

"NOTES ON THE GROWTH IN TRINIDAD OF A STRAIN OF CAMBODIA COTTON INTRODUCED FROM SOUTHERN INDIA."

One pound of Cambodia cotton seed which had been grown at Coimbatore, Southern India, was received at the College on 6th Oct. 1931 for experimental purposes. The seed arrived in good condition and a greenhouse germination test revealed excellent results:-

Germination Test. (carried out in fine sand in the greenhouse on cotton seed previously treated with concentrated sulphuric acid.)

	<u>Box I.</u>	<u>Box II.</u>	<u>Box III.</u>
	50 seeds	48 seeds.	50 seeds.
No. of seeds which had germinated after 5 days)	40	39	38
Germination Percentage	80	81.25	76
Mean Germination Percentage =	79%		

(One seed in Box I. germinated after a period of 12 days).

The Object of the Experiment was to ascertain as much knowledge as possible about the imported strain and its relations to Trinidad conditions.

With this object in view it was decided to make five separate sowings, suitably replicated, at fortnightly intervals, beginning at the season usually chosen here for planting cotton, in order to subject the plants to as wide a range of Trinidad conditions as possible. At each sowing a control row of acclimatized Cambodia was also sown.