

# Summerfruit Australia Regional Roadshow

23<sup>rd</sup> – 25<sup>th</sup> May 2023

## Maximum Residue Levels (MRLs) & With-Holding Periods (WHPs)



# MRLs – WHPs – XWHPs (Entrust®)

COUNTRY	MRL	WHP
Australia	0.2	3 days
Canada	0.2	3 days
China	0.15	10 days (XWHP)
EU	0.2	3 days
Hong Kong	Not Set	Blossom
India	0.01	Blossom
Indonesia	0.2	3 days
Japan	0.8	3 days
Malaysia	0.15	10 days (XWHP)
Oman	0.15	10 days (XWHP)
Saudi Arabia	0.15	10 days (XWHP)
Singapore	0.15	10 days (XWHP)
Taiwan	0.2	3 days
Thailand	0.15	10 days (XWHP)
UAE	0.15	10 days (XWHP)
Vietnam	Not set	Blossom

# Calculating XWHPs

1. XWHPs has not been used on export stonefruit until now
2. Potential commercial advantage over other countries
3. Only suits certain chemicals where residues decline predictably
4. Calculations based on an **OECD** (*Organization for Economic Cooperation and Development*) **Calculator** which has many safety factors
5. APVMA have been consulted and have no problems with XWHPs

# Summerfruit: before calculations

Luna Sensation = fluopyram + trifloxystrobin

## Fluopyram

Fruit	APVMA	China	Malaysia	Saudi Arabia	Singapore	UAE	Canada	Oman	Vietnam
Apricot	2	1	1 C	1 C	1 C	1 C	0.5	1 C	1
Nectarine	2	1	1 C	1 C	1 C	1 C	0.5	1 C	1
Peach	2	1	1 C	1 C	1 C	1 C	0.5	1 C	1
Plum	2	0.5	0.5 C	0.5 C	0.5 C	0.5	0.5	0.5 C	0.5

## Trifloxystrobin

Fruit	APVMA	China	Malaysia	Saudi Arabia	Singapore	UAE	Canada	Oman	Vietnam
Apricot	5	0.7	3 C	3 C	3 C	3 C	2	3 C	3
Nectarine	5	0.7	3 C	3 C	3 C	3 C	2	3 C	3
Peach	5	0.7	3 C	3 C	3 C	3 C	2	3 C	3
Plum	5	0.7	3 C	3 C	3 C	3 C	2	3 C	3

Prior to this project, Summerfruit exports to these countries would be advised against, because MRLs are below those in Australia

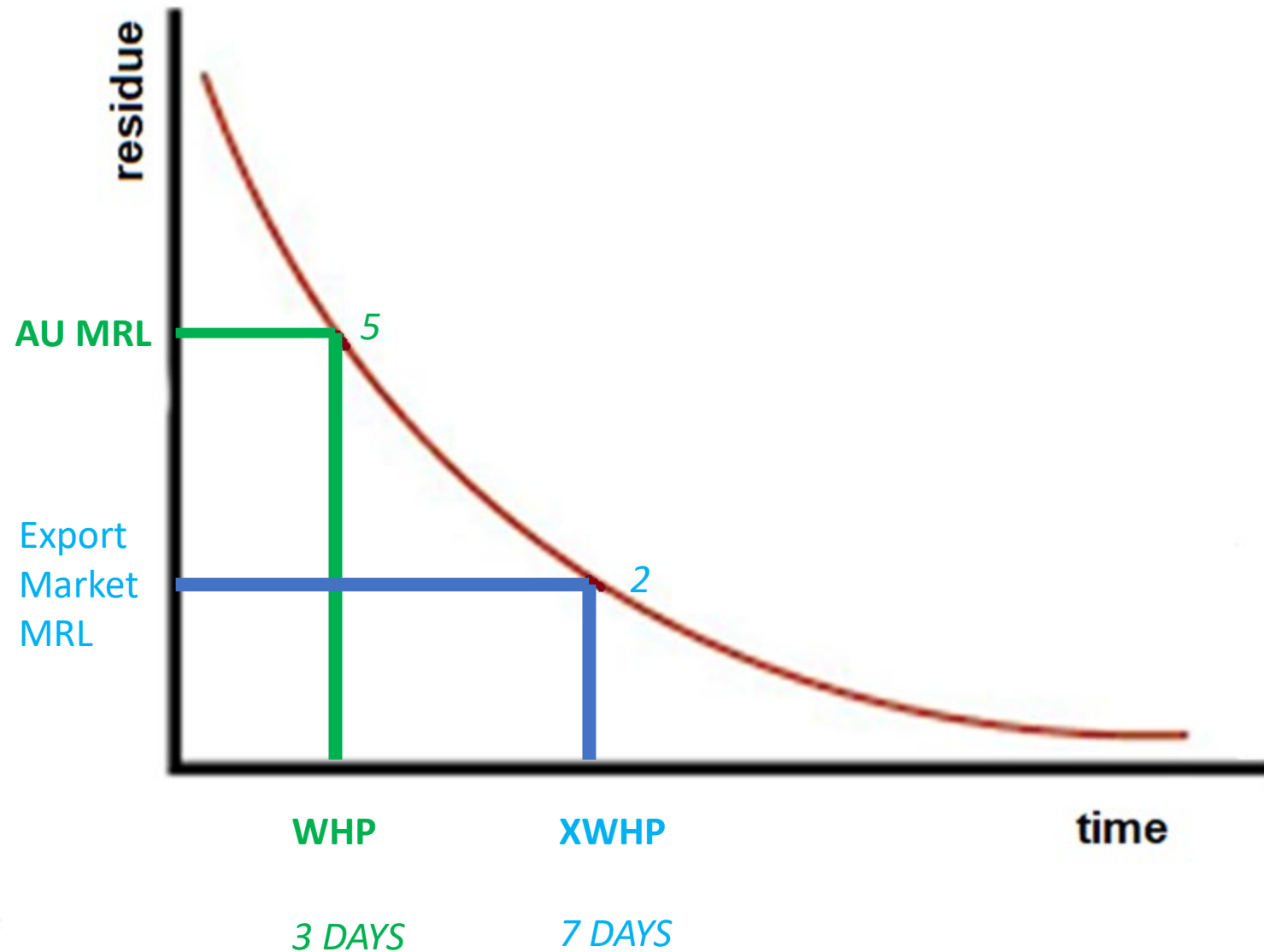
# After calculations (WHPs & XWHPs)

Luna Sensation = fluopyram + trifloxystrobin

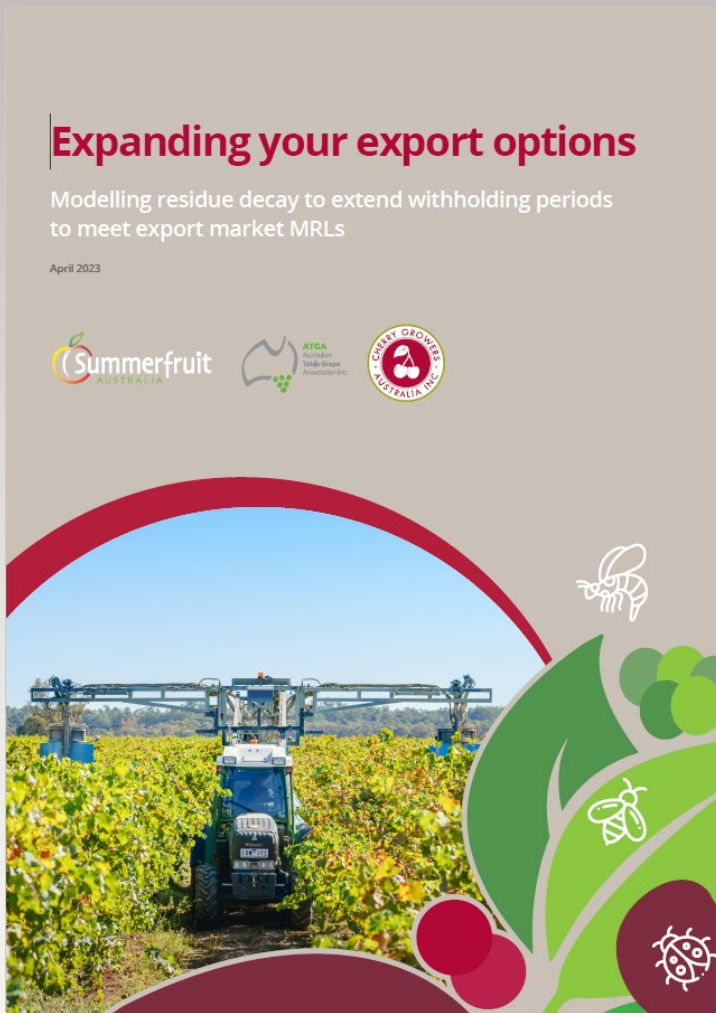
Fruit	APVMA	China	Malaysia	Saudi Arabia	Singapore	UAE	Canada	Oman	Vietnam
Apricot	1 day	1 day	1 day	1 day	1 day	1 day	2 days (XWHP)	1 day	1 day
Nectarine	1 day	1 day	1 day	1 day	1 day	1 day	2 days (XWHP)	1 day	1 day
Peach	1 day	1 day	1 day	1 day	1 day	1 day	2 days (XWHP)	1 day	1 day
Plum	1 day	2 days (XWHP)	2 days (XWHP)	2 days (XWHP)	2 days (XWHP)	2 days (XWHP)	2 days (XWHP)	2 days (XWHP)	2 days (XWHP)

Modelling shows that Summerfruit can be exported to above countries using the APVMA WHP of 1 day (green), or a 2 day XWHP (light green)

# How calculations work



# Outcomes



1. Increased number of markets for Australian Summerfruit by using XWHPs
2. Growers and agronomists use XWHPs in planning spray programs
3. SAL will provide info on MRL compliance with the **SAL App** or **Spreadsheet** (on SAL website)

# App will help with:

- a) **Planning** spray programs
- b) **Finding out** what chemicals can and can't be used
- c) Dealing with a **pest problem** close to harvest time
- d) The work of **Agronomists, Orchard Managers** and **Packing Shed Managers**

Starting page of App





Active: spinetoram

Country	MRL (mg/kg)	Withholding Period
AUSTRALIA	0.2	3 days
CANADA	0.2	3 days
CHINA	0.15 TEMPORARY	10 days (XWHP)
EU	0.2	3 days
HONG KONG	0 (not set)	Do not use after blossom
INDIA	0.01	Do not use after blossom
INDONESIA	0.15	Do not use after blossom
JAPAN	0.8	3 days
MALAYSIA	0.15	10 days (XWHP)
OMAN	0.01	Do not use after blossom
SAUDI-ARABIA	0.15	10 days (XWHP)
SINGAPORE	0.15	10 days (XWHP)

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Market MRL and WHP

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Current crop: Apricots

Market: CHINA  
 Target: Lightbrown  
 apple moth

Active	MRL (mg/kg)	Withholding Period
acetamiprid	2	7 days for Cormoran®
bacillus thuringiensis / b thuringiensis / bt	NO MRL REQUIRED	Not required when used as directed
carbaryl	0 (not set)	Do not use after blossom
chlorantraniliprole	1 TEMPORARY	14 days
indoxacarb	1	Do not use after blossom
novaluron	7	7 days for Cormoran®
pyrethrins	0.2	Do not use after blossom
spinetoram	0.15 TEMPORARY	10 days (XWHP)
spinosad	0.2 TEMPORARY	Do not use after blossom

# Availability of Summerfruit MRL App

1. Release planned for June 2023
2. Available to all Australian summerfruit industry personnel such as:
  - Growers & staff
  - Agronomists, Advisors & Horticultural Consultants
  - Crop Monitors
  - Packing Shed Managers
  - Rural Merchandisers
  - Exporters and Marketers
3. SAL Members can download direct from SAL Website
4. Non-members can download on request to SAL

# SAL MRL Spreadsheet

1. **Download now** from SAL website
2. Available for **all** Australian summerfruit growers & industry personnel
3. Updated **regularly**
4. Lists **MRLs, WHPs and XWHPs**



## Summerfruit Export MRLs & WHPs



Note: This Summerfruit Australia Ltd document is intended to be an initial reference source only. Exporters must verify information obtained from it with knowledgeable parties in the market of interest prior to the sale or shipment of any products. Summerfruit Australia Ltd shall not be liable for any damages arising from errors or omissions in this spreadsheet or from an Exporter's use of it.

Analyte		Aust (APVMA)	Canada	China	EU
spinetoram	MRL	0.2	0.2	0.15	0.2
	<b>WHP</b>	<b>3 days</b>	<b>3 days</b>	<b>10 days (XWHP)</b>	<b>3 days</b>
spinosad	MRL	1	0.2	0.2	0.6
	<b>WHP</b>	<b>3 days</b>	<b>Blossom</b>	<b>Blossom</b>	<b>Blossom</b>
spirotetramat	MRL	1	4.5	3	3
	<b>WHP</b>	<b>3 weeks</b>	<b>3 weeks</b>	<b>3 weeks</b>	<b>3 weeks</b>
sulfoxaflor	MRL	1	3	0.4	0.5
	<b>WHP</b>	<b>7 days</b>	<b>7 days</b>	<b>Blossom</b>	<b>Blossom</b>
sulfur/sulphur	MRL	No MRL reqd	0.1	Not set	No MRL reqd
	<b>WHP</b>	<b>Not reqd WUAD</b>	<b>Not reqd WUAD</b>	<b>Not reqd WUAD</b>	<b>Not reqd WUAD</b>
tau-fluvalinate	MRL	0.05	0.1	Not Set	0.01
	<b>WHP</b>	<b>Not reqd WUAD</b>	<b>Not reqd WUAD</b>	<b>Not reqd WUAD</b>	<b>Not reqd WUAD</b>
tetraniliprole	MRL	0.7	1	Not Set	0.01
	<b>WHP</b>	<b>3 days</b>	<b>3 days</b>	<b>Blossom</b>	<b>Blossom</b>
thiacloprid	MRL	2	0.1	0.5	0.5
	<b>WHP</b>	<b>14 days</b>	<b>Blossom</b>	<b>Blossom</b>	<b>Blossom</b>

# Grower Support

1. **Will advise** when App is ready to be downloaded
2. **Webinars** for those who need help in loading and using the App
3. **Help** available for questions or problems with App or Spreadsheet
  - Email: [help@summerfruit.com.au](mailto:help@summerfruit.com.au)
  - Phone: 0424 557 600 (Guy Rischmueller)
4. **FAQs** to be available on SAL Website

