

**THE DISTRIBUTION STUDY OF SESENDOK (*ENDOSPERMUM
DIADENUM*) IN UiTM JENGKA FOREST RESERVE (BASE LINE 1: LINE
1-LINE 5 AND LOGGING ROAD)**

By

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Final Project Paper Submitted in Partial Fulfillment for the Diploma in Wood
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April 2005

ACKNOWLEDGEMENT

Alhamdulillah...By the permission from Allah s.w.t, I could finish this final project entitled The Distribution Study of Sesendok (*Endospermum diadenum*) in UiTM Jengka Forest Reserve (Base Line 1: Line 1-Line 5 and Logging Road) on the needed time although a lot of barriers were faced during finishing this project.

Firstly, I give my appreciation to my lovely lecturer who is also my advisor in this forestry project for giving me instructions and some information to be added in this project. Without her guidance, may be I could not finish this project as well as now.

Here, I would also like to say thanks to all my forestry group especially to Ismalyna, Khadijah, Noor Hasyidawati and Syah Faizal who were always help me during the practical works in UiTM Jengka Forest Reserve. Thank you very much.

Lastly, I also want to give my appreciation to all my friends, librarians in UiTM Jengka library and to my family who involved directly or indirectly while making this project. Thank you for all your help and your support.

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ABSTRACT

This study is conducted in UiTM Jengka Forest Reserve at Base Line 1: Line 1-Line 5 and Logging Road. The main objective of this study is to know the distribution of Sesendok (*Endospermum diadenum*). We use Inventory method where we measured 10 meters (5 meters right and left) and its length are 515 meters. It means the forest areas that we studied for every line are 10 m x 515m. The forest area that we were studied are 25,750 m² or 3% from the overall of this forest. From the research, the total of tree that were found are 173 which the trees will classify into 4 categories; mature tree (>45 cm), premature tree (30-45 cm), big pole (15-30 cm) and small pole (5-14 cm). The trees that dominated from this species are from DBH 15-30 cm with percentage 64% followed by category of dbh 5-14 cm with 22%, 30-45 cm with 11% and the lowest is 3% from mature tree. The range from highest total to lowest are; 15-30 cm> 5-14 cm> 30-45 cm >45 cm. Finally we can conclude that most of the *Endospermum diadenum* usually found at logging road compare in the forest area.