

# Spring Crop Protection – Conventional

- Coverage is absolutely important. With a primarily protective programme it is imperative to cover every part of the vine.
- From budbreak, applications are recommended every 14 days to cover emerging growth.
- New product options are emerging frequently so recommendations may change.

Timing	Products	Concentration (per 100 l -For ha rates match with water rate)	Probable water rate*	Mode of action	Issues / On Orchard activity – immediately prior to spray
7 days after Hicane	Nordox 75WG	70 g	1000 l / ha	Protectant	
	Kocide Opti	90 g		Protectant	
	Liquicop	500 ml		Protectant	
	+				
	Sporekill	100 ml		Sterilant	
Approx 25 days					
Green tip (after budbreak)	Nordox 75WG	40 g	1000 l / ha	Protectant	
	Kocide Opti	50 g		Protectant	
	Liquicop	200 ml		Protectant	
	+				
	Sporekill	100 ml	Sterilant		
	MesuroI	150 ml	1000 l / ha	Bird control on Hort16A	
12-14 days					
Shoot extension 14 days from budbreak	Nordox 75WG	40 g	1250 l / ha	Protectant	Crush tip
	Kocide Opti	50 g		Protectant	
	Liquicop	200 ml		Protectant	
	+				
	Sporekill	100 ml		Sterilant	
12-14 days					
28 days from Budbreak	Nordox 75WG	40 g	1500 l / ha	Protectant	Second crush tip round Bud thin to manage numbers
	Kocide Opti	50 g		Protectant	
	Liquicop	200 ml		Protectant	
	+				
	Sporekill	100 ml		Sterilant	
12-14days					

Preflowering (Its easy to remove the triples)	Nordox 75WG	40 g	1500 l / ha	Protectant	
	Kocide Opti	50 g		Protectant	
	Liquicop	200 ml		Protectant	
	+				
	Sporekill	100 ml		Sterilant	
	+				
	Prodigy			Leaf roller control	
	Movento + Partner		1500 l / ha	Scale control	Do not tank mix with copper products. Separate application – this can go close to flowering
Flowering	Spotless	3.5 l per ha	2000 l / ha	Sterilant and Elicitor	Scloritinea claim can be used up to 80% flower
	Blossom Bless	300g per ha	2000 l / ha	Biological control	

Anytime between budbreak and 7 days of flowering	Key Strepto	1.2 kg / ha		Sterilant	Use prior to high infection risk periods or after unprotected damage Special conditions apply to use Maximum of three applications budbreak to flowering
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#### Alternate products

\*Water rate should be matched to degree of canopy development – enough to ensure coverage without excessive runoff. Assumes standard nozzles, low drift AI combination employs lower water rate higher concentrations with inclusion of wetter.

If in High Risk or Priority Zones three applications of PSA protectants need to be made between budbreak and flowering to qualify for the KVH spray subsidy of \$300 per ha.

*Note: This programme is provided without guarantee. The efficacy of many of the products is not fully confirmed.*

# Spring Crop Protection Programme – Organic

- Coverage is absolutely important. With a primarily protective program it is imperative to cover every part of the vine.
- From budbreak applications are recommended every 14 days to cover emerging growth.
- New product options are emerging frequently so recommendations may change.

Timing	Products	Concentration (per 100 l -For ha rates match with water rate)	Probable water rate*	kg Cu per app	Mode of action	Issues On Orchard activity – immediately prior to spray
After Pruning	Nordox 75WG	70 g	1000 l / ha	0.525	Protectant	
Green tip (after budbreak)	Nordox 75WG	40 g	1000 l / ha	0.3	Protectant	
14 days						
Shoot extension 20 days from budbreak	Nordox 75WG	40 g	1250 l / ha	.375	Protectant	Crush tip
14 days						
33 days from Budbreak	Serenade Max	90g	1500 l / ha		Biological control	Second crush tip round Bud thin to manage numbers
7 days						
40 days from Budbreak	Oil	1000ml			Scale control	Target leader and 1 m each side
7 days						
Preflowering	Nordox 75WG	40 g	1500 l / ha	0.6	Protectant	
	Serenade Max	90g			Protectant	
Flowering	Blossom Bless	300g per ha			Biological control	

## Alternate products

\*Water rate should be matched to degree of canopy development – enough to ensure coverage without excessive runoff. Assumes standard nozzles, low drift AI combination employs lower water rate higher concentrations with inclusion of wetter. If in High Risk or Priority Zones two applications of PSA protectants need to be made between budbreak and flowering to qualify for the KVH spray subsidy of \$100 per ha per application up to three applications

*Note: This programme is provided without guarantee. The efficacy of some of the products is not fully confirmed.*