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ACACIA HYBRID (A. MANGIUM X A. AURICULIFORMIS)



Acacia Hybrid seven years after planting (Ctr)

Acacia hybrid is a hybrid of *Acacia mangium* and *Acacia auriculiformis*. It grows in Indonesia, Malaysia, Thailand, Vietnam, and China.

The hybrid is a middle tall tree and similar in appearance and wood quality to *Acacia mangium*. In two years the tree grows approximately 8 to 10 meters.

Acacia hybrid plantations have average higher yields than *Acacia mangium* and *Acacia auriculiformis* (approximately 10 m³/ha/a). Instead of harvesting after 7 years, *Acacia* hybrid can already be harvested after 5 years.

SITE CONDITIONS

| | |
|----------------------------|--------------------------|
| Height: | 5-500 m |
| Temperature tolerance: | 12-35 °C |
| Temperature preferendum: | 25-30 °C |
| Precipitation preferendum: | 1,500-2,500 mm |
| Drought resistance: | yes |
| Soil type: | Sandy loam to sandy clay |
| pH: | 3.0-7.0 |

CULTIVATION

Requires little monitoring and care.

HARVEST

Harvest method:

Harvest during vegetation break with field chopper, every 5 years (instead of 7 years for *A. mangium* and *A. auriculiformis*).

Expected yields:

1.6 t/ha after one year, 186.1 t/ha after 6 years, 22-30 m³/ha/a (*A. mangium* and *A.auriculiformis* approximately 12 m³/ha/a).

UTILIZATION

Energetic:

Combustible material, fire wood, charcoal production.

Material:

Boat construction, furniture construction, veneering.