

# Indispensable Partners in Growing Markets Around the World for America's Agricultural

Suzanne Heinen

Senior Counselor to the Under Secretary

USDA/Farm and Foreign Agricultural Services



# Categorization of Pathways

## Transportation Related Pathways

This category includes all the various pathways related to transportation of people and goods.

Subcategories include:

1. Modes of Transportation
2. Military Travel and Transportation of Military Vehicles
3. Items Used in Shipping Process
4. Mail/Internet/Overnight Shipping Companies
5. Travel/Tourism/Recreation/Relocation

See Diagram 1 for more details

## Living Industry Pathways

This category includes all the various pathways associated with living organisms and/or their by-products. Subcategories include:

1. Plant Pathways
2. Food Pathways (market ready or near market ready – transporting animals for consumption)
3. Non-Food Animal Pathways (transporting animals for reasons other than consumption)
4. Non-Living Animal and Plant Related Pathways (animal and plant products)

See Diagram 2 for more details

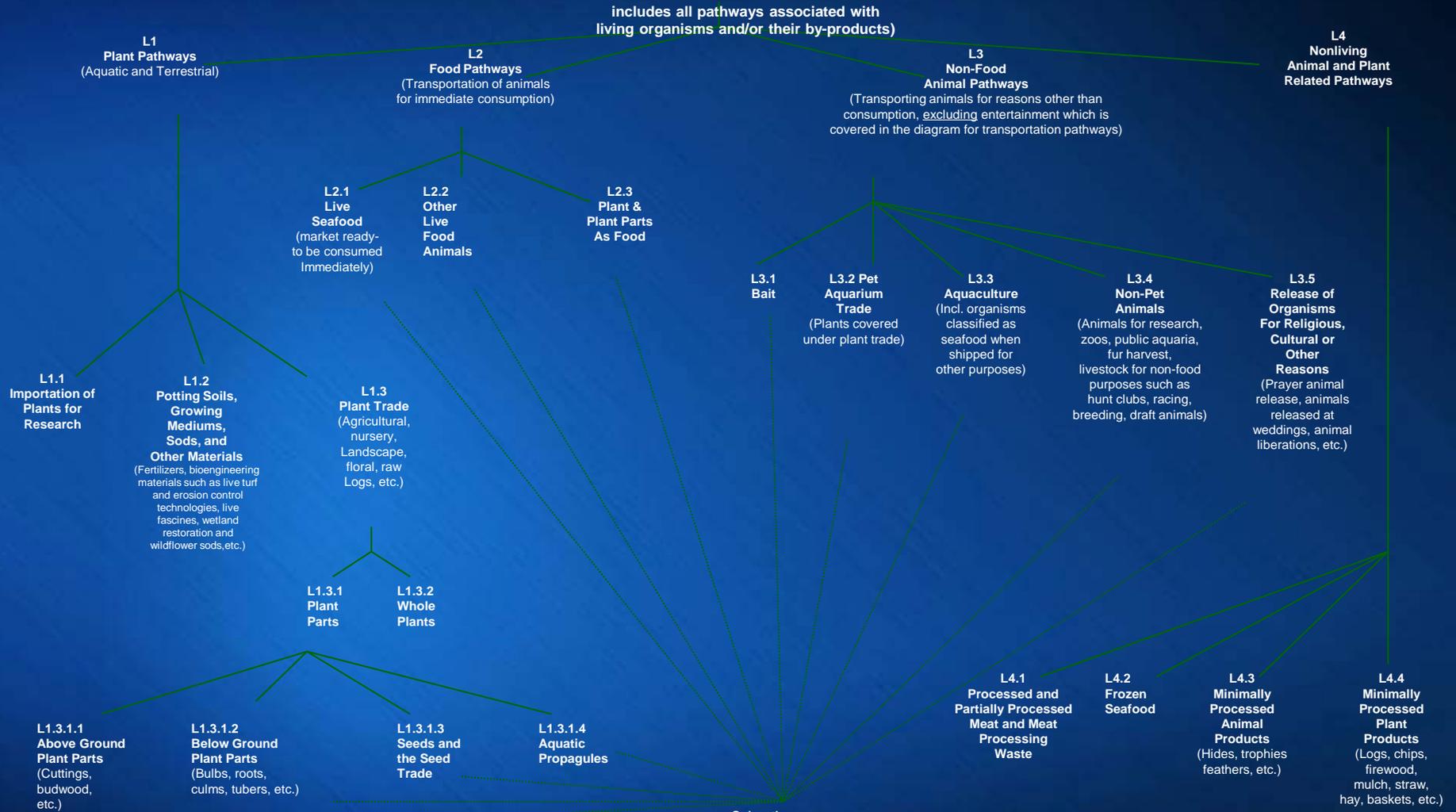
## Miscellaneous Pathways

This category includes various pathways that did not fit into the other two categories. Subcategories include:

1. Biocontrol
2. Release of Animals for Religious, Cultural or Other Reasons
3. Other Aquatic Pathways
4. Natural Spread of Established Populations of Invasive Species
5. Ecosystem Disturbance (long and short term)

See Diagram 3 for more details

# Living Industry Pathways



## Subpathways

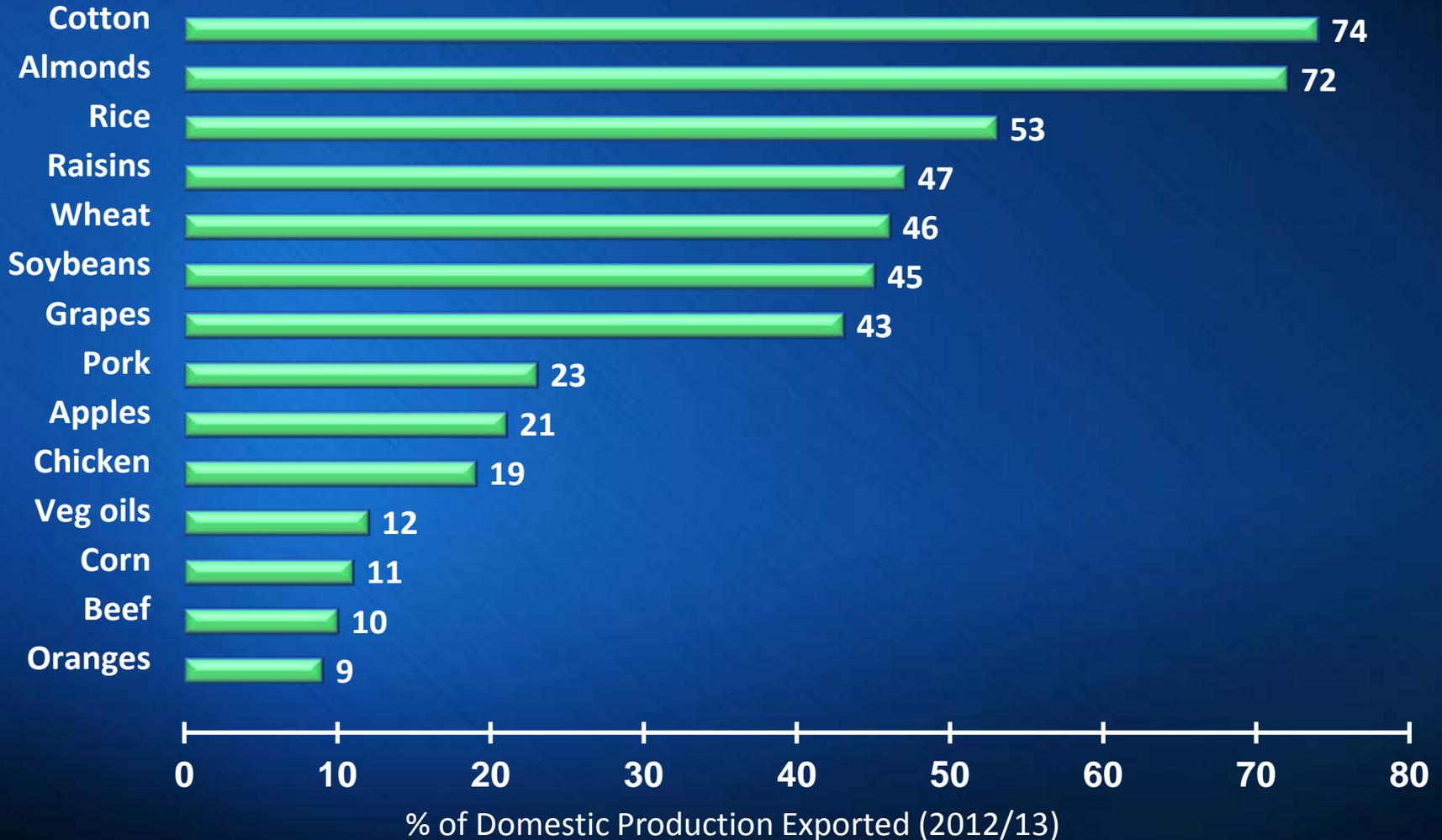
- Each of the categories above has subpathways:
- 1) The organism "in trade" itself – whether intentionally released (authorized or unauthorized) or escaped
  - 2) Hitchhikers on or in the organism in trade
  - 3) Hitchhikers in water, food, nesting/bedding, or growing medium
- NOTE:** Hitchhikers can include plants, animals, invertebrates, parasites, diseases and pathogens

# U.S. Agricultural Exports



# Importance of Trade for U.S. Agriculture

Percentage of Production Exported



# Global Food & Feed Trade Projected to Surpass \$1.6 trillion by 2022

Global Food & Feed Imports 1963 – 2022(p)

