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Australia

# CERTIFICATE OF CONFORMITY SPECIFICATION NO JF1878 1.1/2

## Arbour © JF1878 Tetraploid Jatropha Hybrid

- Fruit set increased by over 200%
- Fruit size increase over 85%
- Seed size increased by over 30%
- Our Jatropha trees grow over 30%/year faster (compounding)..
- Harvest Cycle - commercial size 2.5 years.
- Can produce over 0.4 ton of seed/Ha Calorific value 25MJ/kg
- Dried Fruit up to 2-ton fruit/year calorific value 18.21MJ/kg
- Jatropha oil 39.47MJ/kg
- Planation life above 50 years.
- Excellent tree mine site land stabilization.
- Tolerates a wide range of soil types.
- Tolerates extreme conditions both heat and flooding.
- Has a wide temperature range -5c to above 50c.
- An excellent choice for under planting.



**Ref JF1878 1.1 +2**



### Originates of JF1878Jatropha Hybrid

Our starting clones come directly from the Tyrconnell gold mine far North Queensland and are the original plants brought over by the Chinese to the town of Thornborough in 1878 this origin stock produced all the oil needed to light and run the town and to light the mine Our starting clones are cutting from these first original clones and must of represent the top performing plants of their day. The samples were collected with the assistance of the Australian department of Primary Industries (DPI).

Their clonal lines represent over 15 years of breeding and trail evaluation, these are the only tetraploid Jatropha in the world, these tetraploid clones exhibit increase growth and the ability to fix 30%, the seed size and seed set have been greatly increased due to the Tetraploid process while using no more resources like water and fertilizer.

REF COLLECTION DATA

SUMMARY PAGE 1 & 2



Department of  
Employment, Economic  
Development and Innovation

