

R.F.O. WALLACE.  
DWELLINGUP

16th December 53

LITTER STUDIES - MALLET PLANTATIONS.

On the 5th and 6th ultimo, a litter plot was established in a natural mallet stand at Dryandra. This plot will be used for several years to measure the annual litter fall in good quality mallet.

PLOT LOCATION.

A one and a half acre plot was laid out in the good stand of natural mallet in South Block. (South Compt 2.).

PLOT DESCRIPTION.

The plot forms part of a natural mallet stand, and in this area the original stocking of 1,000 stems to the acre has been thinned down to approximately 500 stems per acre.

The canopy cover was determined using the K/D ratios prepared by A.D.F.O. Loneragan.

The mensuration data was prepared by A.D.F.O.

McNamara.

<u>No. of Stems.</u>	per plot	730.
	per acre	486.
<u>Mean G.B.H.O.B.</u>	13.5" plus minus	3.6"
<u>Basal Area.</u>	per plot	87.84 sq.ft.
	per acre.	58.56 " "
<u>Canopy Cover.</u>		67.7%
<u>Mean Height.</u>		52'.
<u>Mean Crown Depth.</u>		9 1/2'.
<u>Volume. (O.B.).</u>		17.8 loads per acre.

EXPERIMENTAL WORK.

Two sets of leaf trays (4 per set) were laid out on the area. They were placed at one chain intervals along two parallel strip lines one chain apart.

FUTURE WORK.

The trays are to be collected on the first of the month commencing on the 1st of December 1953. The litter will be dried and fractionated at Dwellingup.

Al Halden

A.D.F.O.

CONSERVATOR OF FORESTS. PERTH.

For your information.

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A.D.F.O.

R.F.O. STEWART. MANJIMUP.

For your information.

Stewart  
A.D.F.O. *RPD*

Noted *DS*  
31.12.53