

Disease solutions for pome fruit.

Disease Name							
Common	Scientific	Product	Fungicide Group	PHI (days)	REI	Rainfast	Rate (kg or L/ha)
Apple quince	<i>Gymnosporangium clavipes</i>	Polyram® DF (apple only)	M ²	45	12 hrs	n/a	4.5 – 6.0
Apple scab	<i>Venturia inaequalis</i>	Kumulus® (apple only)	M	1	24 hrs	n/a	12 – 22.5
		Polyram DF (apple only)	M ²	45	12 hrs	n/a	4.5 – 6.0
		Pristine®	7 & 11	5	Once dry – 12 days	1 hr	1 – 1.2
		Sovran® (apple only)	11	30	48 hrs	1 hr	0.18 – 0.36
		Sercadis™	7	0	12 hrs	1 hr	0.167 – 0.333
Bitter rot / glomerella leaf blotch	<i>Colletotrichum</i> spp.	Pristine	7 & 11	5	Once dry – 12 days	1 hr	0.6 – 1.2
Black rot / frog eye leaf spot	<i>Botryosphaeria obtuse</i>	Pristine	7 & 11	5	Once dry – 12 days	1 hr	0.6 – 1.2
Brooks spot	<i>Mycosphaerella pomii</i>	Pristine	7 & 11	5	Once dry – 12 days	1 hr	0.6 – 0.8
Cedar apple rust	<i>Gymnosporangium juniperi-virginianae</i>	Polyram DF (apple only)	M ²	45	12 hrs	n/a	4.5 – 6.0
Fire blight	<i>Erwinia amylovora</i>	Apogee® (apple only – suppression)	11	45	12 hrs	8 hrs	1.35
Flyspeck	<i>Zygothiala jamaicensis</i>	Pristine	7 & 11	5	Once dry – 12 days	1 hr	0.6 – 0.8
Pear scab	<i>Venturia pirina</i>	Kumulus (pear only)	M	1	24 hrs	n/a	12 – 22.5
		Pristine	7 & 11	5	Once dry – 12 days	1 hr	1 – 1.2
		Sovran (pear only)	11	30	48 hrs	1 hr	0.24 – 0.36
		Sercadis	7	0	12 hrs	1 hr	0.167 – 0.333
Powdery mildew	<i>Podosphaera leucotricha</i>	Kumulus (apple & pear only)	M	1	24 hrs	n/a	12 – 22.5
		Pristine	7 & 11	5	Once dry – 12 days	1 hr	1 – 1.2
		Sovran (apple only)	11	30	48 hrs	1 hr	0.24 – 0.45
		Sovran (pear only)	11	30	48 hrs	1 hr	0.24 – 0.36
		Sercadis	7	0	12 hrs	1 hr	0.167 – 0.333
Sooty blotch	disease complex	Pristine	7 & 11	5	Once dry – 12 days	1 hr	0.6 – 0.8

Insect and mite solutions for pome fruit.

Insect Name							
Common	Scientific	Product	Group	PHI (days)	REI	Rainfast	Rate (kg or L/ha)
European red mite	<i>Panonychus ulmi</i>	Nealta®	25	1	12 hrs	1 hr	1.0
McDaniel spider mite	<i>Tetranychus mcdanieli</i> McGregor	Nealta	25	1	12 hrs	1 hr	1.0
Rust mite	<i>Aculus schlechtendali</i>	Kumulus	M	1	24 hrs	n/a	6.00
Two-spotted spider mite	<i>Tetranychus urticae</i> Koch	Nealta	25	1	12 hrs	1 hr	1.0

Weed solutions for pome fruit.

Weed							
Type	Common Name	Product	Herbicide Group	PHI (days)	REI	Rainfast	Rate (kg or L/ha)
Annual broadleaf	Common chickweed	Prowl® H ₂ O (BC – apple only)	3	30	24 hrs	n/a	3.7
	Lamb's-quarters						
	Redroot pigweed						
Annual grass	Barnyard grass	Poast® Ultra	1	30	12 hrs	1 hr	0.32 – 0.47
		Prowl H ₂ O (BC – apple only)	3	30	24 hrs	n/a	3.7
	Crabgrass (large)	Poast Ultra	1	30	12 hrs	1 hr	0.32 – 0.47
	Crabgrass (smooth, large)	Prowl H ₂ O (BC – apple only)	3	30	24 hrs	n/a	3.7
	Fall panicum	Poast Ultra	1	30	12 hrs	1 hr	0.32 – 0.47
	Foxtail (green, yellow)	Poast Ultra	1	30	12 hrs	1 hr	0.32 – 0.47
		Prowl H ₂ O (BC – apple only)	3	30	24 hrs	n/a	3.7
	Old witchgrass	Poast Ultra	1	30	12 hrs	1 hr	0.32 – 0.47
	Persian darnel						
	Proso millet						
	Volunteer corn						
	Wild millet						
Quackgrass							
Perennial grass	Quackgrass	Poast Ultra	1	30	12 hrs	1 hr	0.32 – 0.47

Plant growth regulator solutions for pome fruit.

Concern Name						
Type	Product	PHI (days)	REI	Rainfast	Rate (kg or L/ha)	
Vegetative growth	Apogee® (apple only)	45	12 hrs	8 hrs	0.81 – 1.35	