

Objectives:

General:

To enrich the genotypic variability in abaca and to develop high yielding abaca genotypes/varieties that are resistant to abaca bunchy top virus disease and with good quality fibers suited to specific industry end uses.

Specific:

A. Study 1

1. To increase genotypic variability in abaca.
2. To develop abaca varieties that is high yielding and resistant to bunchy-top disease.

B. Study 2

1. To identify abaca genotypes resistant to bunchy top disease as parental materials in breeding work and for further evaluation for possible release as new variety for farmer's use.

Project Title:

improvement of abaca cultivars through conventional method and biotechnology-based breeding techniques and evaluation of promising abaca varieties, hybrids & accessions

Study 1

Development of high-yielding abaca varieties resistant to bunchy-top disease (Moreno, LO)

Study 2

Screening of abaca cultivars/lines and hybrids for resistance to bunchy top virus disease (Piamonte, RT)

Study 3

Field evaluation of abaca varieties and hybrids
(Moreno, LO and Valenzona, MA)

