

PRCI Research Proposal Summary

ACTIVITY TITLE:	Commercialization Behavior and Production Choice in Senegalese Horticultural Farms.
PRINCIPAL CENTER:	BAME
PRINCIPAL INVESTIGATOR(S):	Amy Faye
GEOGRAPHIC FOCUS:	Senegal

Research Questions:

1. What are the determinants of production orientation?
2. What are the determinants production composition?
3. What are the determinants of input demand (i.e., seeds and fertilizers)?
4. What are the determinants of production levels?
5. What are the determinants of marketed surplus rates?
6. What are the determinants of buyer choice?
7. What is the impact of crop marketing on farmer income?

Data: This study relies on a total sample of 7930 households from two different surveys (urban and rural), collected as part of the PAPA1 program, in Senegal. The consumers' dataset is composed of 2,250 urban households located in 19 major Senegalese cities collected in 2017 and 4,680 rural households collected in 2017 (for horticultural households in the Niayes and Senegal River Valley) and in 2018 (for the other (rainfed) areas).

Gender Integration: A gender dummy will be included as an explanatory variable in most regressions and will be discussed.

¹ The Agricultural Policy Support Project (PAPA) is an initiative of the Government of Senegal funded by USAID as part of the "Feed The Future" initiative and implemented for a period of 3 years (2015 - 2018) by the Ministry of Agriculture and Rural Equipment with the support of the International Food Policy Research Institute (IFPRI).