

GlobalMRL.com Update

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BRYANT CHRISTIE INC.

CALIFORNIA SPECIALTY CROP MRL WORKSHOP

JUNE 1, 2016

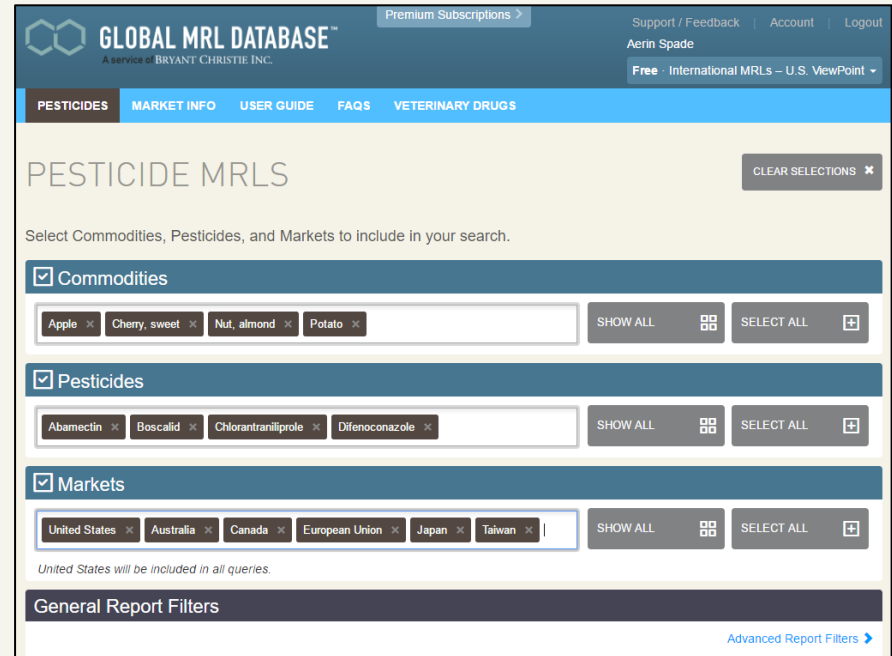


Agenda

- Global MRL Database Free Access and MRL Data Available
- Database Upgrades
- How to Register for Free Access
- Premium Subscriptions
- Codex Online MRL Database Updating & MRL Process

Global MRL Database at www.GlobalMRL.com

- Two types of free access (funded by USDA & EPA)
 - US-based users: US and corresponding international MRLs
 - International-based users: US MRLs
- Menu of pesticides and commodities based on those for which the US sets tolerances ([40 CFR 180 Subpart C-Specific Tolerances](#))
- Includes import tolerances, processed commodity MRLs, veterinary drug MRLs



The screenshot shows the Global MRL Database website. The header includes the logo, navigation links (Premium Subscriptions, Support / Feedback, Account, Logout), and a user login (Aerin Spade). The main navigation bar has tabs for PESTICIDES, MARKET INFO, USER GUIDE, FAQs, and VETERINARY DRUGS. The page title is "PESTICIDE MRLS" with a "CLEAR SELECTIONS" button. Below the title, it says "Select Commodities, Pesticides, and Markets to include in your search." There are three main sections: "Commodities" with a search bar containing "Apple", "Cherry, sweet", "Nut, almond", and "Potato"; "Pesticides" with a search bar containing "Abamectin", "Boscalid", "Chlorantraniliprole", and "Difenoconazole"; and "Markets" with a search bar containing "United States", "Australia", "Canada", "European Union", "Japan", and "Taiwan". Each section has "SHOW ALL", "SELECT ALL", and a grid icon. At the bottom, there is a "General Report Filters" section and a link to "Advanced Report Filters".

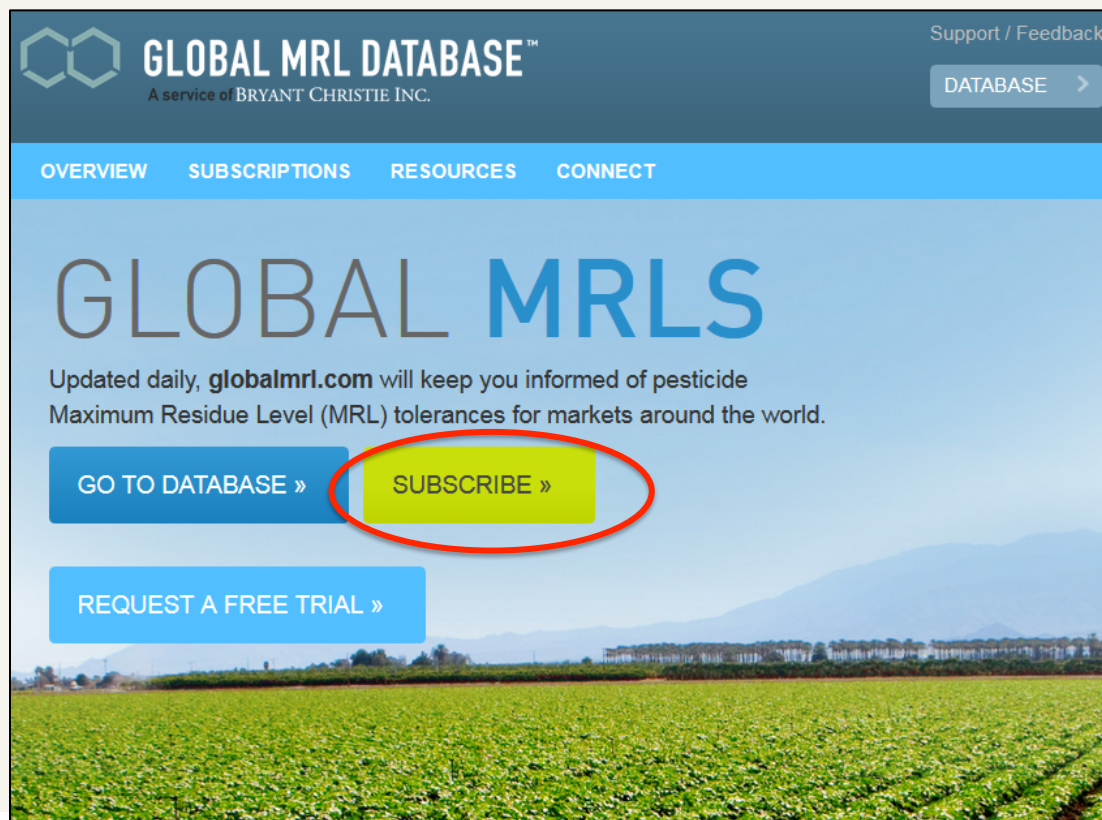
Global MRL Database - Upgrades

- Seafood commodities expansion underway
- Animal feed commodities to be added in 2016
- Also planned –
 - Additional leafy vegetable commodities in new Crop Group 4-16
 - Additional stalk, stem & leaf petiole vegetable commodities in new Crop Group 22
 - Additional tropical and subtropical fruit commodities in new Crop Groups 23 & 24
- Countries added –
 - Fiji, Ghana, Malawi, Myanmar, Nigeria, Paraguay, Senegal, Suriname, Uruguay
- Countries to be added –
 - ASEAN, Ethiopia, Gambia, Nepal, Sudan
- Veterinary drug database upgrade underway

How to Register for Your Free Access

(Funded by USDA & EPA)

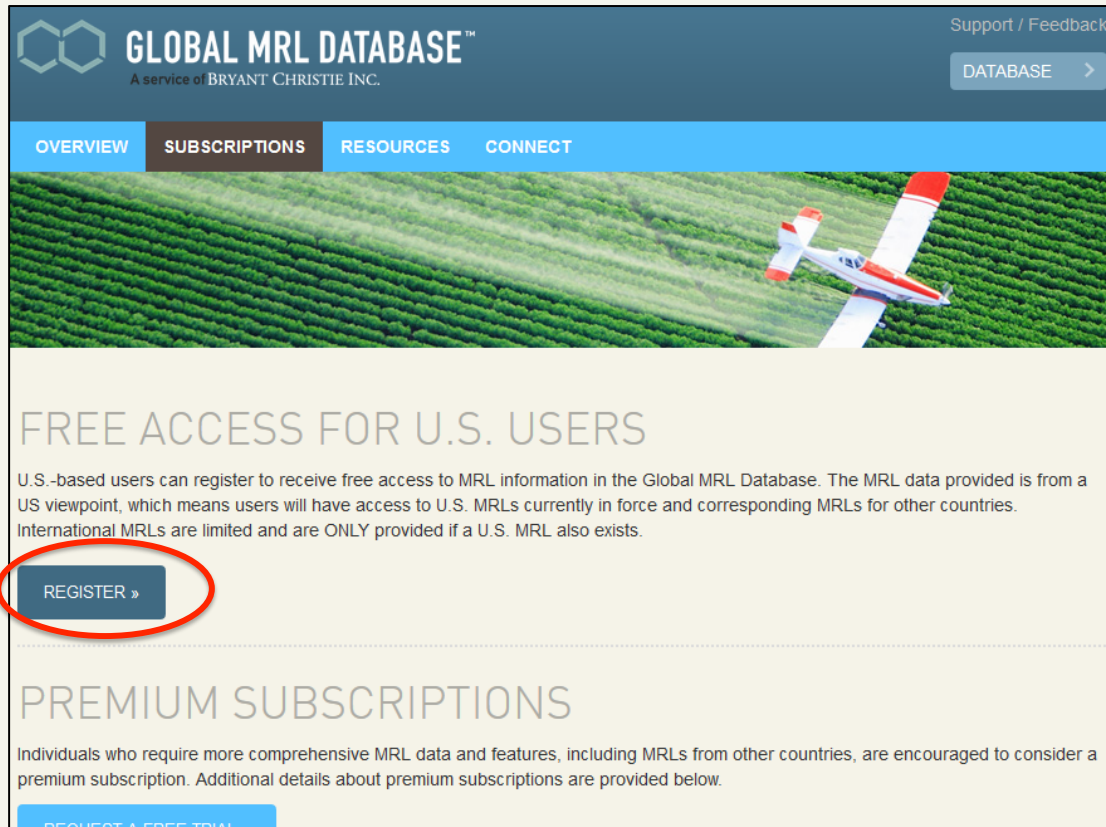
- At GlobalMRL.com click on “Subscribe”



How to Register for Your Free Access

(Funded by USDA & EPA)

- At GlobalMRL.com/subscribe click on “Register”



The screenshot shows the homepage of the Global MRL Database. The header includes the logo, the text 'GLOBAL MRL DATABASE™ A service of BRYANT CHRISTIE INC.', and a 'Support / Feedback' link. A navigation bar has links for 'OVERVIEW', 'SUBSCRIPTIONS', 'RESOURCES', and 'CONNECT'. Below the navigation bar is a large image of a green field with a small airplane flying over it. The main content area features a section titled 'FREE ACCESS FOR U.S. USERS' with a paragraph explaining that U.S.-based users can register for free access to MRL information. A 'REGISTER »' button is highlighted with a red circle. Below this is a section titled 'PREMIUM SUBSCRIPTIONS' with a paragraph explaining that individuals requiring more comprehensive MRL data are encouraged to consider a premium subscription. A 'REQUEST A FREE TRIAL' button is visible at the bottom of the premium section.

GLOBAL MRL DATABASE™
A service of BRYANT CHRISTIE INC.

Support / Feedback
DATABASE >

OVERVIEW SUBSCRIPTIONS RESOURCES CONNECT

FREE ACCESS FOR U.S. USERS

U.S.-based users can register to receive free access to MRL information in the Global MRL Database. The MRL data provided is from a US viewpoint, which means users will have access to U.S. MRLs currently in force and corresponding MRLs for other countries. International MRLs are limited and are ONLY provided if a U.S. MRL also exists.

REGISTER »

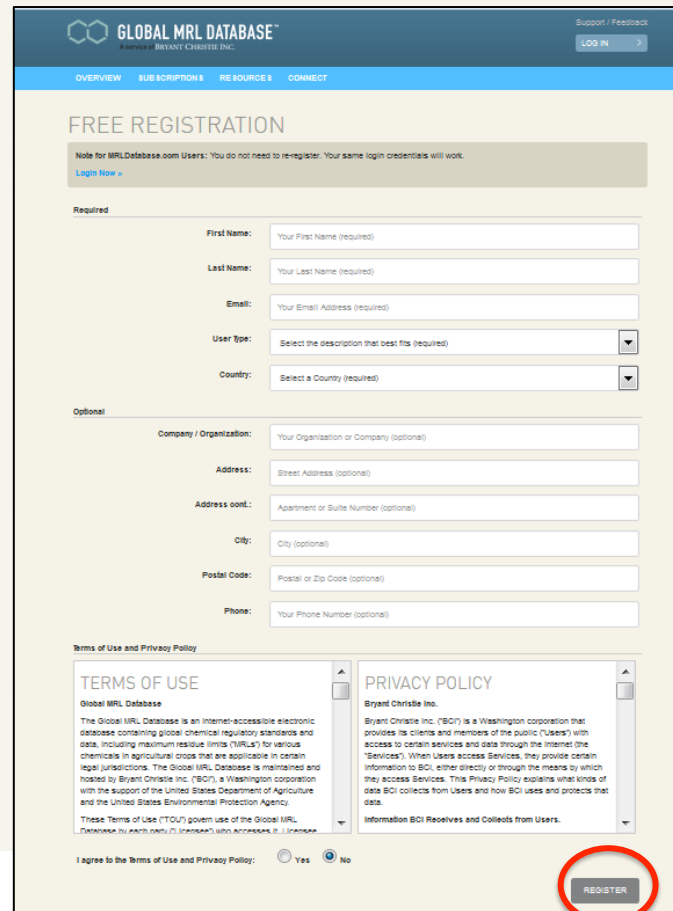
PREMIUM SUBSCRIPTIONS

Individuals who require more comprehensive MRL data and features, including MRLs from other countries, are encouraged to consider a premium subscription. Additional details about premium subscriptions are provided below.

REQUEST A FREE TRIAL

How to Register for Your Free Access (Funded by USDA & EPA)

- At GlobalMRL.com/db#register fill out form and click on "Register"



The screenshot shows the 'FREE REGISTRATION' page of the Global MRL Database. The page has a dark blue header with the logo and navigation links: OVERVIEW, SUBSCRIPTIONS, RESOURCES, and CONNECT. A 'Support / Feedback' link and a 'LOG IN' button are in the top right. Below the header, a note states: 'Note for MRLDatabase.com Users: You do not need to re-register. Your same login credentials will work.' with a 'Login Now' link. The registration form is divided into 'Required' and 'Optional' sections. The 'Required' section includes fields for First Name, Last Name, Email, User Type (a dropdown menu), and Country (a dropdown menu). The 'Optional' section includes fields for Company / Organization, Address, Address cont., City, Postal Code, and Phone. At the bottom, there are two scrollable sections: 'TERMS OF USE' and 'PRIVACY POLICY'. Below these sections are radio buttons for 'Yes' and 'No' to agree to the terms. A red circle highlights the 'REGISTER' button at the bottom right.

GLOBAL MRL DATABASE™
BRYANT CHRISTIE INC.

Support / Feedback
LOG IN

OVERVIEW SUBSCRIPTIONS RESOURCES CONNECT

FREE REGISTRATION

Note for MRLDatabase.com Users: You do not need to re-register. Your same login credentials will work.
[Login Now](#)

Required

First Name:

Last Name:

Email:

User Type:

Country:

Optional

Company / Organization:

Address:

Address cont.:

City:

Postal Code:

Phone:

Terms of Use and Privacy Policy

TERMS OF USE

Global MRL Database

The Global MRL Database is an internet-accessible electronic database containing global chemical regulatory standards and data, including maximum residue limits (MRLs) for various chemicals in agricultural crops that are applicable in certain legal jurisdictions. The Global MRL Database is maintained and hosted by Bryant Christie Inc. (BCI), a Washington corporation with the support of the United States Department of Agriculture and the United States Environmental Protection Agency.

These Terms of Use (TOU) govern use of the Global MRL Database by any person who accesses it.

PRIVACY POLICY

Bryant Christie Inc.

Bryant Christie Inc. (BCI) is a Washington corporation that provides its clients and members of the public (Users) with access to certain services and data through the internet (the "Services"). When Users access Services, they provide certain information to BCI, either directly or through the means by which they access Services. This Privacy Policy explains what kinds of data BCI collects from Users and how BCI uses and protects that data.

Information BCI Receives and Collects from Users.

I agree to the Terms of Use and Privacy Policy: ☐ Yes ☒ No

REGISTER

How to Register for Your Free Access

(Funded by USDA & EPA)

- You will receive an email informing you that your account has been created
- You MUST click the link in the email, “[Verify Email Address](#)”, to activate your account

From: Global MRL Support Team [<mailto:support@globalmrl.com>]
Sent: Thursday, May 26, 2016 2:17 PM
To: John Doe
Subject: New Account

Dear John Doe,

You have requested an account for Global MRL Database. To finish account activation you must verify your email address by selecting the link below. Selecting the link will take you to Global MRL Database, where you will be able to create a password to activate your account and you can begin accessing the database.

[Verify Email Address](#)

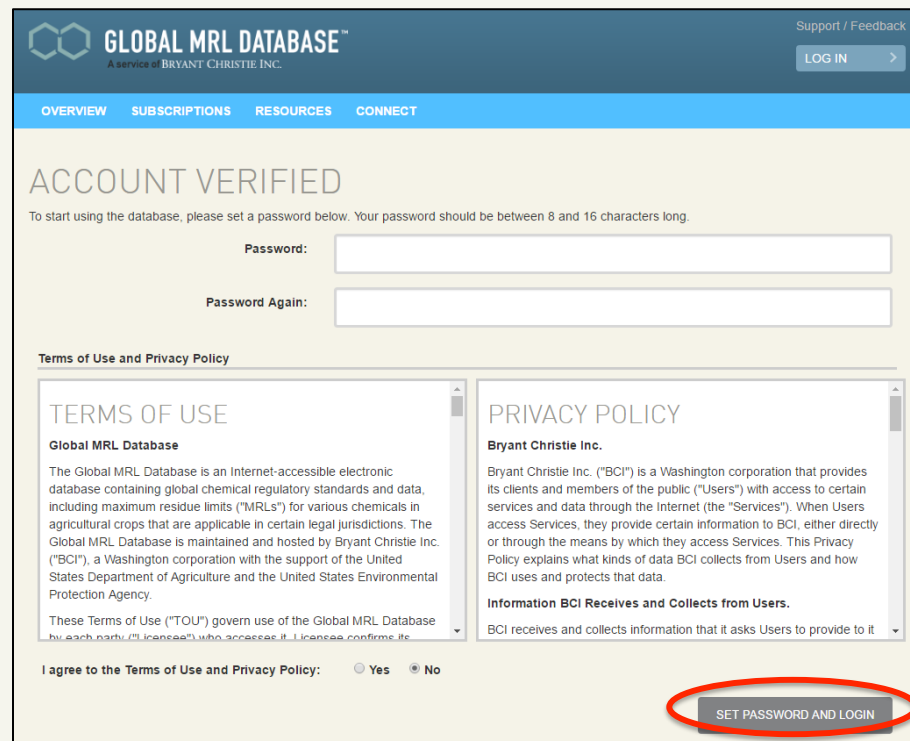
If you did not request an account for Global MRL Database, you can safely ignore this email.

Best regards,
Global MRL Support Team

How to Register for Your Free Access

(Funded by USDA & EPA)

- After verifying your email address, you will be taken to the “Account Verified” screen.
- To finish creating your account, enter a password and agree to the Terms of Use and Privacy Policy
- Click on “Set Password and Login”



The screenshot shows the 'ACCOUNT VERIFIED' page of the Global MRL Database. The page has a dark blue header with the logo and navigation links. Below the header, there are two input fields for 'Password' and 'Password Again'. Underneath these fields are two scrollable boxes for 'TERMS OF USE' and 'PRIVACY POLICY'. At the bottom, there is a checkbox for 'I agree to the Terms of Use and Privacy Policy' and a button labeled 'SET PASSWORD AND LOGIN' which is circled in red.

GLOBAL MRL DATABASE™
A Service of BRYANT CHRISTIE INC.

Support / Feedback
LOG IN

OVERVIEW SUBSCRIPTIONS RESOURCES CONNECT

ACCOUNT VERIFIED

To start using the database, please set a password below. Your password should be between 8 and 16 characters long.

Password:

Password Again:

Terms of Use and Privacy Policy

TERMS OF USE

Global MRL Database

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Information BCI Receives and Collects from Users.

BCI receives and collects information that it asks Users to provide to it

I agree to the Terms of Use and Privacy Policy: ☐ Yes ☒ No

SET PASSWORD AND LOGIN

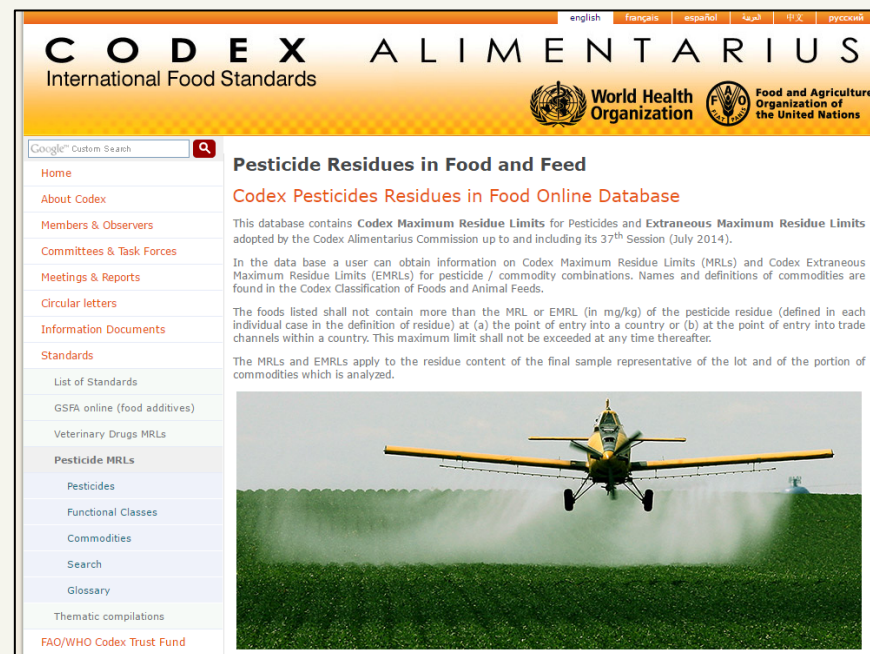
Additional Premium Subscription Types Available

- Provides a global perspective with MRL regulations available for over 900 active ingredients and 700 commodities in more than 100 countries.
- Request a free trial or quote by going to [Subscriptions](#)

	STANDARD	PROFESSIONAL	ENTERPRISE
	\$995 <i>annually</i>	\$1,795 <i>annually</i>	\$4,995 <i>annually</i>
	Ideal for: <ul style="list-style-type: none"> • Growers • Small exporters • Pest control advisors 	Ideal for: <ul style="list-style-type: none"> • Labs • Food Companies • Medium & Large exporters 	Ideal for: <ul style="list-style-type: none"> • Government Agencies • Regulators • Chemical companies* & retailers
	SIGN UP »	SIGN UP »	SIGN UP »
INTERNAL USERS	Up to 3	Up to 3	Up to 10
COMMODITIES	Up to 10	Up to 10	Up to 20
MARKETS	Up to 5	Up to 5	Up to 10
ADVANCED EXCEL REPORT		Included	Included
MRL CHANGE REPORT		Included	Included
PENDING MRLS		Included	Included
PROPOSED MRLS			Included
ANNUAL SUPPORT HOURS	5	10	20

Codex MRL Database: Latest MRLs Not Included

- Codex maintains a database of pesticide MRLs, which does not always include the latest revisions
- Currently, the most recent MRL changes reflected in Codex's database were adopted in 2014. It does not include MRLs adopted in 2015
- Typically, new Codex MRLs are added to this database 8 months AFTER their adoption
- BCI's Global MRL Database includes the latest Codex MRLs as soon as they are adopted



Codex MRL Process: CCPR Makes Recommendations

- Each April/May, the Codex Committee on Pesticide Residues (CCPR) meets and publishes a report recommending MRL adoptions and revisions
- The report is sent to the Codex Alimentarius Commission (CAC) for review in July

CODEX ALIMENTARIUS COMMISSION

Food and Agriculture
Organization of
the United Nations

World Health
Organization

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REP15/PR

JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX ALIMENTARIUS COMMISSION

38th Session
Geneva, Switzerland, 6 – 11 July 2015

REPORT OF THE 47th SESSION OF THE
CODEX COMMITTEE ON PESTICIDE RESIDUES

Beijing, China, 13 - 18 April 2015

REP15/PR – Appendix III

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APPENDIX III

PROPOSED DRAFT MAXIMUM RESIDUE LIMITS FOR PESTICIDES

At Step 5/8

Commodity	ML (mg/kg)	Step	Note
103 Phosmet			
FB 0265 Cranberry	3	5/8	
105 Dithiocarbamates			
HS 0775 Cardamom	0.1	5/8	
HS 0779 Coriander, seed	0.1	5/8	
HS 0780 Cumin seed	10	5/8	
HS 0731 Fennel, seed	0.1	5/8	
VR 0604 Ginseng	0.3	5/8	
DI 0604 Ginseng, dried (including red ginseng)	1.5	5/8	
HS 0790 Pepper, Black, White	0.1	5/8	
VO 0444 Peppers Chili	3	5/8	
HS 0444 Peppers Chili, dried	20	5/8	
116 Triflorine			
FB 0020 Blueberries	0.03	5/8	
MO 0105 Edible offal (mammalian)	0.01 (*)	5/8	
VO 0440 Egg plant	1	5/8	
MF 0100 Mammalian fats (except milk fats)	0.01 (*)	5/8	
MM 0095 Meat (from mammals other than marine mammals)	0.01 (*)	5/8	
ML 0106 Milk	0.01 (*)	5/8	
VO 0448 Tomato	0.7	5/8	
133 Triadimenol			
DF 0269 Dried grape (=currants, raisins and sultanas)	1	5/8	Based on triadimenol use
FB 0269 Grapes	0.3	5/8	Based on triadimenol use
148 Propiconazole			
VB 0400 Broccoli	3	5/8	
VB 0402 Brussels sprouts	2	5/8	
VB 0404 Cauliflower	2	5/8	
PE 0112 Eggs	0.01 (*)	5/8	
VA 0384 Leek	30	5/8	
VA 0385 Onion, Bulb	2	5/8	
PF 0111 Poultry fats	0.01 (*)	5/8	
PM 0110 Poultry meat	0.01 (*)	5/8	
PO 0111 Poultry, Edible offal of	0.01 (*)	5/8	
160 Propiconazole			

Codex MRL Process: CAC Approves MRL Revisions

- Each July, the Codex Alimentarius Commission (CAC) meets and reviews the reports submitted by various committees, including the CCPR
- The CAC publishes a report which officially adopts some or all of the Codex MRL revisions recommended by the CCPR
- GlobalMRL.com is updated to include these new Codex MRLs immediately when the CAC report is published



Thank You!

Kimberly Berry

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Bryant Christie Inc.

Sacramento, CA and Seattle, WA

www.bryantchristie.com



WE EMPOWER

BCI develops and maintains databases on global regulations that companies need to move products around the world.

Regulatory Databases

Welcome

Bryant Christie Inc. helps companies and organizations open, access, and expand international markets. We focus on the agricultural, food, and beverage sectors.

[Learn More »](#)

Our Services

- Global Access
- Information Services
- Market Development
- Global MRL Database



GLOBAL MRL DATABASE

Bryant Christie Inc. is excited to introduce the Global MRL Database, a powerful and easy-to-use MRL search tool. Visit GlobalMRL.com for more details, service features, and to sign up for our free MRL News service.

[Visit GlobalMRL.com »](http://GlobalMRL.com)