

## **Silvicultural principles, phases and measures in growing valuable broadleaved tree species**

A. Oosterbaan, E. Hochbichler, V.N. Nicolescu and H. Spiecker

### **Summary**

Valuable broadleaved tree species can play an important role in economic forest management of today and the future. Besides good genetic characteristics and a suitable site, silvicultural treatment plays an important role in getting timber with a high value. In traditional silviculture trees are planted or regenerated and grown with a high stemnumber per hectare. In this way long knotfree boles can be achieved within a rather long rotation time. Approximately the same amount of valuable timber can be achieved in a relatively short rotation period by low tree numbers per hectare and pruning. The same principles can be used for treatment of individual trees in mixed forest stands.