

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)

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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

- 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

The screenshot shows the FASonline Pesticide MRL Database interface. At the top, there is a navigation bar with links for 'Pesticide MRL Database', 'Veterinary Drug MRL Database', 'Questions?', 'Market Information', and 'FAS Home'. Below this, the page title is 'Pesticide MRL Database'. A section titled 'Pesticide Directions:' contains two numbered instructions: '1. Select a Blue Commodity Type Tab - Plant Product Commodities, Animal Product Commodities, or All Commodities.' and '2. Select Commodities, Pesticides, and Markets to Include in Database Search.' Below the instructions are three tabs: 'Plants Product Commodities', 'Animals Product Commodities', and 'All Commodities'. A green banner prompts the user to 'Please specify the commodities, pesticides, and markets per page below.' Below this banner are three main sections: 'Commodities', 'Pesticides', and 'Markets'. The 'Commodities' section is active and contains a search bar with the text 'Search For a Commodity' and a magnifying glass icon. Below the search bar is a list of commodities with checkboxes, organized into three columns. The first column includes items like Acerola, Allspice, Amaranth, leafy, Ambarella, Angelica, dry, Angelica, stem and leaves, Anise, seed, Anise, star, Annatto, seed, Apple, Apricot, Apricot, Japanese, Aronia berry, Arracacha, root, and Arrowroot, tuber. The second column includes Fennel, seed; Fenugreek, seed; Fig; Flaxseed/Linseed; Fritillaria, bulb; Fritillaria, leaves; Garden huckleberry; Garlic, bulb; Garlic, great headed, bulb; Garlic, serpent, bulb; Gherkin, West Indian; Ginger, root; Ginger, white, flowers; Ginseng, root; and Goji berry. The third column includes Passion fruit; Pawpaw; Pea, blackeyed, succulent; Pea, dry (blackeyed); Pea, dry (crowder); Pea, dry (dwarf); Pea, dry (English); Pea, dry (field); Pea, dry (garden); Pea, dry (green); Pea, dry (pigeon); Pea, dry (snow); Pea, dry (southern); Pea, dry (sugar snap); and Pea, dwarf, succulent. At the top left of the commodity list is a 'Select All' link, and at the top right is a 'Deselect All' link.

## www.MRLPriority.com

The screenshot shows the U.S. Grower MRL Priority Database interface. At the top, there is a blue navigation bar with the text 'U.S. Grower MRL Priority Database' and links for 'Login' and 'Request an Account'. Below this bar is a secondary navigation bar with 'View Priorities' and 'Questions? User Guide (PDF)'. The main content area is titled 'View Priorities'. Under the 'Markets' section, there are checkboxes for 'China', 'Codex', 'Japan', 'Korea', and 'Taiwan'. Below the checkboxes are links for 'Select All Markets' and 'Unselect All Markets'. The 'Commodities' section features a scrollable list of commodity names with checkboxes, including 'Apple', 'Apricot', 'Blueberry, highbush', 'Blueberry, lowbush', 'Cherry', and 'Cranberry'. Below the list are links for 'Select All Commodities' and 'Unselect All Commodities'. The 'Active Ingredients' section features a scrollable list of active ingredients with checkboxes, including '1-Naphthaleneacetamide', '1-Naphthaleneacetic acid', '2,4-D', 'Abamectin', 'Acephate', and 'Acequinocyl'. Below the list are links for 'Select All Active Ingredients' and 'Unselect All Active Ingredients'.

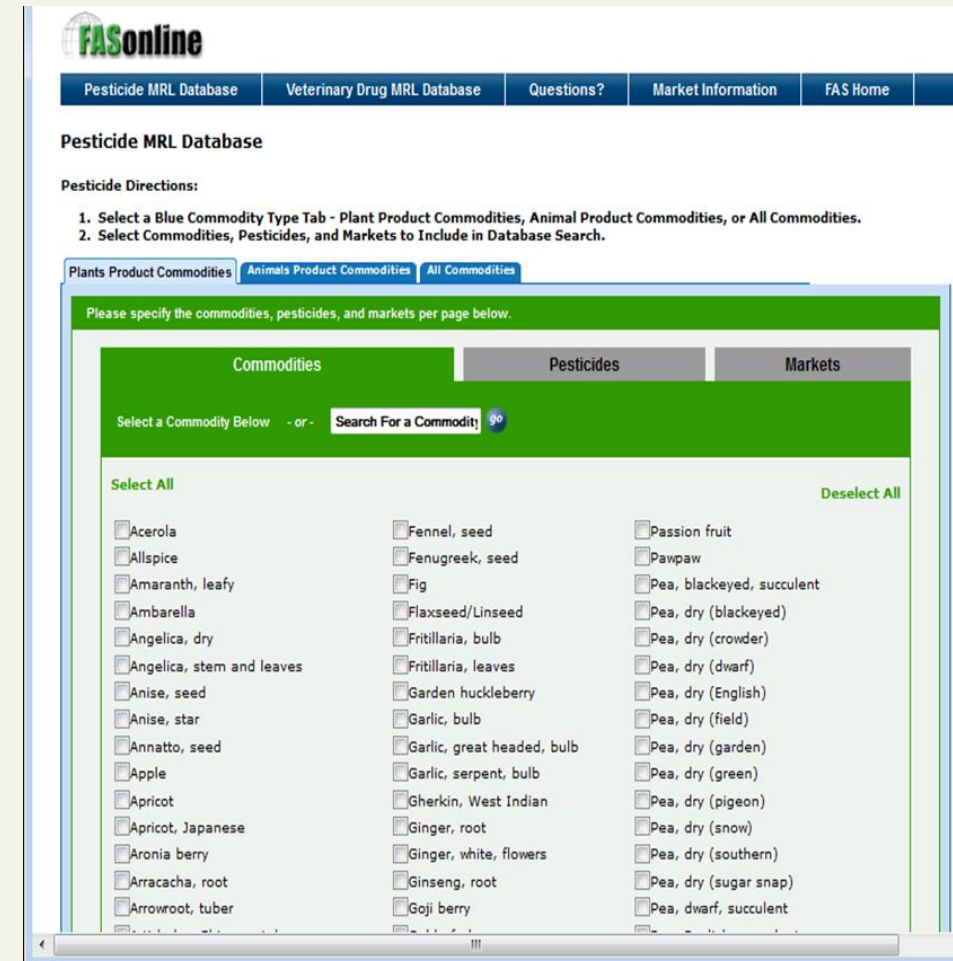


## Both MRL Databases Updated Daily

- 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



## 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
- 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

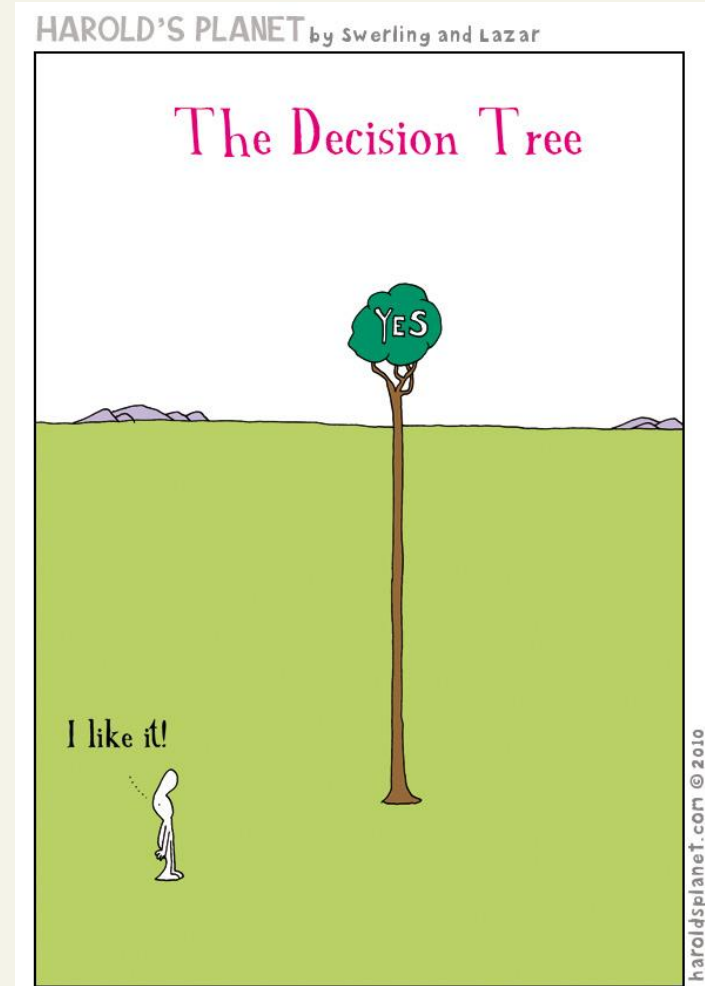
Apple - Abamectin				
US	Cod	EU	Hon	SAf
0.02	0.02	{0.01}	0.02	0.02
			Cod	Cod

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 - Fluazifop-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

**Cherry, sweet - Azinphos-methyl** Show Legend

Cod 1  
2

Codex maintains a Azinphos-methyl MRL of 2 set on "Cherries".

**Cherry, sweet - Azinphos-methyl** Show Legend

Tai 1  
2

Taiwan maintains a Azinphos-methyl MRL of 2 set on "Pome".

# Pop-up Notes

- Published Commodity Note—Undefined Term

The screenshot displays a web interface for a commodity note. At the top, a green header bar contains the text "Cherry, sweet - 2,4-D". Below this is a grey bar with a "Show Legend" link. The main content area is light grey and contains a table with one row. The table has a column header "Ind" and a value "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 has a blue gradient bar.

Ind
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

- 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
- Existing US priorities for Canada will be posted soon

The screenshot shows the 'U.S. Grower MRL Priority Database' interface. At the top right, there are links for 'Login' and 'Request an Account'. Below the header, there are navigation links for 'View Priorities', 'Questions?', and 'User Guide (PDF)'. The main content area is titled 'View Priorities' and contains three sections: 'Markets', 'Commodities', and 'Active Ingredients'. Each section has a list of items with checkboxes and links to 'Select All' and 'Unselect All'. The 'Report Type' section at the bottom has radio buttons for 'Commodity Report', 'Active Ingredient Report', and 'Market Report'. A red 'Run Report' button is located at the bottom right.

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

- Taiwan priorities due now
- Korea priorities due December
- Priorities can be added at anytime
- Adding Hong Kong in 2014
- Looking at European Union, Australia, or United Arab Emirates for 2015

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Grower [Account Settings](#) | [Logout](#)

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

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### 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

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Grower [Account Settings](#) | [Logout](#)

View Priorities Resolved Priorities My Commodities **Manage Priorities** Questions?

[Legend](#) | [Revise Query](#)

### Grower Priority Query Results

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

www.mrlpriority.com/priorities.cfm#7241915084416103

# 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

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Registrant [Account Settings](#) | [Logout](#)

[View Priorities](#) [Resolved Priorities](#) [My Active Ingredients](#) **[Manage Comments](#)** [Questions?](#)

[Legend](#) | [Revise Query](#)

### Registrant Priority Query Results

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

## Korea New National MRL Regulation Will Be Established in 2016

- 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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