

## Crop cover selection to improve weed control in multi-species agrosystems in Reunion Island

18<sup>th</sup> European Weed Research Society Symposium, June 17-21, Ljunljana, Slovenia CHRISTINA Mathias<sup>1</sup>,
MARNOTTE Pascal<sup>1</sup>, BENARD
Renaud<sup>1</sup>, COURTOIS Julie<sup>1</sup>,
MARIN Yoann<sup>1</sup>,
V. LATCHOUMY Mickaël<sup>1</sup>,
CHABANNE André<sup>1</sup>

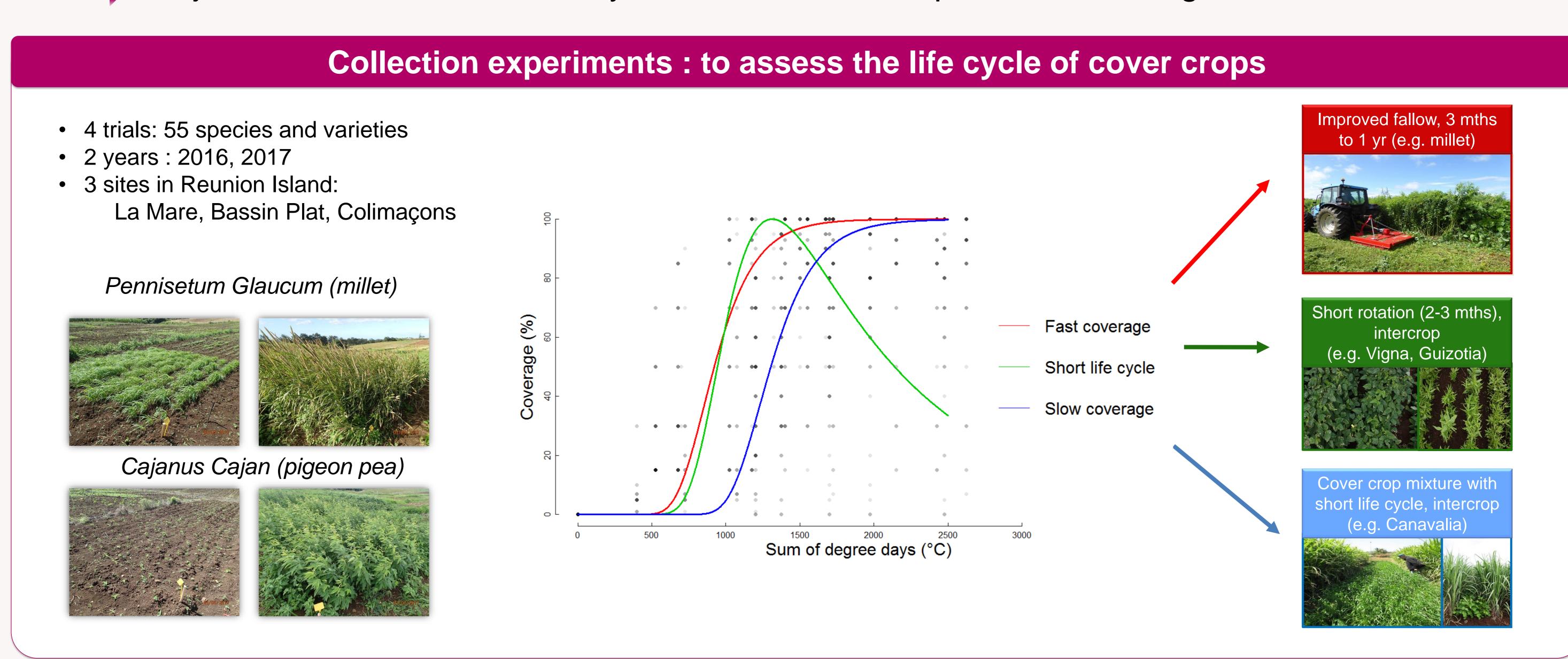
<sup>1</sup>CIRAD, UPR AIDA, Sainte-Clothilde, La Reunion, France

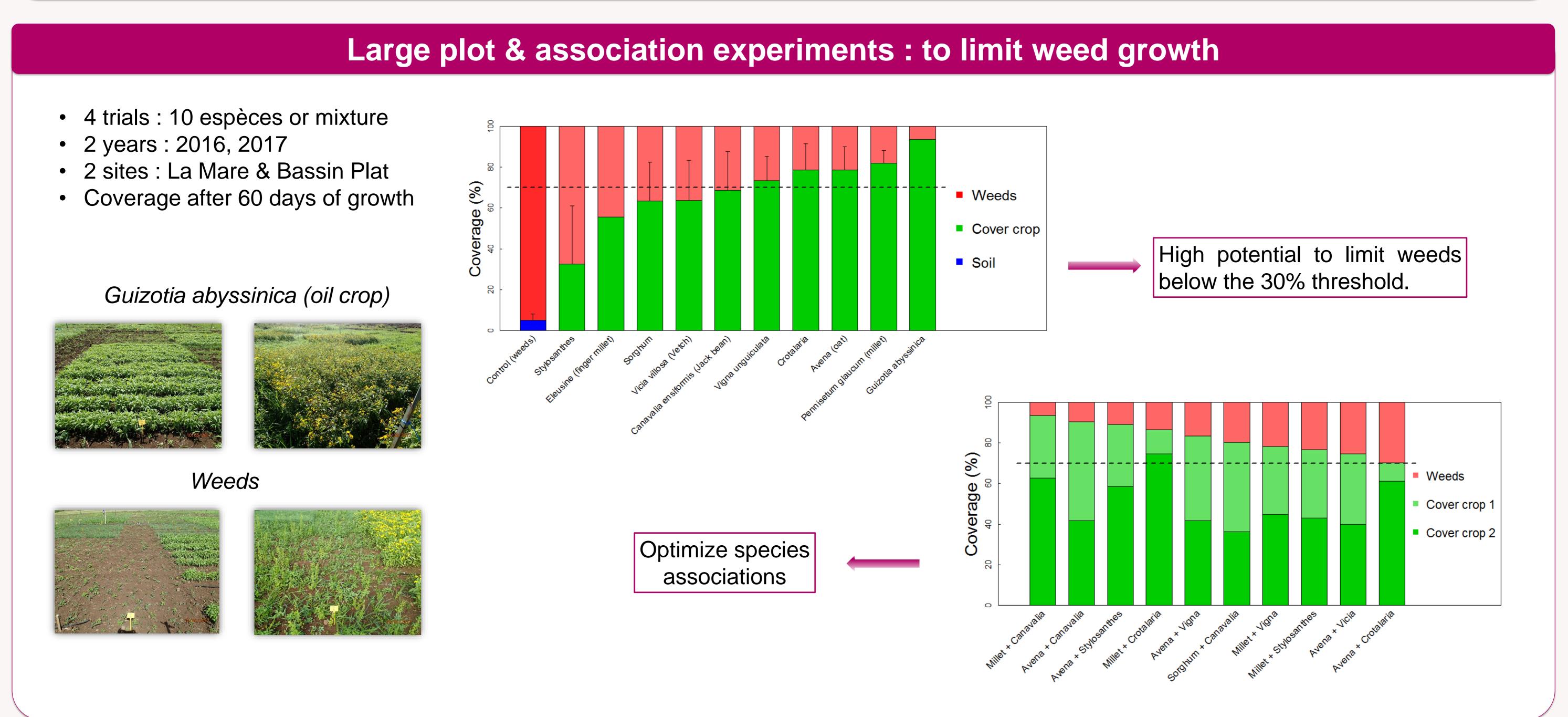
mathias.christina@cirad.fr

## Context:

- Cover crops are increasingly used for weed management in tropical regions as an alternative to herbicide.
- Selecting the most suitable species of cover crop to be associated with a main crop requires long-term trials.

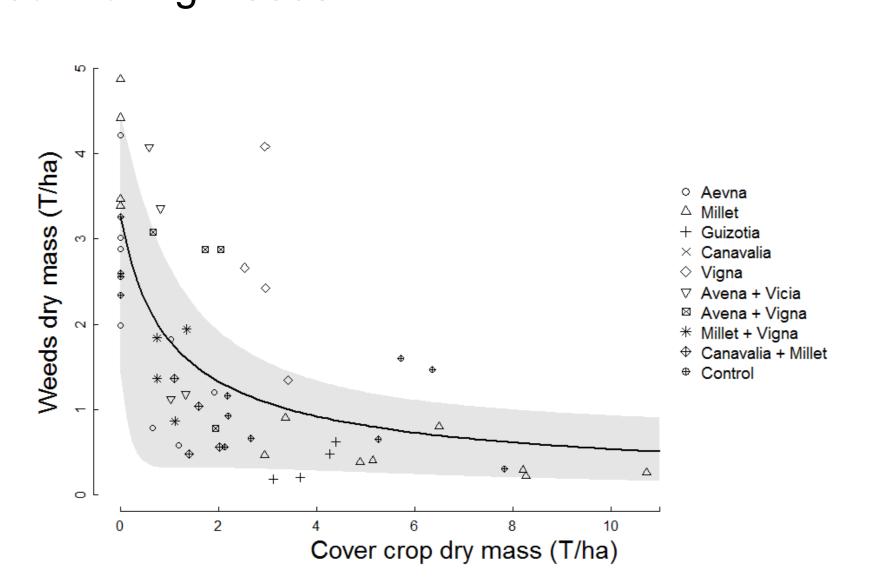
Objectives: to assess the ability of various cover crops to limit weed growth in Reunion Island





## **Conclusion & Discussion**

• The more crop cover produce biomass, the more effective they are in controlling weeds:



• Different potentials among cover crops:

