

[SAO TOME AND PRINCIPE]

MICLAY DOS REIS PEREIRA CARVALHO
Agronomist

- ▶ REARCH CENTER AGRONOMIC AND TECNOLOGY
 - ▶ AGRICULTURE'S MINISTRY
- 

Geographical location



Multiply, produce, select and disseminate improved plant materials , participating in Food Security policy

BECAF

CIAT

Agronomy (production of improved plant and seeds, resistance's test of coffee to nematodes .

Agro – chemical (study soil's nutrition, vegetable composition, chemical's analyze of vegetal products ;water, etc.)

BECI

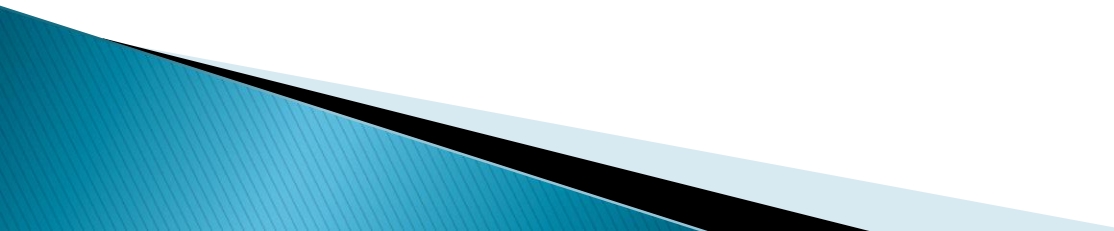
Entomology (study insect, pesticide's management and application)

Phytopathology (study disease of plant)

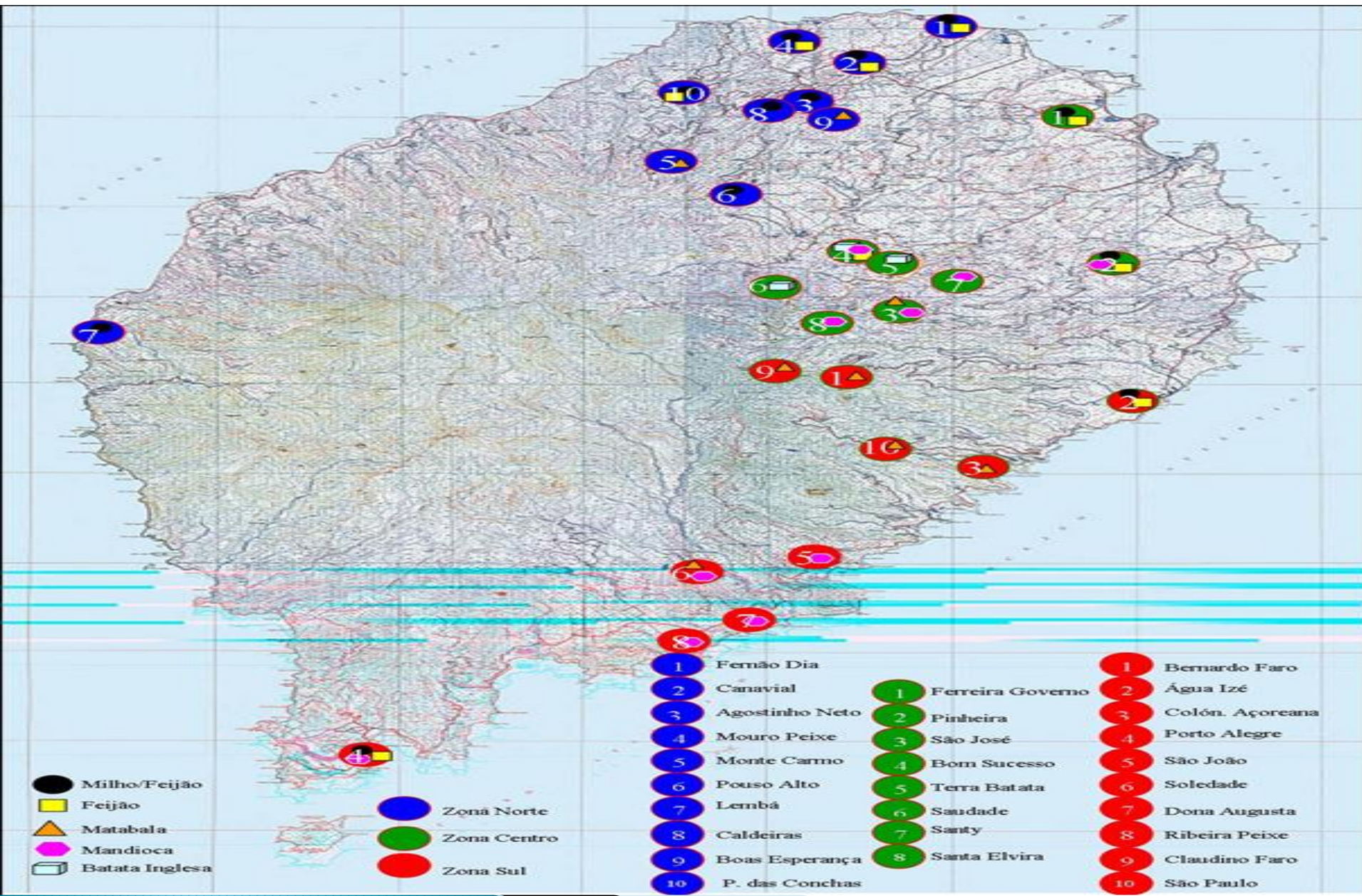
Microbiology (study diseases of vegetal Products)



Major important crops

- ▶ Cacao (*Theobroma cacao* L.)
 - ▶ *Coffea arabica*, *C. robusta*
 - ▶ Piper (*Piper guineense*, Schumach)
 - ▶ Palm Tree (*Elaeis guineensis* Jacq.)
 - ▶ Export's crops
- 

Map: potencial's zones in vegetable's production



Vegetable's production



School garden



Damage of Locust



Agriculture's Market

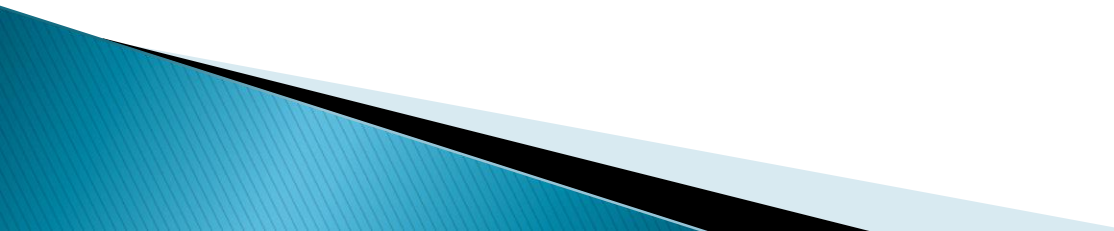


EXPERIENCE GAINED

- ❑ This report was put together based on our experience through lectures, field trips and cross sharing of ideas among colleagues from 14th to 9th October, 2015:

Diversification of Agricultural production:

- Floriculture and Ornamental
 - Fruits and Vegetable
 - Research and Development
 - ❑ Water management: drip irrigation technology
- 

- ❑ EXPERIENCE GAINED..... cont
 - ❑ Studies and observations the real symptoms of principles plant's diseases
 - ❑ Management of bacteria, virus, fungal, nematodes in vegetable crops
 - ❑ Integrated pest management, identification of vegetable insect and integrated method to control
 - ❑ Toxicity, Pesticide formulation and application.
- 

APPLICATION OF KNOWLEDGE GAINED ON RETURN TO MY COUNTRY

1. Engage on several actions by advise leaders in order to invest in Dry irrigation system, sensitization of farmers, comparison's test with our system, and demonstration of results.
2. To share with other departments all knowledge Gained in this trainer.

CONCLUSIONS AND SUGGESTIONS

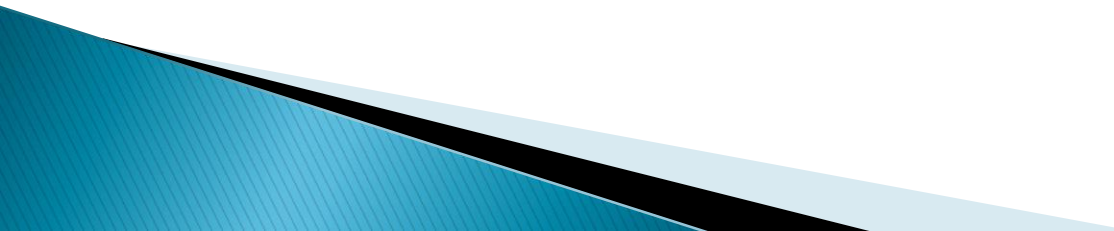
▶ CONCLUSION

- ▶ The trainer has recorded a huge success
 - ❑ informative
 - ❑ educative

▶ SUGGESTION

- ❑ Ask AVRDC Staff to resolve visa's problem.

APPRECIATION

- ▶ I would like to appreciate the following:
 - ▶ AVRDC Team
 - ▶ Somchit Pruangwitayakun
 - ▶ Panalee Pooworakulchai
 - ▶ Sorawit Limsiriwat
 - ▶ Radchada Kitdet
 - ▶ Our co-participants
- 

Thank you for your attention

