

EXPERIMENTS WITH BAMBOO DRAINAGE FOR SUGAR CANE, II.

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I n t r o d u c t i o n .

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- 39, an account is given of a preliminary trial with covered bamboo drains in a markedly acid heavy silt overlying a markedly acid clay. The idea of using the drains there described originated with Mr. Charles Cameron, the Field Manager of the Sophia Sugar Experiment Station, who had first used them to offset unsatisfactory conditions brought on in a field by the suppression of open drains and the substitution therefor of another type of bamboo drain (plaited matting) with which Whittles experimented. In the preliminary trial referred to, very definite increases in plant cane yields were obtained from the bamboo-drained plots, as compared with the control and the results were so encouraging that a more detailed trial was started in Field 9 West of the Sophia Sugar Experiment Station.

The present paper presents the results obtained from the first ratoons of the preliminary trial (Field 4 West, Sophia) and the plant canes of the later experiment.