

Cultural Practices

- Self grove inspections.
- Copper
 - Spray 5 to 10 times per year.
 - Based on flushing patterns.
 - They don't spray as much during the summer because of the high temperatures.
 - When temperatures rise above ~87°F, they switch to night spraying.



- Leafminer
 - Closely monitored to reduce the spread of canker.
 - Often use Agri-Mek applied by plane.
- Pruning
 - Regular pruning is conducted during the dry season.
 - Pruning of canker infected branches and fruit is continuous.

Inspection & Harvest

- Europe is their most profitable fresh fruit market.
- SENASA conducts a pre-inspection (~Dec.).
 - If found canker free, then grower can apply for a harvesting permit.
- Final SENASA inspection ~15 days before harvest.
 - For the EU, harvest must be complete within 60 days of the inspection.
- · Some grading is done in the field.
 - Leave as much canker fruit in the field as possible.

Packinghouse Pre-grade

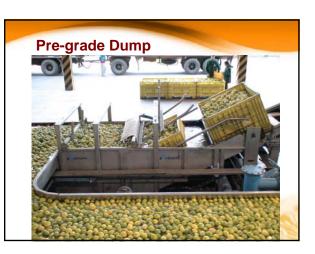
- Packing operations utilize a pre-grade line, in addition to the main packingline.
 - Up to ~2% of the fruit from "canker-free" groves can show canker symptoms when dumped on the pre-grade line.
 - Fruit are washed, treated, electronically & manually graded, and then placed back into bins for degreening, or placed back into bins for transport to the main packingline.



Packinghouse Pre-grade

- SENASA inspects ~2% to 5% of the incoming fruit.
- Fruit canker treatments:
 - SOPP, 2%
 - Chlorine, 200 ppm, 2 min.
- Fungicide treatments:
 - Sodium Bicarbonate (3%, most not heated)
 - TBZ
 - Imazalil















Main Packingline

- Theoretically, all fruit with canker must be removed before dumping on the main packingline.
 - In practice, there is apparently flexibility if infected fruit is found on the main line dump.
- No canker can be found in the final packed carton.
- If canker is found in the carton,
 - The block, buffer blocks, and any fruit that have not received their certificate are removed from EU eligibility.
 - The fruit can be directed to alternate markets without re-conditioning.











