

# Several examples of plantations



## Hybrid walnut «timber orchard»

10 m x 10 m (100 /ha) - 15 years old

### « Intensive» management

Intensive post-planting care : 1 to 3 interventions per year for 15 years.

All trees pruned. Average pruned height : 3,50 m

### Consequences

Limited choice if accidents or badly shaped trees.

Plant material : good quality indispensable.

Very few thinnings (generally one)

Production : mostly furniture timber, few energy or industrial roundwood

Costs : quite cheap establishment - expensive and very binding post-planting care.

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## Common ash «assisted forest plantation»

5 m x 4 m (500 /ha) - 20 years old

### «Active» management

Active post-planting care : 1 to 2 interventions per year for 15 years. Numerous (too much) pruned trees. Average pruned height : 4,5 m

### Consequences

Choice of the best trees, generally possible.

Plant material : good quality recommended.

Several thinnings (2 to 3)

Production : furniture timber and energy or industrial roundwood

Costs : quite expensive establishment and post-planting care.



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## Sycamore «forest plantation «

3 m x 3 m (1100 /ha) - 24 years old, after 2 thinnings.

### «Flexible» management

1 to 2 interventions per year for 5 years, then 2 pruning at 8 and 13 years.

Only the best trees pruned . Average pruned height : 6 m

### Consequences

Good choice to select the best trees.

Identified plant material can suit.

Some thinnings (2 to 4)

Production : furniture timber and lot of energy or industrial roundwood

Costs : expensive establishment and quite cheap post-planting care.