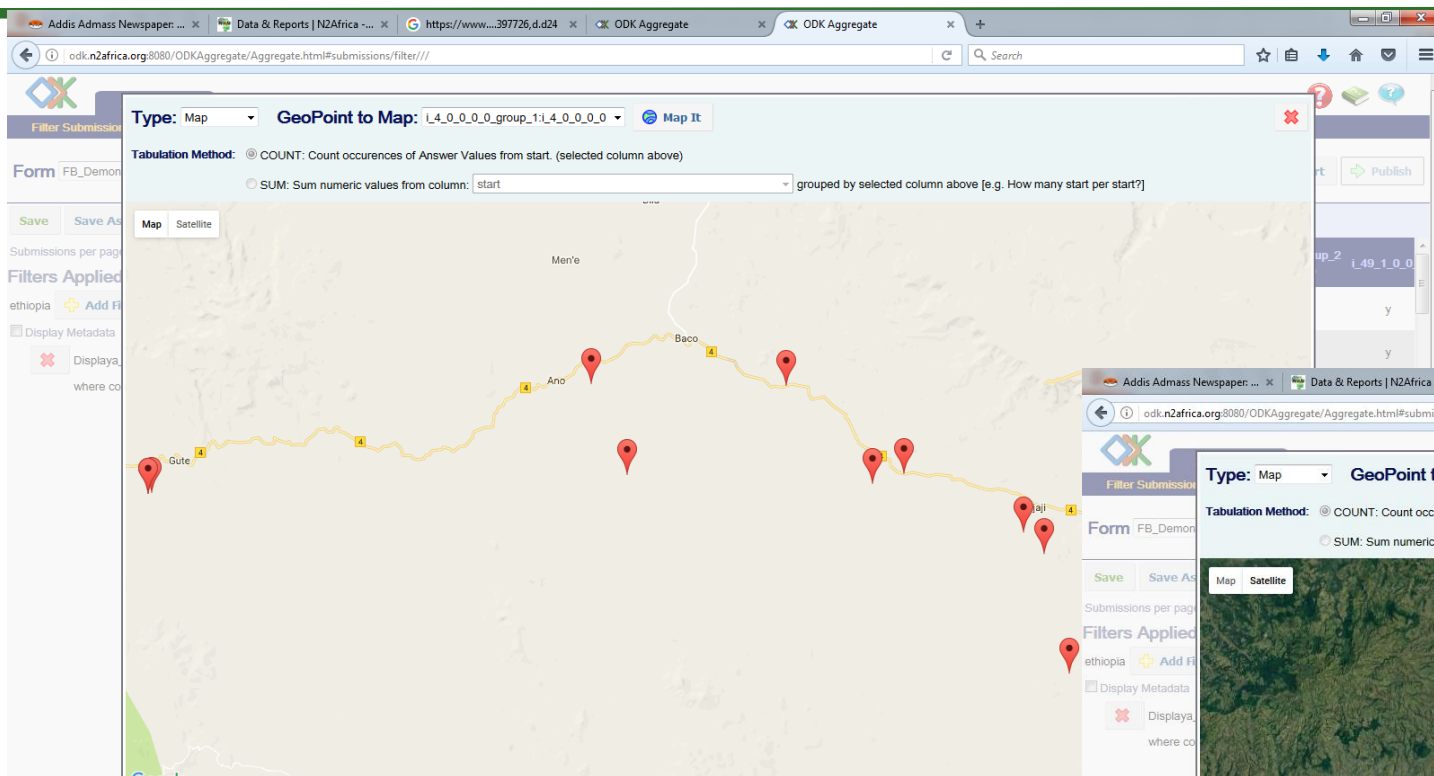
Lessons learned and Outlook 2017



- Obtaining data from some partners in a timely manner remains a challenge (e.g. inputs stocked, used, grains produced, sold, etc)
 - **Review partnership specific M&E strategies to address current data gaps**
- Available database indicating technologies in related AEZ for specific recommendations
 - **Interpreted and document best bet-technologies based on meta-analyses of agronomic data;**
 - **Generate/ document best lessons & challenges in the implementation of PPP.**



Trial sites coordinates



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Acknowledgement (N2Africa-Ethiopia Partners and Collaborators)



N2Africa-Ethiopia Partners and Collaborators



ACOS Ethiopia



AKF



ARARI



Balegreen



CRS-F2F



EIAR



FC



Guts Agro Industry



HWU



MBI



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