UNIVERSITY OF AGRICULTURAL SCIENCES

BENGALURU

ALL INDIA CO-ORDINATED RESEARCH PROJECT ON SUGARCANE

ANNUAL REPORT

2013-14

Compiled by

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2. Sugarcane Agronomy (AICRP) 2013-14

AS 42: Agronomic evaluation of promising sugarcane genotypes

Objective: To workout fertilizer level for sugarcane genotypes from Advance Varietal Trial (AVT).

Technical program:

Design: Factorial RBD, Replication: 3

Inference:

The planting material was conserved for the next season as there was drought period and no availability water in the channel for irrigation to the crop.

AS 42: Agronomic evaluation of promising sugarcane genotypes for ratoonability

Objective: To workout fertilizer level for ratoon sugarcane genotypes from Advance Varietal Trial (AVT).

Technical program:

Design: Factorial RBD, Replication: 3

Inference: The planting material was conserved for the next season as there was drought period and no availability water in the channel for irrigation to the crop.

AS 64: Response of sugarcane crop to different plant nutrients in varied agro-ecological situation

Objectives: To study the differential response of sugarcane crop to different nutrients.

Technical program

Design: RBD No. of treatments: 13, No. of replications: 3

Inference: The planting material was conserved for the next season as there was drought period and no availability water in the channel for irrigation to the crop.

AS 66: Priming of cane node for accelerating germination

Objectives: To find out suitable cane node priming technique for acceleration of germination.

Technical program:

Design: RBD No. of replications: 4

No. of treatments: 6

Inference: The planting material was conserved for the next season as there was drought period and no availability water in the channel for irrigation to the crop.