

PrimeArk 45 at UC Hansen REC

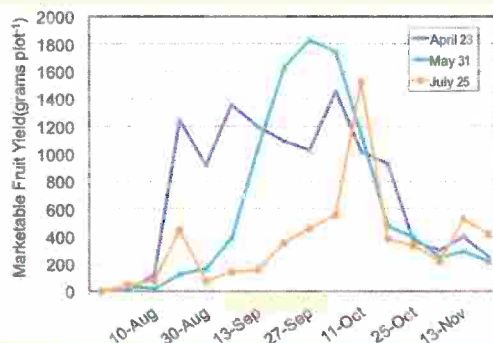
- Planted in October 2011 – small plugs
- Only pre-plant fertilizer: 500lbs 18-6-13
- Non-fumigated soil, no pesticides used in-season
- Posts and string for support
- Harvested by Master Gardener crew weekly



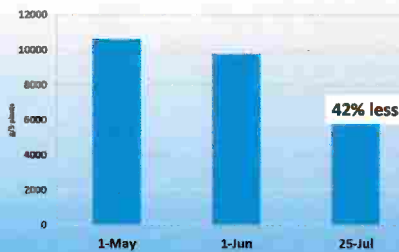
September fruiting of earliest tipping



2012 fruit yield at 3 tipping times



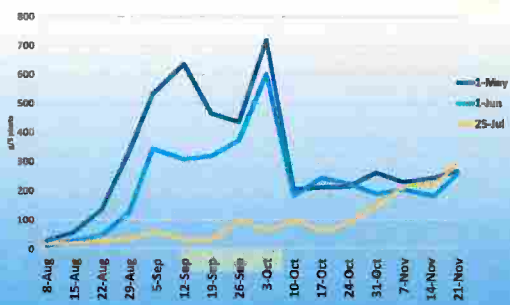
2012 fruit yield at 3 tipping times



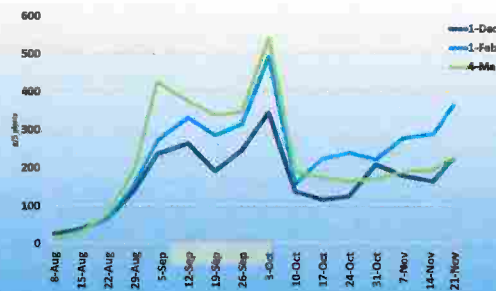
2012 fruit size at 3 mowing times

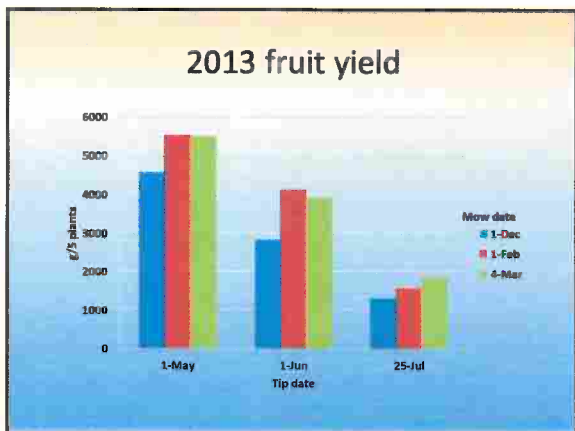


2013 fruit yield at 3 tipping times



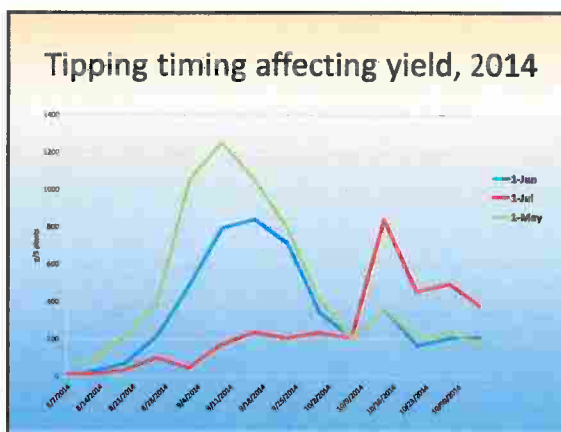
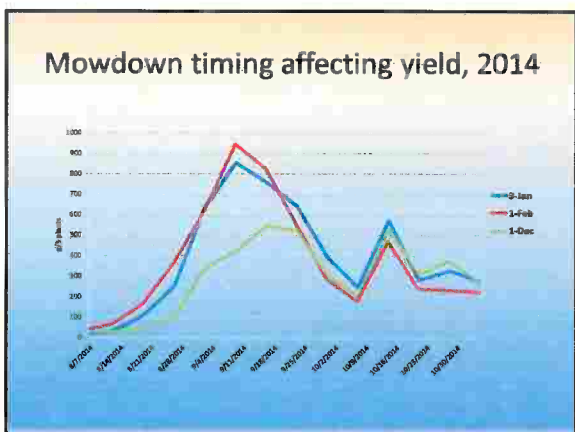
2013 fruit yield at 3 mowing times

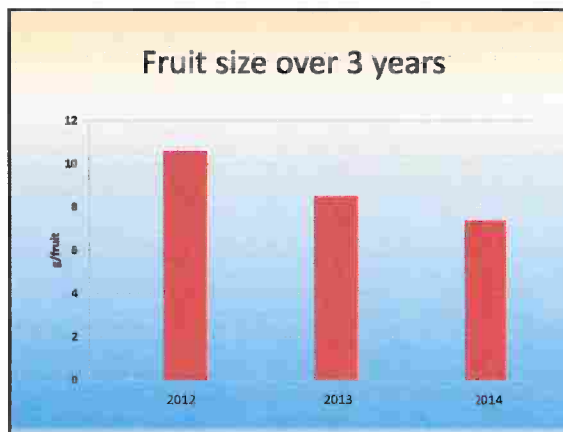
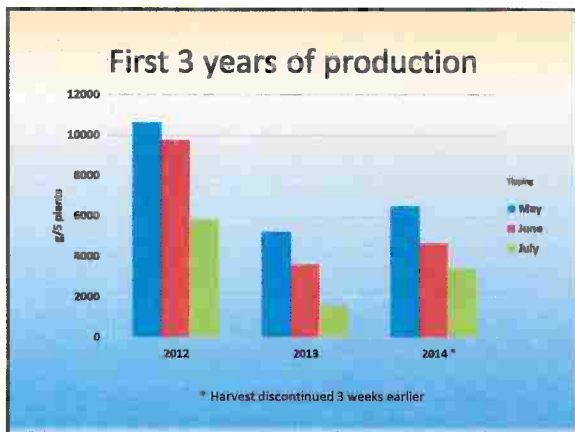
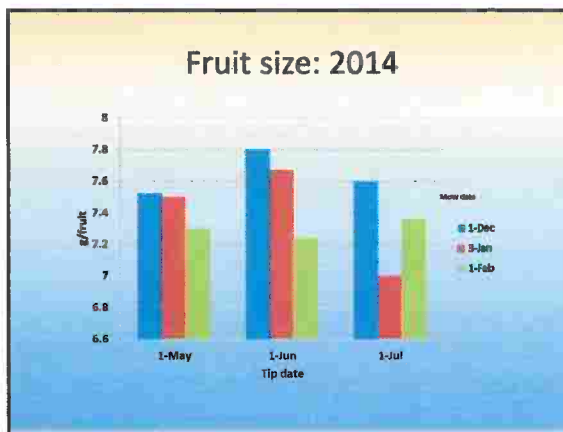
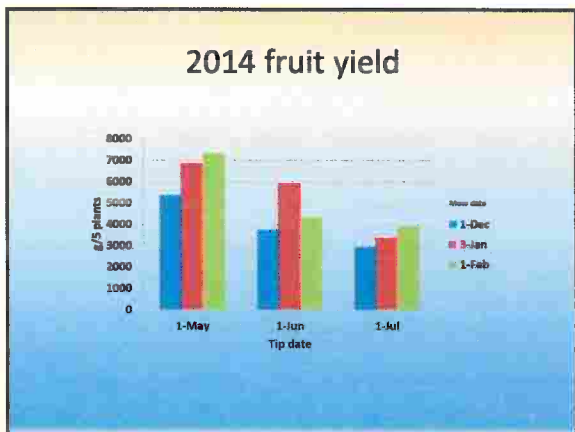




2013 fruit size

- NO effect of mowing time but, **tipping:**
- 1 May = 8.73 g
- 1 June = 8.73 g
- 25 July = 8.14 g (significantly smaller)





Problems: Spotted-wing drosophila

- Traps and sanitation only (no sprays)
- Up to 60% fruit unmarketable during warmest weeks of the season
- Cold nights in November = no SWD damage
- Weekly harvest – not frequent enough, but all unmarketable fruit removed (fed to chickens)

Problems: 2013 spring cane die-back

No pathogens isolated, 5-10% of canes dried

Problems: 2014 spring canes break off after strong winds in May.



Problems: strong Santa Ana winds



Other Problems:

- Birds
- Sunburn
- Scaring of fruit (wind and cane movement)
- Occasional red berry mite
- Botrytis after a rain (once in 2 years)

Thanks to Hansen fund and UCCE-Ventura MGs/Volunteers for support of this project!

