

Informed Investment – Calculated Yield

Work session: 2 December 08 14:00 – 15:00 pm

Abstract: This presentation seeks to reveal the capacity of the Forestry Department to calculate the return on the investment of planting timber species.

This can be done using growth yield models. Growth yield models are mathematical formulae using past data to predict the incremental increase in Diameter at Breast Height (DBH), Height and or volume of the species as it ages (Growth), as well as the resulting DBH, Height and or volume of the species at a particular point in time, usually the future (yield).

Equipped with this knowledge, the Forestry Department and its stakeholders will be empowered to make calculated decisions about which species to plant and the silvicultural practices to employ (investment), as well as when the investment will yield its return and the calculation of the expected return in dollars and cents.

The Forestry Department’s Applied Forest Research Branch is currently collecting data to develop growth yield models for the commercially viable timber species *Swietenia mahagonii* (Jamaican Mahogany) and *Cedrela odorata* (West Indian Cedar) within this fiscal year ‘22 – ‘23. The other commercially viable species that the Branch will develop over the next two fiscal years and some of the Branch’s other initiatives will be shared in this presentation.

PRESENTER PROFILE



Mr Okieve Kerr
BSc. Terrestrial and Fresh Water Biology minor Management Studie
Research Officer
Applied Research Forest Branch
Forestry Department
173 Constant Springs Road
Kingston 8
Jamaica

