



United States Department of Agriculture
Foreign Agricultural Service

FAS Update: Trade and Pesticide MRLs

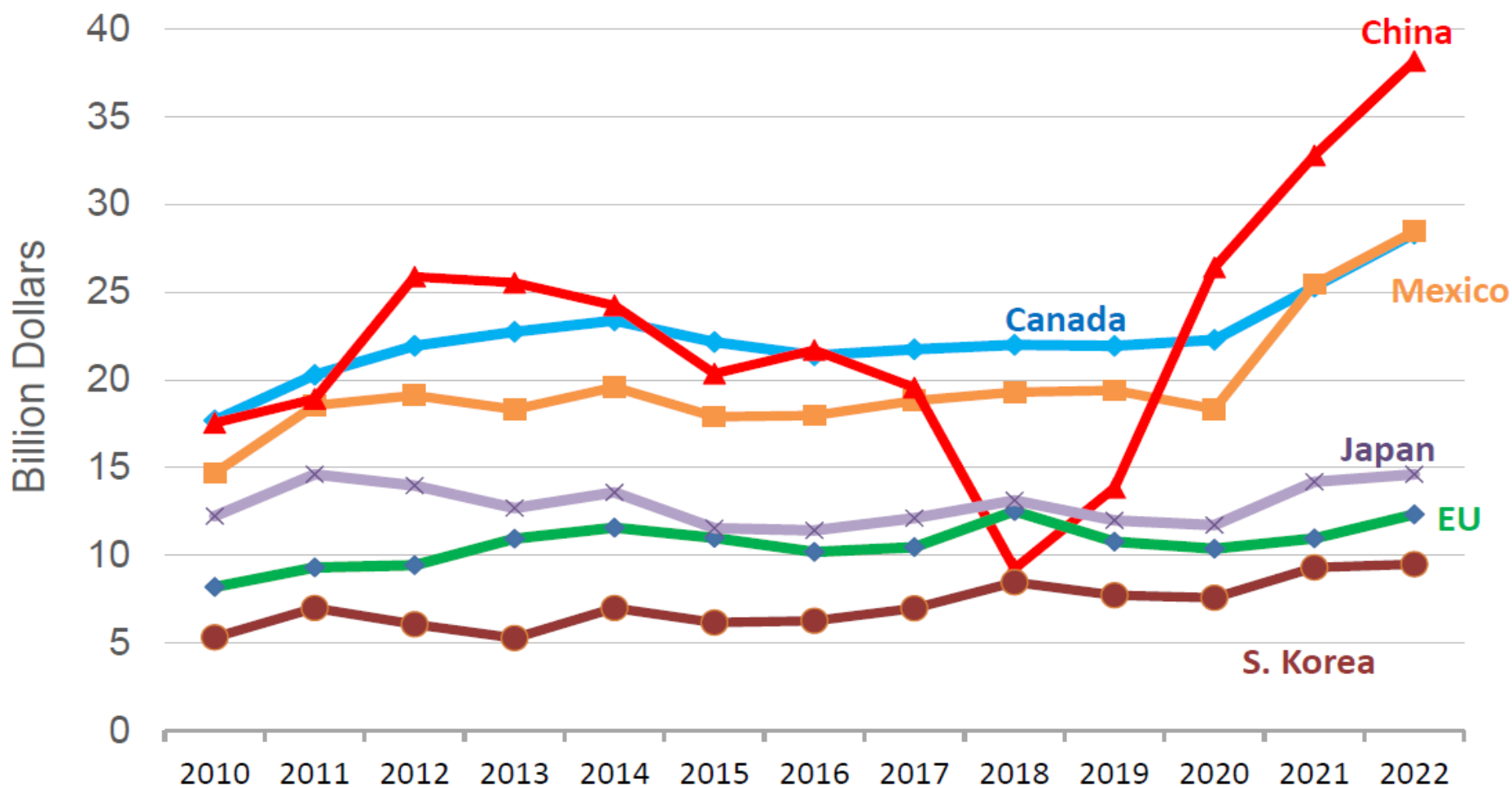
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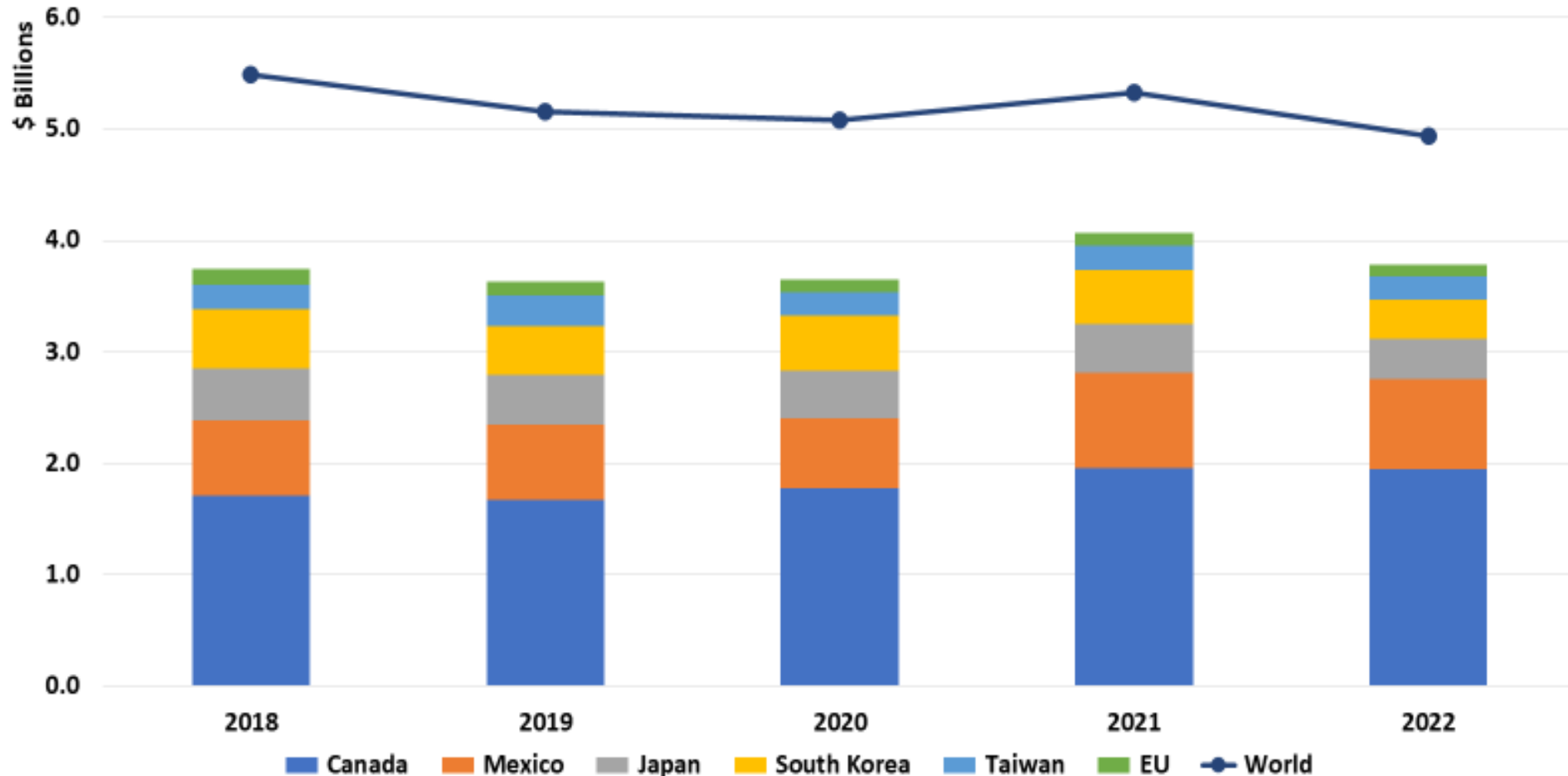


Top U.S. Ag Markets





U.S. Exports of Edible Fruit: Top Markets and EU

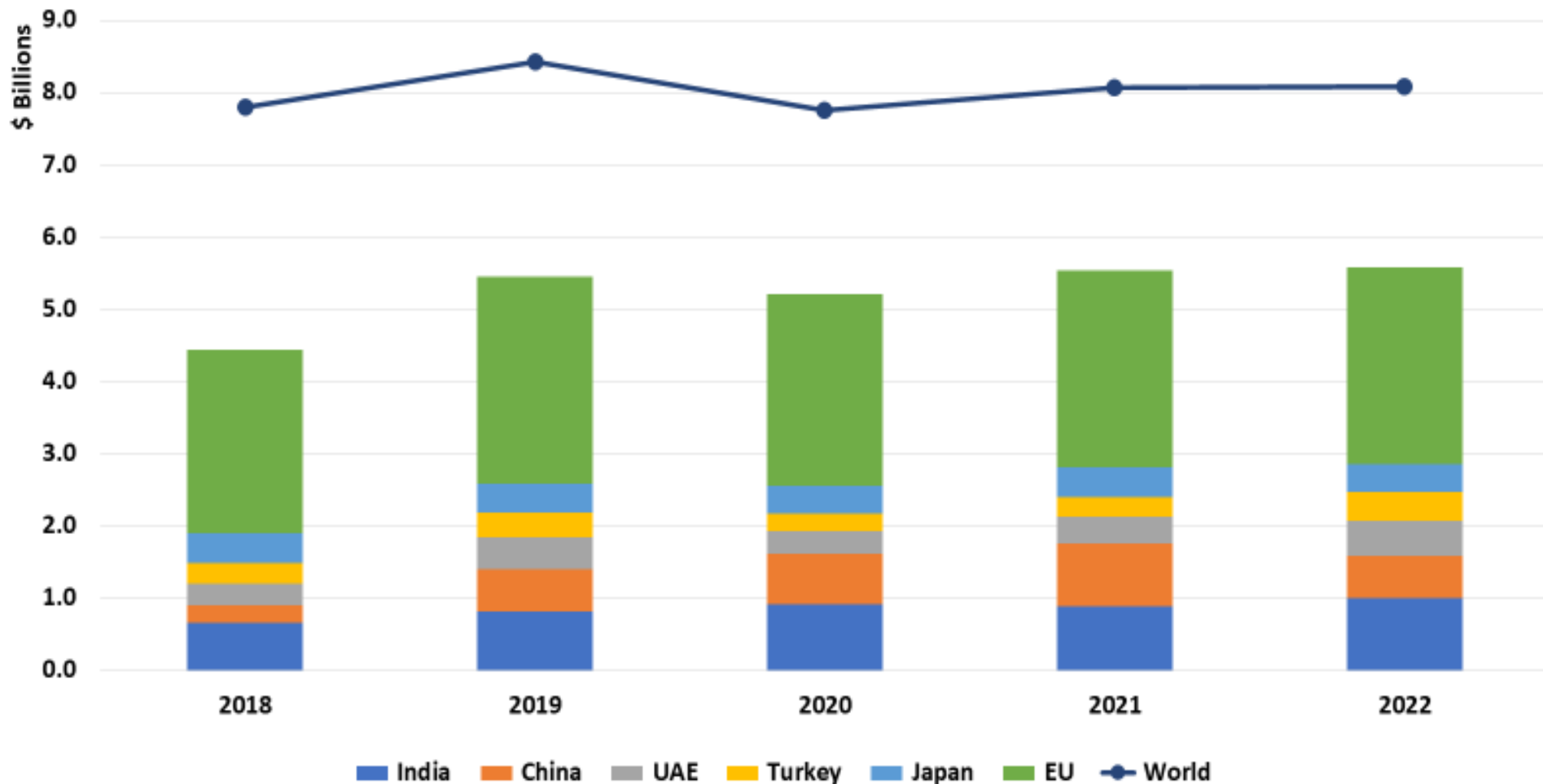


Chapter 8: Fruit is fresh/chilled, frozen, dried; includes tree nuts in fruit-and-nut mixtures but not as a separate commodity



U.S. Exports of Tree Nuts: Top Markets and EU

Tree nuts are shelled and in shell





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Pressure Points

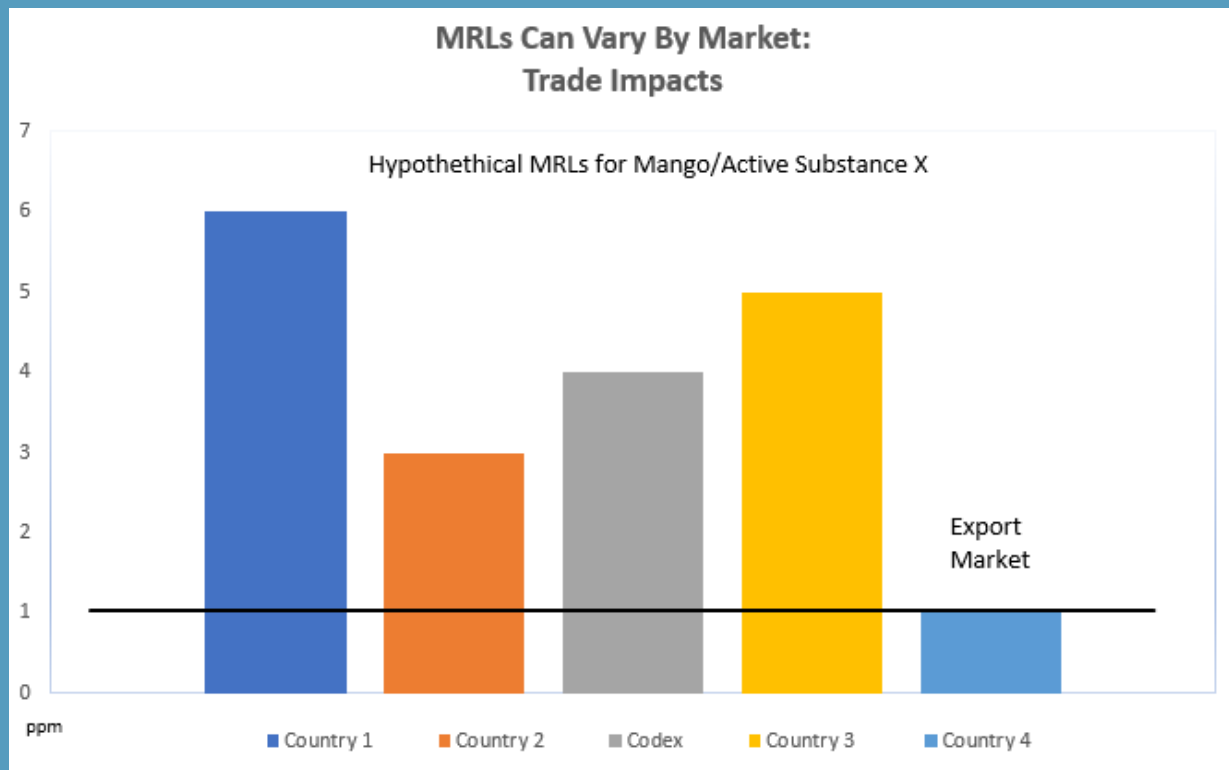
Up to 40% of global crop production is lost to plant pests and diseases, says the U.N. Food and Agriculture Organization.





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Global Landscape for MRLs





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Challenges: Pesticide Policies & MRLs

Regulatory Environments
Missing, Low, Misaligned MRLs
Codex Capacity Constraints
Importance of Import Tolerances
Channels of Trade

Trade Disruption
Lost Market Access
Productivity
Supply Chains
Increased Costs
Food Waste



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USDA Foreign Agricultural Service

Lead agricultural trade agency within the USDA

Trade Policy

Market Development and Export Assistance

Data and Analysis

Capacity Building

Food Security





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FAS Engagement

- Multilateral Engagement
- Bilateral Engagement
- Technical Meetings and Working Groups
- Codex
- TASC: SPS and TBT issues for specialty crops



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Interagency Partners



Agricultural
Marketing
Service



Animal and Plant Health Inspection Service
U.S. DEPARTMENT OF AGRICULTURE



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Resources

FOODCHAIN ID[®] Regulatory Limits by BCGlobal

www.globalmrl.com

USDA Agricultural Marketing Service
U.S. DEPARTMENT OF AGRICULTURE

www.ams.usda.gov/datasets/pdp



www.apps.fas.usda.gov/gats



GAIN
Global Agricultural
Information Network

www.gain.fas.usda.gov



EU Early Alert Newsletter

MRL CHANGES (March 2022 – February 2023)

As a result of non-renewal or expiration of approval, restrictive MRLs have either been proposed (WTO notification) or implemented (Commission Regulation) for the substances below.

WTO Notification:

- Cyromazine: WTO notification G/SPS/N/EU/582. (July 21, 2022)
- Topramezone: WTO notification G/SPS/N/EU/582. (July 21, 2022)
- Triflumizole: WTO notification G/SPS/N/EU/582. (July 21, 2022)
- Calcium phosphide*: WTO notification G/SPS/N/EU/582. (July 21, 2022)
- Phosmet: WTO notification G/SPS/N/EU/606. (December 14, 2022)
- Bifenazate: WTO notification G/SPS/N/EU/609. (January 17, 2023)
- Carboxin: WTO notification G/SPS/N/EU/616. (February 23, 2023)
- Diuron: WTO notification G/SPS/N/EU/617. (February 24, 2023)
- Etoxazole: WTO notification G/SPS/N/EU/617. (February 24, 2023)

Import tolerances and/or some Codex MRLs were maintained for the following substance:

- Methomyl: WTO notification G/SPS/N/EU/617. (February 24, 2023)

Implementing Regulation:

- Thiram: Commission Regulation 2022/1406 on August 3, 2022. *Effective date: February 28, 2023*
- Bromoxynil: Commission Regulation 2023/128 on January 19, 2023. *Effective date: August 8, 2023*
- Chlorsulfuron: Commission Regulation 2023/128 on January 19, 2023. *Effective date: August 8, 2023*

*Substance is exempted from a tolerance in the United States



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European Union

Green Deal and the Farm to Fork Strategy

- 50% reduction of use and risk of pesticides by 2030

EU Regulation for Sustainable Use of Pesticides

Trade Impacts





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WTO Notifications



WORLD TRADE
ORGANIZATION



SPS&TBT
Platform

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TRACK AND MANAGE INFORMATION ON PRODUCT REQUIREMENTS



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<https://eping.wto.org>



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Other Markets

Japan: Import inspection system: Non-risk based

Korea: Implemented a positive list system in 2022 ;
deleted temporary MRLs - > New import tolerances

China: Import Tolerances



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FAS Global Pesticides & Maximum Residue Limit Capacity Building Program Updates



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Program Goals

1. Promote risk-based pesticide regulatory approaches and MRLs
2. Align pesticide and biopesticide regulatory systems in regional economic communities
3. Support the U.S. Specialty Crop Industry by resolving and prevent MRL-related barriers to trade
4. Strengthen global commitment to Codex Alimentarius
5. Reduce the number of missing MRLs by supporting joint research
6. Ensure farmers have access to new and existing tools to respond to climate change pressures

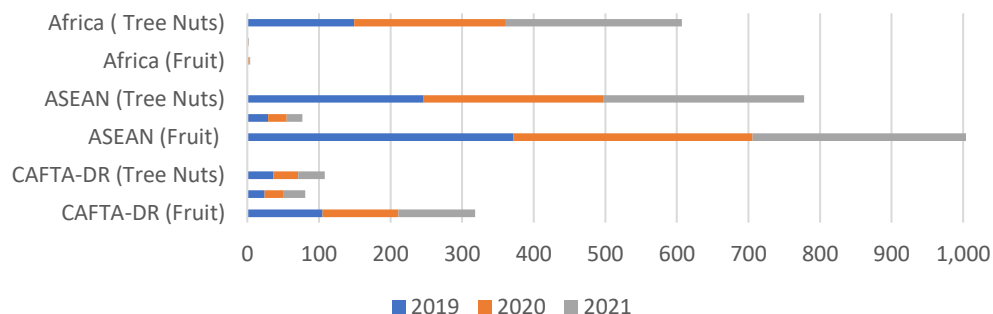




Why Emerging Markets?

- Increased trade potential
- Risk-based vs Hazard-based messaging
- Market diversification
- Investing in future alliances

U.S. Specialty Crop Exports (\$ Millions)



Year	2019	2020	2021
Total Dollar Exports to Emerging Markets	1,953,805,378	2,147,356,087	2,944,298,913

Notes:

1. Data Source: U.S. Census Bureau Trade Data
2. Product Group : BICO-HS10

Potential Impact of EU MRLs on Central American Crops



Source: 2017 Bryant Christie Inc. study

Partner	Top 3 Product Groups	Value of Top 3 Exports to EU
Costa Rica	Fruits, Coffee, Vegetables	€ 1,385,863,909
Honduras	Coffee, Vegetable Oil, Fruits	€ 783,030,663
Guatemala	Vegetable Oil, Coffee, Fruits	€ 392,737,795
Panama	Fruits, Vegetable Oil, Coffee	€ 129,202,224
Nicaragua	Coffee, Oilseeds, Sugar	€ 120,534,361
Belize	Fruits, Sugar, Feed	€ 93,787,285
El Salvador	Sugar, Coffee, Oilseeds	€ 57,123,340
Total		€ 2,962,279,577 or \$3.5 billion

Technical Assistance

- Risk Assessment
- MRL Adoption Policies
- Efficacy Recognition
- Registrations/Data Requirements
- Emergency Use
- Import MRLs
- Crop Grouping

East African Community (EAC) Progress Chart								
Risk Assessment	Agreement to engage	Capacity on topic	Guidance on best practices	Pilot for joint assesment	Joint registration	Guidance to expand joint reviews	Policy approvals	Expand joint reviews
Adoption Pathways	Agreement to engage	Survey to assess Status	Establish common ground	Address exceptions	Draft policy guidance	Submission to policy makers	Policy approvals	Regional adoption
Efficacy Recognition	Agreement to engage	Capacity on topic	Pilot joint studies	Reviewing pilot data	Regional guidance document	Submission to policy makers	Policy approvals	Regional adoption
Data Requirements	Agreement to engage	Technical agreement on requirements	Science policy agreement	Dossier format alignment	Adoption of foreign decisions	Submission to policy makers	Policy approvals	Regional adoption
Emergency Use	Agreement to engage	Capacity on topic	Technical workshops	Draft guidance document	Review of drafts	Submission to policy makers	Policy approvals	Regional adoption

Global Pesticides & MRL Implementing Partners & Workstream Team Map

Central America/ IICA

Central American Technical Regulations on MRL adoption, Harmonized Pesticide Registration System, and Biopesticides.

SME's – Erick, Luis, Magda, Fabiola, Ian, Veronica

Andean Region/IICA

The Community of Andeans (CAN) drafting of a new Andean Biopesticide Regulations

SME's- Erick, Luis, Fabiola

West Africa - Missouri/AFSI

Technical assistance and capacity building projects with the West African Pesticide Registration Committee (WAPRC).

Implementing mutual recognition and harmonized protocols. SME's – Alan and Janie.

East Africa - Missouri/AFSI

Technical assistance and capacity building with the East African Community (EAC). Adoption of regional harmonized guidelines on emergency use and mutual recognition SME's – Alan, Luis, and Janie

ASEAN/CABI

MRL Bilateral Workshop Series, work with Vietnam, Thailand, and the Philippines on MRL registration, Biopesticides, and Deferral Pathways. SME's- Kirk, Jason

CROPLIFE ASIA/ASEAN

Harmonization of Technical Guidance for Pesticide Management in ASEAN SME's- Ricky, Alan

CROPLIFE ASIA/ASEAN/CERSA

ASEAN Import MRL Pilot Program, Setting regional Import MRLs for ASEAN and providing capacity building for ASEAN to apply to US EPA. SME's- Matt, Jason, Jamin, Ricky

CABI/Missouri

Assess the potential impact and influence media and access to media can have on the perceptions of agriculture and trade topics through a content analysis to survey the communications that are being widely sent and received across the Asian continent SME's-

Kirk, Jon,

Southern Africa - NC

Technical assistance to implement a biopesticide regional guideline for the Southern Africa Development Community (SADC). Work funded through STDF grant. SME's-Luis, Jason, Wayne

APEC/CABI/BCI

APEC forum on Pesticide Risk Communication in Asia. Ensure understanding of best regulatory practices in risk communication on challenging topics such as pesticides among APEC economies. SME's- Matt, Kirk, Alinne

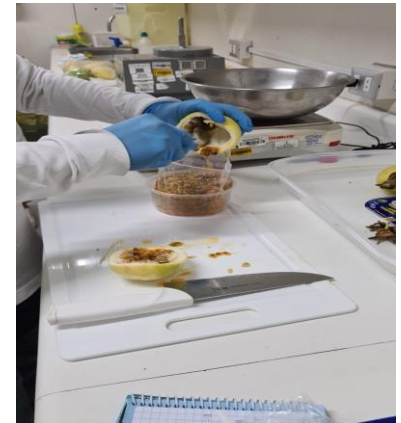
MECOSUR/ IICA

Argentina Support on new biopesticide regulation. Potential new workstream on TIFA support to Paraguay on new MRL deferral policy regulation. SME's- Erick, Luis, Veronica, Fabiola

Global/ Minor Use Foundation

Residue Studies/JMPR submissions

Codex Alimentarius & Data Generation



- The Minor Use Foundation & Importance of Codex
- Global Network of International Study Teams and Role of Crop Protection Industry
- 20+ JMPR Data Package Submissions & Codex MRL's Established since 2016

Mutually Beneficial Engagements



Pesticide	Commodity	US tolerance (ppm)	Codex MRL (ppm)	ASEAN MRL (ppm)	Proposed iMRL based on	Scenario #
Chlorantraniliprole	Hop	40	40	-	Codex MRL	1 or 2
Trifloxystrobin	Grape	2	3	-	Codex MRL	1 or 2
zeta-cypermethrin	Blueberries	0.8	-	-	US tolerance	3
Spinetoram	Cherries	0.3	0.09	-	US tolerance	4

Benchmark Successes

Africa

- East Africa Community (EAC) Regional Harmonization of Emergency Use Guidelines
- Integration of PIMS database into the EAC

Central America

- The Inter-American Board of Agriculture's Resolution (IABA)
- Central America Agricultural Council (CAC) drafting of new technical regulations

Southeast Asia

- ASEAN import tolerance pilot project
- APEC Guidance on Channels of Trade Provisions Completed

International Standard Setting

- 2 data submissions accepted by CODEX
- Submission of 19 final reports to crop protection companies for submission to JMPR. 5 successfully submitted for JMPR review through MUF.

