Pruning and Training to maximise marketable yields

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AGFIRST
Objectives

What are we trying to achieve?
• High marketable yield
• Cost efficiency
• Consistency
• Great quality fruit – What? (size, brix, colour, consistency)
Same density and yield
Simple and complex tree forms
Which one do you want?
Visualise tree form

- Center leader
- Central axis
- Solaxe
- Super spindle
“Top performance comes from SIMPLE SYSTEMS”

“Understand the process”
Rules for Shoot Growth
“Renewal pruning”
“Long pruning”

- Renewal of old fruiting branches
- Removal of old poorly located fruiting branches
- Removal of lateral branches
Influences of Branch Training
Steeper = stronger growth
Horizontal = more fruit
Training controls regrowth
Fruiting branches

- Simple units
- The same from top to bottom
- Have simple math's
- Ability for simple supervision
- Consistent light leads to consistent quality
Fruiting branches

Can be enhanced by
Training and Pruning
Performance is achieved through consistency

- High tree density
- Simple branches
- Simple management
Attention to detail?
Open Prune = more light in bottom
Open Prune = consistent flowering
How much is enough?
Bud Counting

Yield /ha → Yield/ tree

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Buds/ branch ← Yield/ branch

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Pruning

• Start with the End in Mind
• Harvest Light
• Quality Wood and Attention to Detail
• How much 1-year old wood is required
• Communicate and Monitor
Create a “system”
&
“apply it consistently”

Thank you