ACHIEVING TARGETED YIELDS IN THE VINEYARD

Technical Monitoring	Actions/Decisions by Management
	Assign Quality Target (by grade or end use)
	⇩
	Assign Yield Target to achieve specific Quality Target (variety & clone dependent)
	⇩
Bud Fruitfulness assessment →	Insert bud fruitfulness, target bud number, predicted bunch number and bunch weight range (low, long-term average, high) to formulate predicted yield.
 	⇩
	Assess predicted yield range and compare with past seasonal performance.
	⇩
	Assess pruning style to best achieve required bud number.
	⇩
	Assign Target Bud Number.
	⇩
	Prune trial area to target bud number
	⇩
Count actual bud number in trial area →	**Formalise Target Bud Number**
	⇩
	Prune whole block.
	⇩
Count actual bud number over whole block →	Actual buds per vine
	⇩
	
Count bunches pre-flowering →	**Actual Bunches per Vine** – Accompanied by long-term average

bunch weight gives *1st Yield Estimate*

⬇

Flower counting pre-flowering
(to refine bunch weight prediction to assess likeliness of bunch weight being significantly higher or lower than long-term average)

➡ **Revised prediction of Bunch Weight** – accompanied by bunches per vine gives *2nd Yield Estimate*
(Bunch weight based on flowers per bunch X predicted berry weight)

⬇

Consider need for shoot thinning pre-flowering if early yield reduction required

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Berry counting at pea-size
(to refine bunch weight and hen & chicken proportions)

➡ **Revised prediction of Bunch Weight** – accompanied by bunches per vine gives *3rd Yield Estimate*
(Bunch weight based on berries per bunch X predicted berry weight)

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Consider need for fruit thinning at pea-size back to target yield

⬇

Harvest fruit sample just before picking

➡ **Final Yield Estimate** – take into account estimated efficiency of picking (mechanical vs hand)
(final estimate based on fruit sample picked just prior to harvest)

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Consider whether yield and quality variability exists within block – assess need for hand picking/split-picking to optimise end result

- count berries and bunches and weigh prior to harvest