ABSTRACT.—Recently developed density management diagrams for jack pine, red
pine, white pine and a preliminary one for black spruce (work is now underway for
trembling aspen) have been completed in Ontario. They have been accepted as a useful
silvicultural planning tool in Ontario but have had limited use by resources managers
due to their initial complex appearance. User friendly software has been developed to
simplify the complexity of using DMD’s to plan the establishment of plantations or to
develop thinning regimes. The software, “ODMD” is a point and click application that
was developed in a “Windows™” mode to ensure intuitive operation.

User’s of the software can enter stand summary (density, quadratic mean diameter)
information or field tally values directly into the software to place themselves on the
appropriate density management diagram. From that point, “What if I plant ...” or
“What if I thin...” scenarios can be performed with the click of a mouse. Tabular and
graphical summaries can be printed for filing with silvicultural prescription plans.