New Varieties for the Desert Citrus Industry

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Cavers Lisbon
- Early size
- Good yield
- Fruits throughout tree
- Vigorous

Lemons
- Early season sizing
- Precocity
- High yields

Limonero Fino 49
- Winter lemon of Spain
- Early size
- Good yield
- Thorny
- Fruits throughout tree
- Vigorous

Graph showing annual yield of different lemon varieties over time.
Approximate yield in field boxes per acre (based on 24 x 24 ft. spacing)

Letters indicate significant differences, within harvest dates or for total yield (bold letters), between selections tested.

There was no significant effect of selection upon second harvest yield.

2002-02 Block 17 Lemon Packout - 10/16/02 Harvest

![Chart showing packout (%) for different cultivars on 10/16/02 harvest]

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![Chart showing packout (%) for different cultivars on 10/16/02 harvest]

2002-02 Block 17 Lemon Packout - 2/14/01 Harvest

![Chart showing packout (%) for different cultivars on 2/14/01 harvest]

2002-03 Block 17 Lemon Packout - 10/16/02 Harvest

![Chart showing packout (%) for different cultivars on 10/16/02 harvest]

2002-03 Block 17 Lemon Packout - 2/14/03 Harvest

![Chart showing packout (%) for different cultivars on 2/14/03 harvest]

2002-03 Block 17 Lemon Packout - 10/16/02 Harvest

![Chart showing packout (%) for different cultivars on 10/16/02 harvest]

1999 - 2003 Block 22 Lemon Yields

![Graph showing lemon yields for different years and cultivars]

Letters indicate significant differences, within fruit sizes, between cultivars tested.

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New Lemon Acquisitions

- Limonero Fino 49
- Cavers Lisbon
- Walker Lisbon
- Taylor Eureka
- Lapithotiki
- Genoa Old Line
- Monroe Lisbon
- Dr. Strong

Mandarins

- Precocity
- High yields
- No granulation
- Easy peeling
- Seedless

Fallglo Mandarin

- Excellent size
- Good yield
- Does not typically granulate
- Easy to peel
- Early
- Seedless!
- Seedless budwood available soon
**W. Murcott Afourer (Delite)**

- Easy to peel
- Does not apparently granulate in the desert
- Late fruit (December - January)
- Not very seedy especially if isolated
- Smaller fruit (Medium and Large)
- Market window?

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**TDE’s and Gold Nugget**

- Seedless, easy peeling
- Yield?
- Market window?

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**Mandarin Trials in progress or planned**

- Fallglo Trial – Terminated October 2002
  - Yuma – Jan. 2004 (bud seedlings)
- Delite
  - Phoenix – April 2002 (planted)
  - Yuma – June 2003 (planted)
  - Yuma – April 2004 (bud seedings)
- TDE 1-4
  - Yuma – April 2004 (bud seedings)
- Gold Nugget
  - Phoenix – April 2002 (planted)
  - Yuma – April 2004 (bud seedings)