

To summarise the above:

Summary of possible options depending on the grower

Although the choice of species depends mainly on the site, the choice of density, composition and layout of the plantation are linked to the grower's objectives and the post-planting care method that the grower can apply. Firstly, rules for post-planting care and for the objectives of the stand's final composition are fixed in order to determine the initial density, composition and layout, not the other way round. For this reason **there is no ideal planting density but planting densities appropriate for particular growers**. The choice of plant material and the planting and ground preparation method also derive from this.

The table below summarises the main options described in the previous pages.

Profile	Seedling density	Target stand	
		Single-species: only 1 main species	mixed: at least 2 main species
«Arboriculture» Intensive post-planting care	very low, 80 to 300/ha	Single-species «timber orchard» Unrestricted layout of the selected main species seedlings.	Mixed species tree nursery Various possible establishment methods for the main species
		Very low plantation density: all trees are cared for individually each year for at least 15 years. Accompanying tree species option: limited benefit due to the need for annual interventions. Special case: temporary mix with poplar (associated with walnut or ash, etc.).	
Active forest management Intermediate level of post-planting care	low, 300 to 900/ha	Assisted single-species forest plantation Unrestricted seedling layout for the selected species.	“Assisted mixed forest plantation” Various possible methods to establish the main species.
		Low density plantation where all or some of the trees are cared for individually, with frequent interventions over at least 15 years. Accompanying tree species option: limited benefit due to the need for frequent interventions, but may be beneficial in facilitating high pruning. Special case: temporary mix with poplar (associated with walnut or ash, etc.).	
Classic forestry «extensive» post-planting care	medium to high: 900 to 1300, even 1 800/ha	Single-species forest plantation Unrestricted seedling layout for the selected main species chosen.	Mixed forest plantation Various possible methods to establish the main species
		Medium to high density plantation: after initial maintenance, some trees are cared for periodically in a few interventions spaced out over the first 15 years. Accompanying tree species option: highly beneficial due to less frequent need for intervention. Special case: temporary mix with poplar and an accompanying species (associated with walnut or ash, etc.).	

