

BRYANT CHRISTIE INC.

USDA-EPA MRL Database – [www.MRLDatabase.com](http://www.MRLDatabase.com)  
US Grower Priority Database – [www.MRLPriority.com](http://www.MRLPriority.com)

A Presentation for the San Francisco MRL Conference

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## BRYANT CHRISTIE INC.

Bryant Christie Inc. (BCI) helps companies and organizations open, access and expand international markets. Founded in 1992, we focus on the agricultural, food, and beverage sectors.


### BCI MRL Products & Services

- MRL Policy Work
- Free MRL News [www.bryantchristie.com/blog/chemical](http://www.bryantchristie.com/blog/chemical)
- MRL Notification Service
- MRL Monitor
- MRL Database Solutions



## www.MRLDatabase.com

## www.MRLPriority.com


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[Pesticide MRL Database](#)
[Veterinary Drug MRL Database](#)
[Market Information](#)
[User Guide](#)
[Questions?](#)
[FAS Home](#)

### Pesticide MRL Database

Stay up-to-date with [MRL News](#). Updated daily, this news feed will keep you informed of MRL changes to the database as well as other MRL regulatory and policy updates from around the globe.  
[Register](#) to receive these updates as a digest in your email every Monday.

**Pesticide Directions:**

1. Select a **Blue** Commodity Type Tab - **Plant Product Commodities**, **Animal Product Commodities**, or **All Commodities**.
2. Select **Commodities**, **Pesticides**, and **Markets** to Include in Database Search.

[Plants Product Commodities](#)
[Animals Product Commodities](#)
[All Commodities](#)

Please specify the commodities, pesticides, and markets per page below.

Commodities	Pesticides	Markets
Select a Commodity Below - or - Search For a Commodity <input type="text"/> <input type="button" value="go"/>		
<a href="#">Select All</a> <div> <input type="checkbox"/> Acerola               <input type="checkbox"/> Allspice               <input type="checkbox"/> Amaranth, leafy               <input type="checkbox"/> Ambarella               <input type="checkbox"/> Angelica, dry               <input type="checkbox"/> Angelica, stem and leaves, fresh               <input type="checkbox"/> Anise, seed               <input type="checkbox"/> Anise, star               <input type="checkbox"/> Annatto, seed               <input type="checkbox"/> Apple               <input type="checkbox"/> Apricot             </div>	<div> <input type="checkbox"/> Fennel, leaves, dry               <input type="checkbox"/> Fennel, leaves, fresh               <input type="checkbox"/> Fennel, seed               <input type="checkbox"/> Fenugreek, seed               <input type="checkbox"/> Fig               <input type="checkbox"/> Flaxseed/Linseed               <input type="checkbox"/> Fritillaria, bulb               <input type="checkbox"/> Fritillaria, leaves               <input type="checkbox"/> Garden huckleberry               <input type="checkbox"/> Garlic, bulb               <input type="checkbox"/> Garlic, great headed, bulb             </div>	<div> <input type="checkbox"/> Parsley, fresh               <input type="checkbox"/> Parsley, turnip-rooted               <input type="checkbox"/> Parsnip, root               <input type="checkbox"/> Parsnip, tops               <input type="checkbox"/> Partridgeberry               <input type="checkbox"/> Passion fruit               <input type="checkbox"/> Pawpaw               <input type="checkbox"/> Pea, blackeyed, succulent               <input type="checkbox"/> Pea, dry (blackeyed)               <input type="checkbox"/> Pea, dry (crowder)               <input type="checkbox"/> Pea, dry (dwarf)             </div>
<a href="#">Deselect All</a>		

### U.S. Grower MRL Priority Database

[Login](#)
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[View Priorities](#)
[Questions?](#)
[User Guide \(PDF\)](#)

### View Priorities

**Markets**

☐ China
 ☐ Codex
 ☐ Japan
 ☐ Korea
 ☐ Taiwan

[Select All Markets](#) | [Unselect All Markets](#)

**Commodities**

☐ Apple
 ☐ Apricot
 ☐ Blueberry, highbush
 ☐ Blueberry, lowbush
 ☐ Cherry
 ☐ Cranberry

[Select All Commodities](#) | [Unselect All Commodities](#)

**Active Ingredients**

☐ 1-Naphthaleneacetamide
 ☐ 1-Naphthaleneacetic acid
 ☐ 2,4-D
 ☐ Abamectin
 ☐ Acephate
 ☐ Acequinocyl

[Select All Active Ingredients](#) | [Unselect All Active Ingredients](#)

## Both MRL Databases Updated Daily

- An extensive monitoring process is used in order to obtain MRL changes and enter the data on or as close to the date of effect as possible.
- The Database is updated daily by consulting the following sources:
  - US Federal Register
  - USDA Foreign Agricultural Service GAIN Reports
  - Official Journal of the European Union
  - World Trade Organization (WTO) notifications issued by the Sanitary and Phytosanitary (SPS) and Technical Barriers to Trade (TBT) committees
  - National government regulatory agencies and websites
- Codex MRLs updated immediately in MRLDatabase.com upon Codex annual approval in July
  - Codex online MRL database is updated annually in March; MRLs out of date July – March in Codex database

# What Data is Included in MRLDatabase.com?

- MRL Types
  - General MRLs currently in effect for US EPA registered active ingredients & corresponding foreign MRLs.
  - US Section 18, Time-Limited, Regional MRLs
- Market Information Pages
- Veterinary Drug MRL Database
- Questions email link

The screenshot shows the FASonline Pesticide MRL Database interface. At the top, there is a navigation bar with links to 'Pesticide MRL Database', 'Veterinary Drug MRL Database', 'Market Information', 'User Guide', 'Questions?', and 'FAS Home'. The main content area is titled 'Pesticide MRL Database'. Below this, there is a news feed section with a link to 'MRL News'. The news feed contains a message about staying up-to-date with MRL News and a link to 'Register' to receive updates. Below the news feed, there are 'Pesticide Directions' and a search interface. The search interface has tabs for 'Plants Product Commodities', 'Animals Product Commodities', and 'All Commodities'. The 'Plants Product Commodities' tab is selected, and the search results are displayed in a table with columns for 'Commodities', 'Pesticides', and 'Markets'. The table lists various commodities such as Acerola, Allspice, Amaranth, leafy, and others, each with a checkbox for selection.

## What's Not In [MRLDatabase.com](http://MRLDatabase.com)?

- MRL Types Not Included
  - US Import Tolerances or No US Registration
  - Foreign MRLs with No Corresponding US MRL
  - MRLs for Indirect and Inadvertent
  - Registered use information – database only tells you about MRLs legally established, it does not tell you whether there is a registered use
- Exempt Active Ingredients

## Deferral Paths and MRL Market of Origin Indicator

- Full Deferrals
  - European Union
  - Codex
- Partial Codex Deferrals
  - Chile, India, Israel
- Complex Deferrals or Multi-step Decision Trees
  - Honduras, Korea, Malaysia, New Zealand, South Africa
- Default MRLs

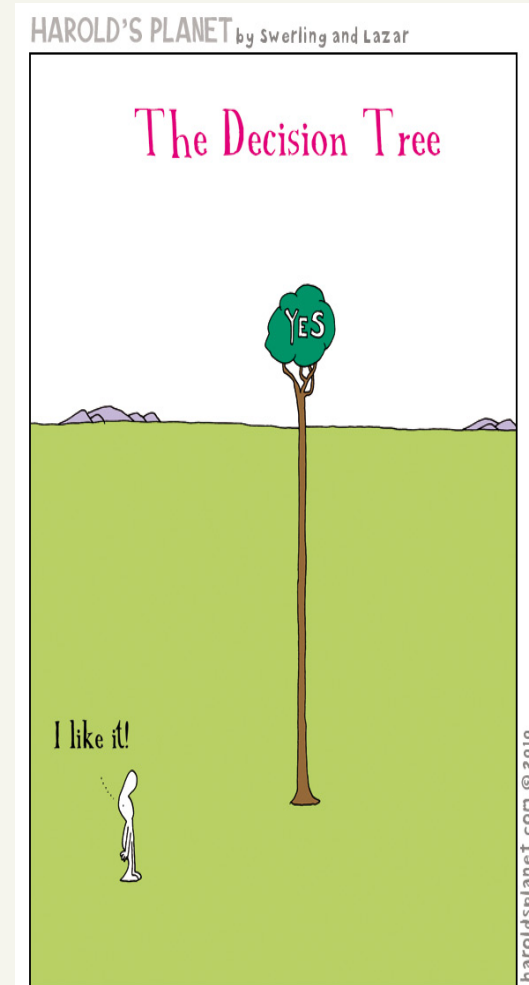
Apple - Abamectin				
US !	Cod !	EU !	Hon !	SAf !
0.02	0.02	{0.01}	0.02	0.02
			Cod	Cod

Apple - Acephate				
US !	Cod	EU !	Hon !	SAf !
0.02	---	{0.01}	0.02	{0.01}
			US	EU

## Korea's Complex Decision Tree

1. Korean national MRL
2. Codex MRL if established for specific commodity. Korea does not accept Codex crop group MRLs.
3. Lowest MRL for commodities in the same Korean crop subgroup as the commodity in question.
4. Lowest MRL for commodities in the same Korean crop group as the commodity in question.
5. "Other Agricultural Product" MRL
6. Lowest MRL established for the pesticide





## Cherry, sweet - Fenpropathrin

Show Legend

US	Kor
5	5

Korea maintains a Fenpropathrin MRL of 5 set on "Cherry".

## Cherry, sweet - Fluzifop-P-butyl

Show Legend

US	Kor
0.05	0.7

This MRL is derived from the Korean MRL established for "Korean cabbage".

## Cherry, sweet - Tebuconazole

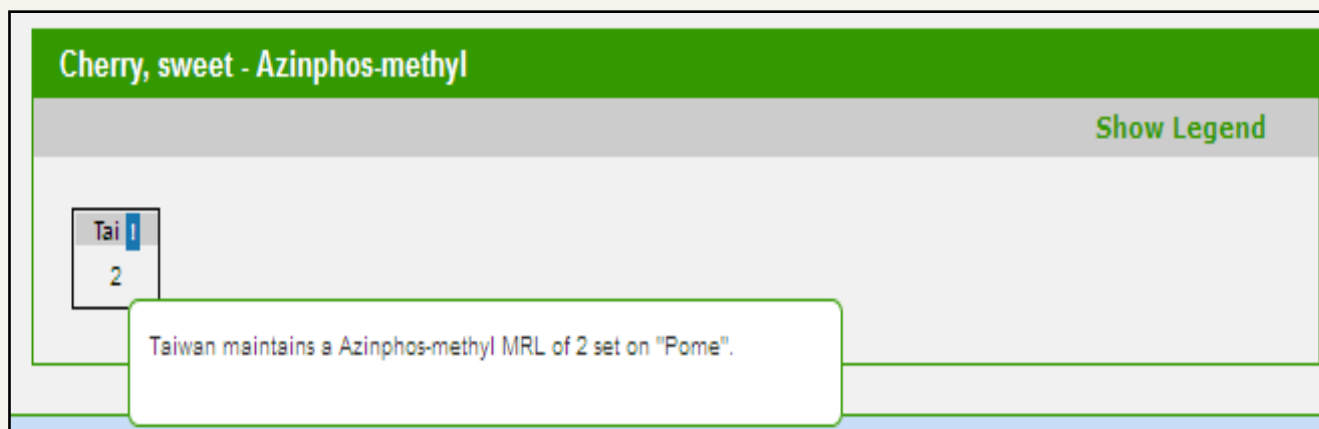
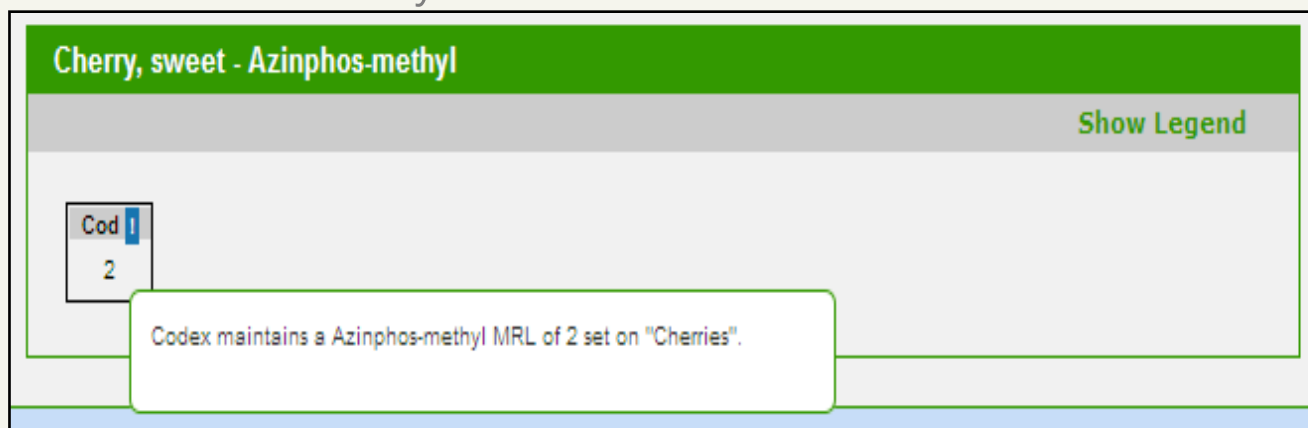
Show Legend

US	Kor
5	{4}
	Cod

Codex maintains a Tebuconazole MRL of 4 set on "Cherries".

## Pop-up Notes

- Published Commodity Note—Defined Term



## Pop-up Notes

- Published Commodity Note—Undefined Term

The screenshot displays a web interface with a green header bar containing the text "Cherry, sweet - 2,4-D". Below the header is a grey bar with the text "Show Legend". The main content area is white and contains a small table with two rows. The first row has a grey background and the text "Ind 1". The second row has a white background and the text "2". A white pop-up note with a green border is positioned over the table, containing the text: "India maintains a 2,4-D MRL of 2 set on 'Fruits' that may be relevant to Cherry, sweet. This should be confirmed with official sources as India does not clearly define 'Fruits'." The bottom of the interface features a blue horizontal bar.

Cherry, sweet - 2,4-D	
<a href="#">Show Legend</a>	
Ind	1
	2

India maintains a 2,4-D MRL of 2 set on "Fruits" that may be relevant to Cherry, sweet. This should be confirmed with official sources as India does not clearly define "Fruits".

## Russia & Customs Union MRL Regulations

- Custom Union includes Russia, Kazakhstan, Belarus
- Russia also has national MRL regulation
- Select both Russia and Customs Union if you are searching for Russian MRLs
- Defer to Customs Union MRL for Russia if Russia has a different MRL value

### Apple - Diuron

CU !	RUS
{0.02}	---

### Apple - Fluazinam

CU	RUS !
---	{0.05}

### Apple - Gamma Cyhalothrin

CU !	RUS !
{0.1}	{0.03}

## US Grower MRL Priority Database

[www.mrlpriority.com](http://www.mrlpriority.com)

- Funded with USDA TASC grant
- Governed by Steering Committee
  - MCFA & grower associations
  - Registrants
  - USDA & EPA
- Encourage grower trade associations submit MRL priorities
- China, Codex, Japan, Korea, Taiwan, Hong Kong, Canada

U.S. Grower MRL Priority Database [Login](#) [Request an Account](#)

[View Priorities](#) [Questions?](#) [User Guide \(PDF\)](#)

### View Priorities

**Markets**

☐ China ☐ Codex ☐ Japan ☐ Korea ☐ Taiwan

[Select All Markets](#) | [Unselect All Markets](#)

**Commodities**

☐ Apple  
☐ Apricot  
☐ Blueberry, highbush  
☐ Blueberry, lowbush  
☐ Cherry  
☐ Cranberry

[Select All Commodities](#) | [Unselect All Commodities](#)

**Active Ingredients**

☐ 1-Naphthaleneacetamide  
☐ 1-Naphthaleneacetic acid  
☐ 2,4-D  
☐ Abamectin  
☐ Acephate  
☐ Acequinocyl

[Select All Active Ingredients](#) | [Unselect All Active Ingredients](#)

**Report Type**

☒ Commodity Report ☐ Active Ingredient Report ☐ Market Report

[Run Report](#)



## US Grower MRL Priority Database

[www.mrlpriority.com](http://www.mrlpriority.com)

- Taiwan and Korea priorities already due
- Priorities can be added at anytime
- Have requested that all priorities be entered by July 31, 2014
- Looking at European Union, Australia, or United Arab Emirates for 2015

U.S. Grower MRL Priority Database Kimberly Berry  
Grower [Account Settings](#) [Logout](#)

[View Priorities](#) [Resolved Priorities](#) [My Commodities](#) [Manage Priorities](#) [Questions?](#) [User Guide \(PDF\)](#)

### View Priorities

Use the form below to query existing priorities. Some priorities may have been resolved. View a report of all [resolved priorities](#).

**Markets**

☐ China ☐ Codex ☐ Japan ☐ Korea ☐ Taiwan

[Select All Markets](#) | [Unselect All Markets](#)

**Commodities**

☐ Apple  
☐ Apricot  
☐ Blueberry, highbush  
☐ Blueberry, lowbush  
☐ Cherry  
☐ Cranberry

[Select All Commodities](#) | [Unselect All Commodities](#)

**Active Ingredients**

☐ 1-Naphthaleneacetamide  
☐ 1-Naphthaleneacetic acid  
☐ 2,4-D  
☐ Abamectin  
☐ Acephate  
☐ Acequinocyl

[Select All Active Ingredients](#) | [Unselect All Active Ingredients](#)

**Report Type**

☒ Commodity Report ☐ Active Ingredient Report ☐ Market Report

**Select a Priority**

☒ All Priorities

<or>

☐ **VERY HIGH:** Compound is critical, trade has been affected, or there is evidence of potential regulatory impact.

☐ **HIGH:** Compound is critical to crop protection with limited or no alternatives.

☐ **INTERMEDIATE:** Compound is routinely used but has adequate alternatives with near equivalent efficacy.

☐ **LOW:** Compound not widely used or has readily substituted alternatives.

[Run Report](#)

## Features for Setting Priorities

- View US MRLs with corresponding foreign MRLs for priority country
  - Pending, revoked, and proposed MRLs included
- Growers set priority for obtaining or revising an MRL in a market
  - Very high; High; Intermediate; Low
  - Comments; Registrant; Product Name
- Multiple grower associations able to set priorities on same AI/commodity

U.S. Grower MRL Priority Database

Kimberly Berry  
Grower

Account Settings | Logout

View Priorities

Resolved Priorities

My Commodities

Manage Priorities

Questions?

Grower Priority Query Results

Legend | Revise Query

Your Priority	Commodity	Active Ingredient	US MRLs	Taiwan MRLs	Established Priority	Comments
<div>Set Priority</div>	Cherry	Fludioxonil	5 <div>?</div>	5 <div>?</div>		
<div>Set Priority</div>	Cherry	Flumioxazin	0.02 <div>?</div>	---	HIGH	<a href="#">Grower Details</a>
<div>Set Priority</div>	Cherry	Fluopyram	0.6 <div>?</div>	---	HIGH	<a href="#">Grower Details</a>
<div>Set Priority</div>	Cherry	Flutriafol	1.5 <div>?</div>	<div>{1}</div> <div>Proposed MRLs</div>		
<div>Set Priority</div>	Cherry	Fluxapyroxad	2 <div>?</div>	---		
<div>Set Priority</div>	Cherry	Forchlorfenuron	0.01 <div>?</div> <div>Expires 12/31/2015</div> <div>Proposed MRLs</div>	---		

## Features for Registrant Comments

- Registrants create a profile of active ingredients
  - Will be notified by email when new or changed priorities set by growers
- Registrants will login to submit comments and run reports
- Multiple registrants may submit comments for same grower priority

U.S. Grower MRL Priority Database

Kim Berry  
Registrant

Account Settings | Logout

View Priorities

Resolved Priorities

My Active Ingredients

Manage Comments

Questions?

Registrant Priority Query Results

Legend | Revise Query

Your Comments	Active Ingredient	Commodity	US MRLs	Taiwan MRLs	Established Priority	Comments
Fluopicolide						
<div>Add Comment</div>	Fluopicolide	Potato	0.02	---	INTERMEDIATE	<a href="#">Grower Details</a>
Fluopyram						
<div>Add Comment</div>	Fluopyram	Cherry	0.6	---	HIGH	<a href="#">Grower Details</a>
<div>Add Comment</div>	Fluopyram	Potato	0.02	---	HIGH	<a href="#">Grower Details</a>
Fluoxastrobin						
<div>Add Comment</div>	Fluoxastrobin	Cranberry	1.9	---	LOW	<a href="#">Grower Details</a>
<div>Add Comment</div>	Fluoxastrobin	Potato	0.01	---	INTERMEDIATE	<a href="#">Grower Details</a>

## Korea New National MRL Regulation Will Be Established in 2017-8

- New regulation will eliminate Codex deferral and complicated Korean decision tree MRLs and add a 0.01 ppm default tolerance
- MRLs not registered for use in Korea will be eliminated
  - [“List of Pesticide and Veterinary Drug MRLs to be Deleted”](#)
- Applications for import MRLs need to be submitted 2014-2015

## Questions?

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