Subtropical development and extension project

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Thanks to

NSW DPI – Mick Davy
NSW growers
Golden Dawn – Geoff Bridgfoot, Paul Gibbins, Paul Thorburn, Kay Adriaansz
D&D Ripeners – Dave Norberry

Project components

Subtropical NextGen

Reject and packed product analysis

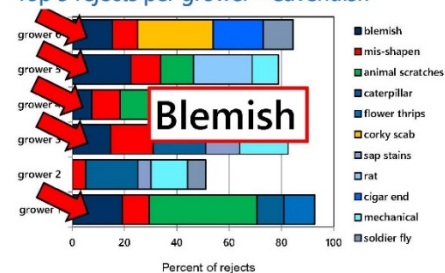Demonstration trials and extension materials

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Subtropical NextGen

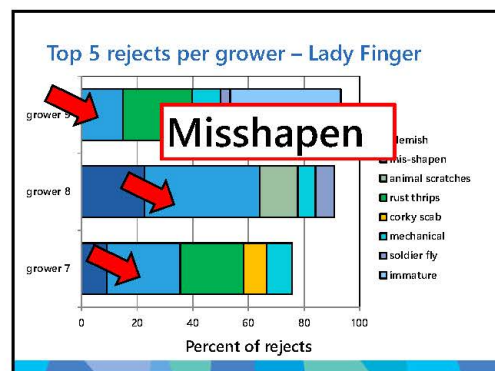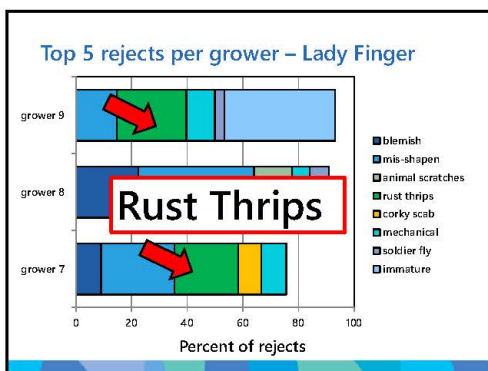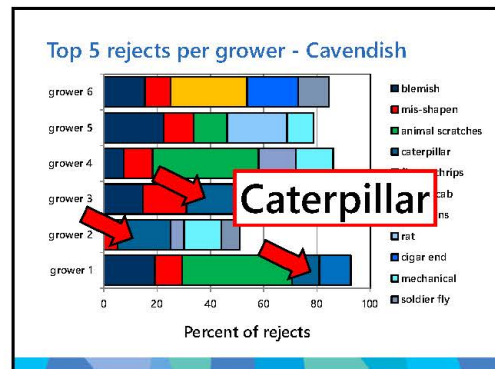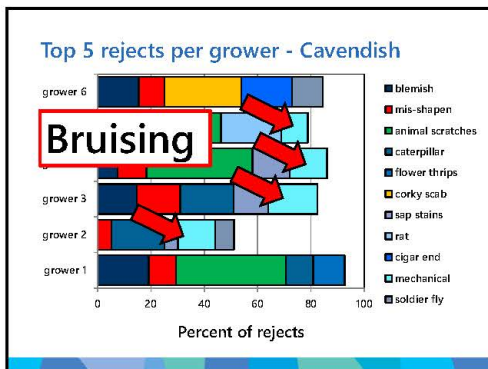

Reject analysis
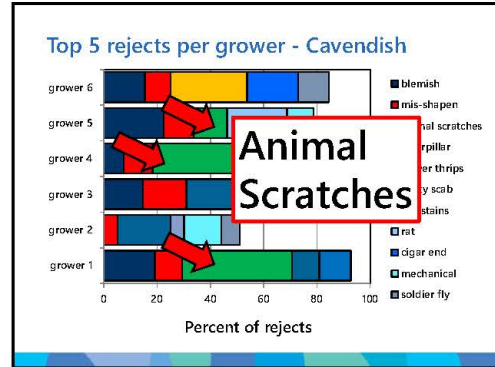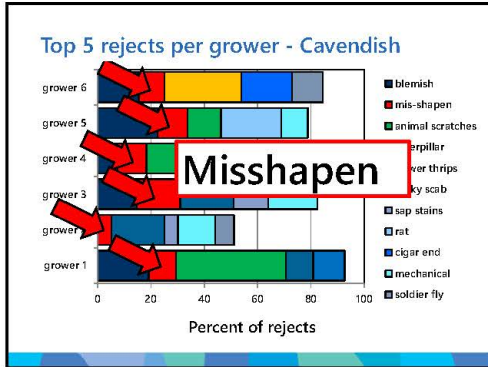
50 - 100 fruit per grower – everything but premium fruit

Identify what the cause of the reject is

Aim to develop information packages and demonstrations to reduce reject fruit

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Top 5 rejects per grower - Cavendish

Blemish

Legend: blemish, mis-shapen, animal scratches, caterpillar, flower thrips, corky scab, sap stains, rat, cigar end, mechanical, soldier fly

Percent of rejects

Top 5 rejects per grower - Cavendish

Misshapen

Top 5 rejects per grower - Cavendish

Animal Scratches

Top 5 rejects per grower - Cavendish

Bruising

Top 5 rejects per grower - Cavendish

Caterpillar

Top 5 rejects per grower – Lady Finger

Rust Thrips

Top 5 rejects per grower – Lady Finger

Misshapen

Misshapen fruit

Top 5 rejects per grower – Lady Finger

Legend:
- blemish
- mis-shapen
- animal scratches
- rust thrips
- corky scab
- mechanical
- soldier fly
- immature

Bruising

x-axis: Percent of rejects (0, 20, 40, 60, 80, 100)
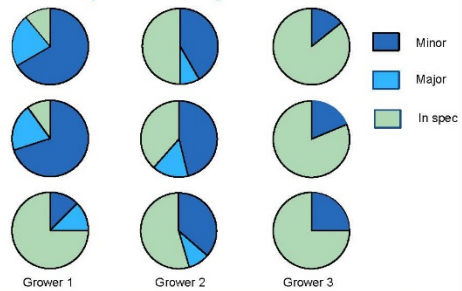y-axis: grower 9, grower, grower 7
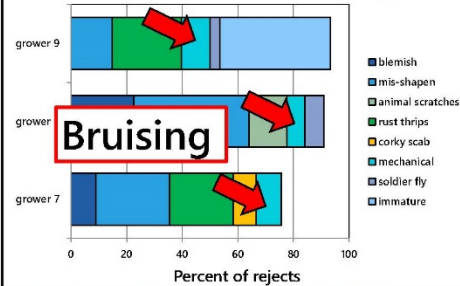
Packed product analysis

Use the Woolworths Coffs Harbour specs

Unpack boxes and check if clusters are within specs

Initial data only

Packed product analysis – Cavendish Coffs

Legend:
- Minor
- Major
- In spec

Grower 1   Grower 2   Grower 3

Major defects

WE WANT YOU!