

CURRENT EVENTS IN THE HONEY INDUSTRY

Evan Himes, Sales Manager



GLOBAL MARKET OVERVIEW

Largest Importers:

- US buys everything except China
- Japan*
- Europe*

*Stricter quality standards than US

Conventional:

- US
- Canada
- Argentina
- Uruguay / Ukraine
- India
- Vietnam

Organic:

- Brazil
- Uruguay
- India
- Mexico

FLORAL SOURCES

Argentina Clover, Alfalfa, Sunflower, Thistle

Mustard, Eucalyptus, Lychee, Coriander

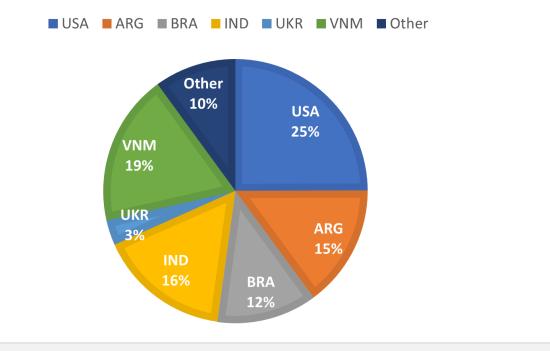
- Ukrainian Sunflower, Acacia, Canola
- India*
- Vietnam* Rubber, Acacia
- Brazil* Eucalyptus, Mixed

*Honey ships homogenized

US HONEY MARKET 2020

- Market Size
 - 600 million pounds
- Annual Production
 - 150 million pounds = 25%
- Annual Imports
 - 450 million pounds
 - Argentina, Brazil, Ukraine, India & Vietnam=65%
 - All Others=10%

US HONEY MARKET BY COUNTRY OF ORIGIN

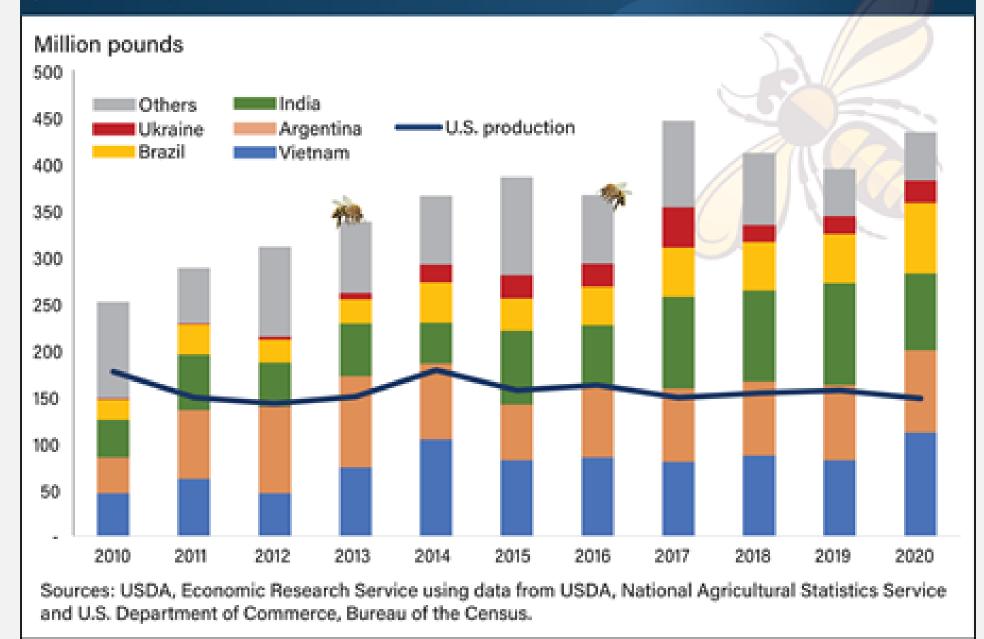


LBS Vietnam 135.6 1ndia 134.0 Argentina 101.9 Brazil 84.4 Ukraine 19.4 Uruguay 8.4 Mexico 8.2 Canada 5.4		Country	Millions of Lbs
India 134.0 Argentina 101.9 Brazil 84.4 Ukraine 19.4 Uruguay 8.4 Mexico 8.2 Canada 5.4	LBS		135.6
Brazil84.4Ukraine19.4Uruguay8.4Mexico8.2Canada5.4		India	I 34.0
Ukraine19.4Uruguay8.4Mexico8.2Canada5.4		Argentina	101.9
Uruguay8.4Mexico8.2Canada5.4		Brazil	84.4
Mexico8.2Canada5.4		Ukraine	19.4
Canada 5.4		Uruguay	8.4
		Mexico	8.2
		Canada	5.4
Taiwan 3.0		Taiwan	3.0
All Other 25.4		All Other	25.4
Total 525.8		Total	525.8

U.S. honey imports by country and U.S. honey production, 2010-20



USDA Economic Research Service U.S. DEPARTMENT OF AGRICULTURE



ANTIDUMPING LAWSUIT AT STAKE + STAKEHOLDERS

- 1. AD import goods sold at less than fair value (LTFV)
- 2. CVD import goods subsidizes by gov in country of origin
- 3. Critical Circumstance AD/CVD applied 90 days retroactively

Plaintiffs / Petitioners:

- American Honey Producers Association
- Sioux Honey Association

Defendants:

• Raw Honey from Argentina, Brazil, India, Vietnam & Ukraine

ANTIDUMPING LAWSUIT GOV ENTITIES

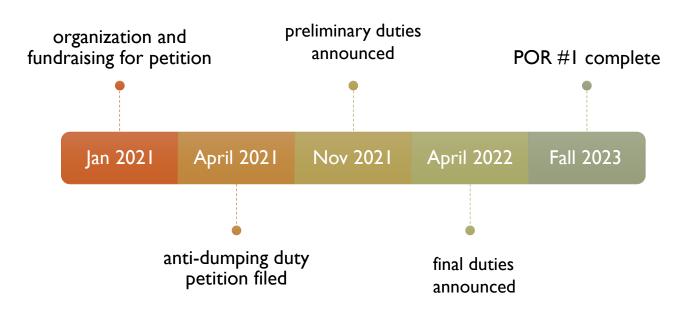
Department of Commerce (DOC)

- Execute the process
- Panel of 5 judges

International Trade Commission (ITC)

- Teams in country collecting market data to reconstruct cost of production
 - Analysis of domestic sales vs export sales
 - 3rd party market data
 - Government assistance
- Calculates fair value used to inform duties
- Judgement call on the injury to the domestic industry

ANTI-DUMPING CASE TIMELINE



VIETNAM 412%

- Closed market economy requires surrogate

 Domestic sales vs export sales no domestic sales
 3rd party market data unavailable/untrusted
 - Government assistance unavailable / untrusted
- Specialty Indian import data used
- Indian market now unchecked

ANTIDUMPING DUTY ASSIGNMENTS

Country	Preliminary Duty	Final Duty
Vietnam	412.0%	60.0%
India	6.5%	5.9%
Argentina	16.1%	16.9%
Brazil	20.2%	7.9%
Ukraine	18.7%	None



MARKET OUTLOOK

- How will the domestic Clover crop impact market rates?
- Will the VN support the US market w/ inventory?
- What does higher honey prices do to demand?
- Is pressure relieved on freight, packaging, labor, and energy costs?



TRUE SOURCE HONEY

- Supply chain traceability
- NSF audit team
- New in 2021 authenticity testing
 - C3/C4 testing AND
 - NMR or HRMS

 "Made With" logo - for food manufacturers/products





Strengths and Weaknesses of each Testing Method

Determination Of	13C EA/ LC-IRMS	LC- HRMS	NMR- Profiling
C4 Sugar			
C3 Sugar			
Tailor-made syrups			
Illegal (Resin) Processing			
Moisture Reduction			
Botanical and Geographical Origin			

Very Effective in Detecting
 Somewhat Effective in Detecting
 Not Effective in Detecting

FAQs on Honey Testing Methods for Detecting Adulteration with Sugar Syrups, pg 4