



ABN 854 0412 0287  
Established 1973

**LEWIS HORTICULTURE-WORLD LEADERS IN HIGH DENSITY OLIVE GROVE TECHNOLOGY USING LOW VIGOUR VARIETIES**

**Signore-proven performance in Australia**



Signore fruit clusters

- Superior oil yields of up to 35% from fruit at the mill
- Reduced labour of up to 59% compared with traditional olive groves
- Self fertile
- High continuous productivity
- Early to commence cropping
- Early harvest date
- Full mechanical pruning from first commercial crop
- Patented variety
- High quality varietal oil

**Signore-real outcomes to increased profitability**



Harvesting with a Gregoire harvester

**Signore** has been bred especially for harvesting using “over the row” harvesting equipment. Harvest of our 3 year old grove of Signore at Buckland Park, South Australia in 2005 produced 4600Kg per Hectare with a **harvest cost of 18c per Kilogram of fruit.**

With a 1/4/05 harvest date, a **31.8% oil content** was achieved at the mill.

**Total harvest and processing cost** from this harvest was **\$1.27 per Litre of oil.**

Quality of oil produced was excellent winning 2 silver awards in the South Australian Olive Oil Show (Non packaged Oil) 2005.

**Australian Olive Oil Awards 2005-Best Oil in class-Non Packaged**

# Signore-Superior Yields

Production Years	Yield per Hectare (Kg/Hect)
1st	0
2nd	625-1250
3rd	3750-5000
4th	7,500-10,000
5th	12,500-15,000
6 <sup>th</sup> onwards	15,000-17,000

Data as supplied by the Olive Research Institute-Perugia. Each production year includes a full winter season in the grove.

- Anticipated cropping of a Signore grove at 1250 trees per hectare.
- Signore commence production early, and is high and constant without a biannual bearing habit.
- Signore is self fertile, so over coming the need for pollinators and the associated management problems
- Harvest date is around 4 weeks earlier than Frantoio and other mid season varieties. Ideal for cool growing climates and areas with early autumn rains or frosts which reduce oil yields and quality



2 year old High Density Signore grove



**“ Tomorrows solutions-Today”**

## Lewis Horticulture for-

- **Proven low vigour olive varieties for high density planting**
- **Grove management**
- **Consultancy**
- **Agronomy**
- **Tree Supply**
- **Project design**

Contact: - Hartley Lewis B.Ag.Sc  
Email: hartley@lewisnurseries.com.au

Malcolm Lewis Adv.Dip.Hort  
Email: malcolm@lewisnurseries.com.au

Ph +61 8 83809598

Fax +61 8 83809774

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