

# 4 Day Native Forest Management Systems

**Private Forestry Service Queensland** delivers a 4 day interactive workshop aimed at improving landholders' knowledge of silviculture forestry Systems, building an ability to develop and introduce sustainable forestry management practices.

The series covers environmental systems relating to native forest management, ecological values, legislative constraints, species identification, stocking rates, harvesting to ensure ongoing production, maintaining biodiversity and a range of management techniques and strategies.

## Day 1

- Intro to Native Forest Legislation (PMAV's VMA, IPA, Trigger maps, etc)
- Recognising forest species and products in the field, specifications and hierarchy of values, stand assessment, stocking rates, crown position, forestry evaluation
- Reading tree crowns, understanding crown placement, tree form, vigour and growth rates as well as indicators of stem faults, termites and other problems.
- Native forest assessment methods, stocking rates and forest health and the resultant evaluation of the condition of the stand and implications for forest management directions.



## Day 2

- When is a stand ready for harvest or treatment? (Standing volume, viability, species, product range (optimal diameter)
- Condition of the stand and implications for forest management directions. (Review)
- Landscape and its implications for forest Management including biodiversity, habitat and ecological values. Location of buffer and filter zones, exclusion areas, habitat trees, tracks, etc.
- Timber Stand Improvement (forest thinning) processes including tree marking for retention, stocking rates, treatment methods and costs.
- Enhancing native grasses and legume values, forest management and GLM

## Day 3

- Marketing (potential buyers, their constraints/processes, products)
- Harvest access (Property access – power lines, bridges, low branches, sharp corners, grade, wet weather access, log-dump/loading/turn around area size and location, snig tracks, crossings)
- Harvest planning and management including planning for regeneration (seed, lignotuber or coppice), mapping, fire management, exclusion zones and maintenance of ecological values.
- Stand protection, penalty clauses, timber sales, values, product range
- Contractors, contracts, standing sales, log dump sale, mill gate sale
- Contractor management (accreditation, insurance, reputation)
- Writing a base harvest plan



#### Day 4

- Post harvest management (Fire, stand protection, temp crossings, track and dump drainage)
- Treatment after harvest (timing, methodology, stocking rates, species mix)
- Fire Management for fuel reduction, regeneration establishment and habitat and stand protection
- Forest management planning as part of Property Management Planning,



Private Forestry Service Queensland (PFSQ) is an incorporated not-for-profit Forest Industry Development Association.

PFSQ is supported by the Queensland Government Department of Agriculture and Fisheries.

#### *Field Day Time Investment*

The Workshop Series is delivered in 2 x 2 day sessions.

Ideally 6-8 hours per day allowing for landholder travel, one to two weeks between each session depending upon availability of attendees.

Further Information:

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Workshops delivered by PFSQ, sponsored by the Qld Dept of Agriculture and Fisheries through the

*Private Native Forest Extension Program*