SCHEDULE 4

Regulation 4(1)(c)

MINIMUM REQUIREMENTS FOR THE APPROVAL OF BASIC MATERIAL INTENDED FOR THE PRODUCTION OF REPRODUCTIVE MATERIAL TO BE CERTIFIED AS "QUALIFIED"

Seed Orchards

- (a) (a) The Department shall approve the type, objective, crossing design and field layout, components, isolation and location of the seed orchard.
- (b) The component clones or families shall be selected for their outstanding characters and the Department shall assess them in accordance with the requirements of paragraphs 1 to 10 of Schedule 3, giving particular weight to those requirements set out in paragraphs 4 and 6 to 10.
- (c) The component clones or families shall be planted according to a plan approved by the Department and shall be established in such a way that each component can be identified.
- (d) In the case of a seed orchard intended for the production of an artificial hybrid, the percentage of hybrids in the reproductive material must be determined by a verification test the methodology of which shall be approved in writing by the Department.

Parents of Family

- (a) (a) The Department shall be satisfied that the parents shall be selected either for their combining ability, or for their outstanding characters as assessed by it in accordance with paragraphs 1 to 10 of Schedule 3, giving particular weight to the requirements of paragraphs 4 and 6 to 10 of that Schedule.
- (b) The Department shall approve the objective, crossing design and pollination system, components, isolation and location of the parents.
- (c) The identity, number and proportion of the parents in a combination must be notified to the Department when the application is made under regulation 7(7) and the Department's approval of these features shall be obtained before the parents may be approved.
- (d) In the case of parents intended for the production of an artificial hybrid, the percentage of hybrids in the reproductive material must be determined by a verification test the methodology of which shall be approved in writing by the Department.

Clones

- (a) Clones shall be identifiable by distinctive characters which must be notified to the Department in the application referred to in regulation 7(7) and must be approved by the Department if the basic material is itself to be approved.
- (b) The superiority of individual clones shall be demonstrated to the satisfaction of the Department by the established use in forestry practice of the clones, or from the results of experimentation which is in the Department's view of sufficient duration to be a reliable indication of the individual clone's characters.
- (c) The Department shall be satisfied that ortets used for the production of clones shall be selected for their outstanding characters as judged by the Department in accordance with such of the requirements of paragraphs 1 to 10 of Schedule 3 as apply to ortets, with particular weight being given to the requirements of paragraphs 4 and 6 to 10 of that Schedule.

Clonal Mixtures

- (a) Clonal mixtures shall meet the requirements of points 3(a), 3(b) and 3(c) above.
- (b) The identity, number and proportion of the component clones in a clonal mixture, and information as to the selection method and foundation stock must be notified to the Department when the application is made under regulation 7(7) and the Department shall be satisfied as to the suitability of these features.
- (c) The Department shall be satisfied that any clonal mixture for which approval is given is genetically diverse.