







## Data summary

Data element	Sample	Number of times per year	Type of test
% HLB infection	ACP mass rearing colony	3-4	qPCR
	Trial ACP	3-4	qPCR
	Trial tree	2	qPCR
CTV titer	Trial tree	2	ELISA
	Sentinel tree	2	ELISA
Stability of RNAi inserts	Trial tree	3-4	RTPCR/gel electrophoresis
% mortality	Trial ACP	3-4	Survival counts of initial ACP and progeny
Rate of ACP reproduction	Trial ACP	3-4	Survey for proportion of ACP developmental stages
Rate of natural ACP colonization and non-target effects	Uncaged trial tree	monthly	Survey for proportion of ACP developmental stages; survey of non-targets
Presence of other citrus pests and diseases	All trees	monthly	Survey for additional citrus pests (brown aphid, citrus leafminer, etc.)

## RNAi – Who owns it

- CSIRO – Commonwealth Scientific and Research Organization
  - Australian Government Corporation
    - BOD and CEO
  - 1800 Patents
    - 4 patent families around RNAi
    - Basically if you are going to commercialize/research RNAi you will need FTO around CSIRO patents.
- SCG and CSIRO
  - CTV
  - GE
  - Foliar applications



Questions?