

Guiding Investments in Sustainable Agriculture in Africa (GISAIA)

Overview of Mali Case



Melinda Smale for team
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Key elements in this region

- Changing gender roles in sorghum production
- Persistent question: is it seed supply or demand that most constrains adoption
- The first Guinea-race sorghum hybrids have been introduced

Teams

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Theme 1:

Promoting sustainable intensification

Sub-questions	Outputs	Due due
1. Which strategies and policies have contributed to/constrained the sustainable intensification of major cereals (sorghum, maize)?	State –of-the-art assessment (1 paper)	12/2014
2. Document overall use patterns for seed, mineral and organic fertilizer, and related soil and water management practices in sorghum and maize	Descriptive analysis of baseline data (1 paper)	3/2015
3. Compare the determinants of adoption on collective and individual fields, including gender analysis	Adoption analysis (1 paper)	12/2015
4. Assess the impacts of input use (all of the above) on well-being of smallholder farm households, including gender analysis	PSM (binary and generalized), MVP, and IV analysis of baseline data (1 paper)	12/2015

Theme 2: Effects of fertilizer subsidies

Sub-questions	Outputs	Due due
1. How have subsidies influenced fertilizer use, the well-being of smallholders, and the role of the private sector?	Exploratory paper	3/2015

Theme 3: Innovative approaches

Sub-questions	Outputs	Due due
1. Impact assessment of the national sorghum improvement program, focus on sorghum hybrids	Project paper and research paper; continuous	Final draft end July

Survey summary

- Components:
 - census of 60 villages where farmer-testing and seed multiplication has been implemented by farmer associations (2400 hh; 14000 plots) to measure variety use
 - multi-visit household survey (600 households, with separate instruments for men and women)