



PROGRAMA CANA IAC

Marcos G. A. Landell

Mauro Alexandre Xavier

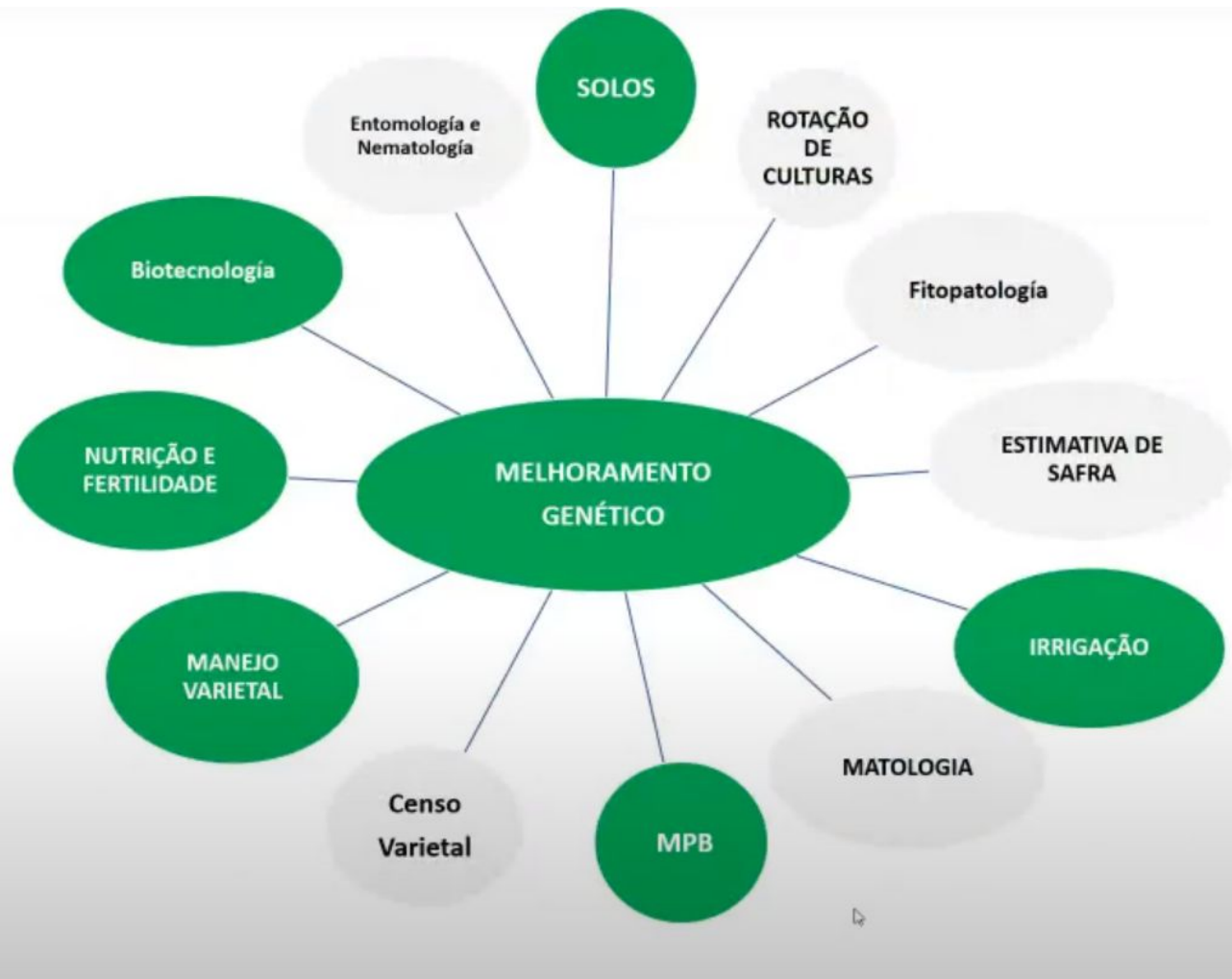


INSTITUTO AGRONÔMICO

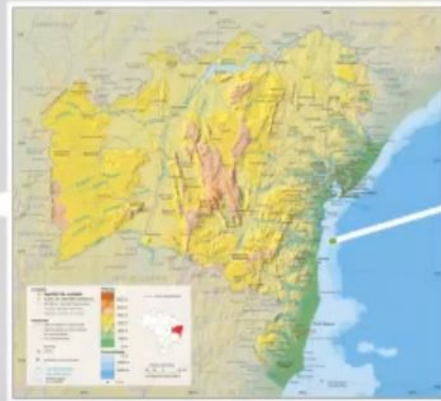


UNIDADES DE PESQUISA





ESTACÃO DE HIBRIDAÇÃO



Distrito de Serra Grande – BA |

Latitude

14°28'22.08"

Longitude 39°04'35.56" |

Altitude: 110 metros





GENETIC BREEDING

WORK COLLECTIONS (BAG)

- ✓ 2018 – 332
- ✓ 2019 – 189
- ✓ 2020 – 150
- ✓ 2021 – 90
- ✓ 2022 - 290

880 Genotypes

ACTIVE GERMPLASM BANK (BAG) CROSSING STATION

- ✓ AVERAGE CROSSES DURING 2010 – 2022: 450
- ✓ SEED PRODUCTION 2022 = 10.000 grams
- ✓ GERMINATION INDEX = 220 seedlings/grams



390 *Saccharum* Complex species

Objective: expand genetic variability

MELHORAMENTO



1. HIBRIDAÇÃO



2. SELECÃO NA POPULAÇÃO SEGREGANTE

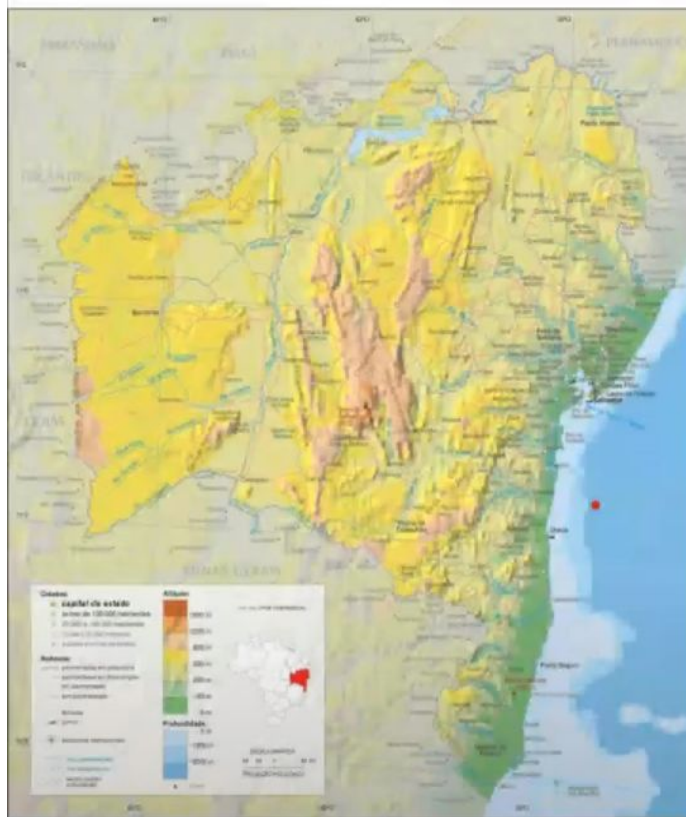
3. SELECÃO CLONAL (FS2 E FS3)



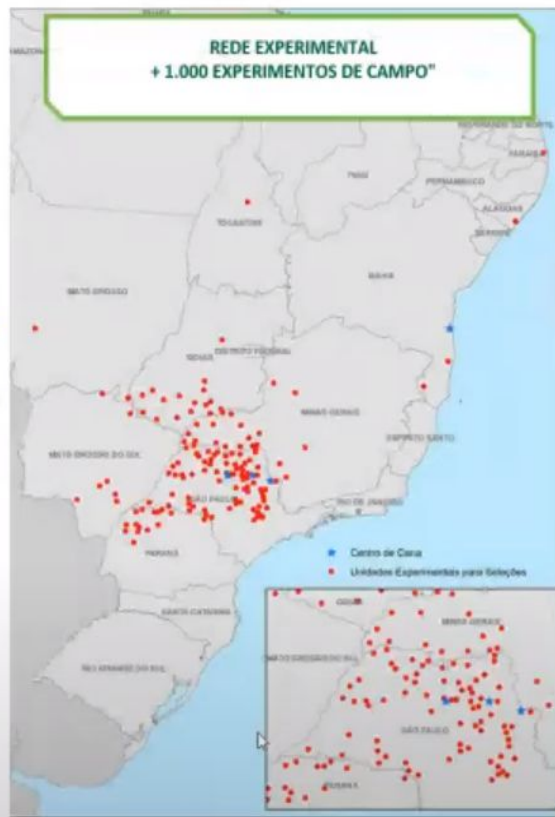
4. EXPERIMENTAÇÃO

ENSAIOS REGIONAIS E NACIONAL

LIBERAÇÃO DA VARIEDADE



ANO
12 a 15





MUITO OBRIGADO!!!

mauro.xavier@sp.gov.br

+55 (16) 981489803