

## CHEMICAL PRODUCTS, APPLICATION RATES, ACTIVITY AND NEW ZEALAND PRE-HARVEST INTERVAL

### ALWAYS READ THE LABEL

- ✓ Information on the label may indicate special precautions, compatibility, information on the maximum number of applications allowed per season and the need for adjuvants
- ✓ Some active ingredients are marketed under several trade names. Refer to your horticultural advisor for active ingredients, associated trade names and HSNO classification
- ✓ Avoid spraying at flowering to minimise harm to bees
- ✓ List details of all crop applications in a spray diary
- ✓ Application of agrichemicals must only be carried out by someone with an Approved Handler, or current GrowSafe Certificate
- ✓ Minimise risk of pesticide resistance by avoiding back to back applications of chemicals in the same group and limit the number of applications per season
- ✓ Growers are responsible for ensuring that off-label use of agrichemicals is necessary, safe and compliant with respect to Maximum Residue Levels (MRLs)
- ✓ Adhere to pre-harvest intervals (withholding periods) where these are available. This is the time in days that must elapse between the last spray and harvest. If sending to a combination of markets, the longest withholding period applies
- ✓ Residues must comply with importing country MRLs

### FUNGICIDES

Trade Name	Active Ingredient	Rate/100L	Pre-Harvest Interval (days)	Max no. apps/year	Key Disease					Minor Disease		
					Botrytis	Anthraco-nose	Rust	Botryosphaeria	Bacterial Blast	Early Rot	Stem Blight	Leaf spot
*Bravo, Blizzard	chlorothalonil	180mls	7	-	■							
Captan 800WG	captan	125g	1	-	■					■	■	
*Chief, Protek	carbendazim	Various, check label	5	-			■	■		■		
*Escolta	cypriconazole & trifloxystrobin	175mL	NI	-			■					
*Folicur	tebuconazole	40mL	NI	-			■	■				
*Kocide Opti, Champ DF	copper hydroxide	Various, check label	Nil	-			■	■	■	■		
*Nordox 75WG	cuprous oxide	70 - 90g	Nil	-			■	■	■	■		
*Pristine	boscalid & pyraclostrobin	50g	14	1			■					
*Scala	pyrimethanil	200mL	7	-	■	■						
Switch	cyprodinil & fludioxonil	80g	28	2	■	■						
*Dithane, Manzate, Rainshield, Pencozeb,	mancozeb	200 - 210	14	-			■					■
*Taratek	chlorothalonil & thiophanate methyl	150 - 300mL	NI	-	■							
*Seranade Max, Clarity	Bacillus subtilis	Seranade Max 250 - 400g Clarity 265 - 530g/ha	Nil	-	■	■				■		

### PESTICIDES

Trade Name	Active Ingredient	Rate/100L	Pre-Harvest Interval (days)	Max no. apps/year	Key Pest											
					Leaf Roller	Thrips	Bud Mite	Caterpillars (various)	Scale	Mealy Bugs	Slugs & Snails	Whitefly	Aphid			
*Avid	abamectin	25 - 50mL	NI	-	■	■	■									
*Confidor	imidacloprid	various, refer to label	NI	-		■				■						■
*Dipel	<i>Bacillus thuringiensis</i>	25 - 100mL	Nil	-	■			■		■						
*Dusk	Iron-EDTA	15kg/ha	Nil	-											■	
*Eco-oil	canola oil	0.5 - 1.0L	Nil	-					■							
Movento	spirotetramat	96mL	7	3		■				■						
Prodigy	methoxyfenozide	25mL	7	3	■											
*Sparta	spinetoram	40mL	14	-	■	■		■								
*Success Naturalyte	spinosad	40mL	14	-	■	■										
*Transform	sulfaxaflor	200 - 300mL	NI	-											■	■
*Applaud	buprofezin	30mL, note water rates	NI	-					■	■					■	

### HERBICIDES

Trade Name	Active Ingredient	Rate	Activity
Round-Up, Lion, Synergy, Glyphosate, Weedmaster	Glyphosate	various, check label	Knockdown
Buster, Bash, Nirvana	Glufosinate	3 - 10L/ha	Knockdown
Rout	Oxyfluorzen & Oryzalin	100kg/ha	Pre-emergent

### LEGEND

- Has a label claim for this pest or disease on blueberry
- Has known activity against this pest or disease but no label claim for blueberry, results may not assured
- NI No information available to set a withholding period for blueberry  
Interval given may be for crops other than blueberry

### \*Unregistered product; used "off-label"

Withholding periods have been assembled from a combination of BBNZ guidelines, and label recommendations for Blueberries or similar products for NZ; also referencing Australian guidelines and MRL's for target markets. Any statutory or NZ industry requirements override the periods indicated and must be carefully noted and updated accordingly.