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CONGRESS**

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Speaker Disclosure

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(I am from the International Potato Centre CIP)





Navigating Global Trade Dynamics in the Potato Sector - Challenges and Opportunities

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Key Challenges

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Introduction

- **Significance:** Crucial for food security and economic development.
 - **Ranking:** 4th largest food crop globally.
 - **Applications:** Versatile in both raw and processed forms.
- **Key Influences:** Production challenges, market demands, trade policies, technological advancements.



Global Production and Trade



Top Producers: China, India, Russia, Ukraine, USA.

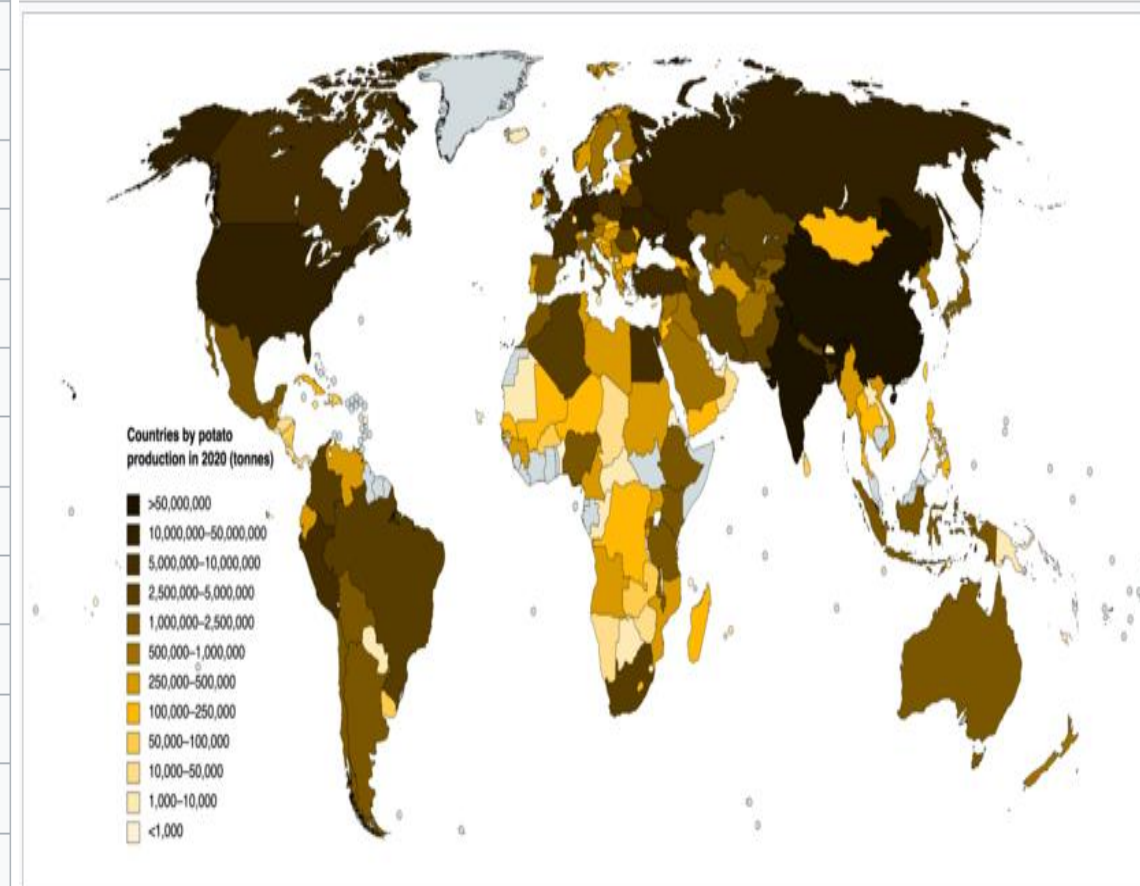
Major Exporters: Netherlands, Germany, France (fresh); Belgium, Netherlands, USA (processed).

Example: Netherlands exported ~1.5 million tons of fresh and over 2 million tons of processed potatoes in 2022.



Potato Production - Country wise

Rank ↕	Country ↕	2022 ↕	2021 ↕	2020 ↕	2019 ↕	2018 ↕	2017 ↕	2016 ↕
1	 China	95,570,055	94,300,000	92,800,000	89,500,000	90,259,155	88,481,500	84,928,500
2	 India	56,176,000	54,230,000	48,562,000	50,190,000	51,310,000	48,605,000	43,417,000
3	 Ukraine	20,899,210	21,356,320	20,837,990	20,269,190	22,503,970	22,208,220	21,750,290
4	 Russia	18,887,679	18,295,535	19,607,361	22,074,874	22,394,960	21,707,645	22,463,487
5	 United States	17,791,840	18,589,530	19,051,790	19,251,320	20,421,560	20,453,430	20,426,359
6	 Germany	10,683,400	11,312,100	11,715,100	10,602,200	8,920,800	11,720,000	10,722,100
7	 Bangladesh	10,144,835	9,887,242	9,606,000	9,655,082	9,744,412	10,215,957	9,474,099
8	 France	8,067,380	8,987,220	8,822,180	8,560,410	7,860,380	8,547,354	6,954,983
9	 Pakistan	7,936,884	5,872,960	4,552,656	4,869,312	4,591,776	3,852,897	3,977,595
10	 Netherlands	6,915,900	6,675,590	7,020,060	6,961,230	6,025,370	7,391,881	6,534,338
11	 Canada	6,248,376	6,372,183	5,286,792	5,364,169	5,204,548	5,419,238	5,345,626
12	 Egypt	6,155,467	6,273,931	6,786,340	5,200,563	4,960,062	4,841,040	4,113,441
13	 Poland	6,030,930	7,081,460	7,859,510	6,481,620	7,311,960	9,171,733	8,872,445
14	 Peru	6,021,030	5,702,350	5,515,378	5,389,231	5,133,927	4,776,294	5,389,231
15	 Turkey	5,200,000	5,100,000	5,200,000	4,979,824	4,550,000	4,800,000	4,750,000
16	 United Kingdom	4,797,301	5,127,387	5,512,813	5,307,000	5,060,000	6,218,000	5,395,000



Countries by potato production in 2020

Factors Influencing Production and Export:



1. Climate and Soil Suitability:

Ideal conditions in Asia, Europe, and the Americas.

2. Agricultural Practices:

Advanced techniques in the Netherlands, Germany, and USA.

3. Economic Factors:

High domestic demand in China and India. Efficient production and strategic location in Europe.

4. Infrastructure and Supply Chain:

Well-developed systems in Belgium and the Netherlands.

5. Government Policies and Support:

Subsidies, research funding, and trade agreements in Europe.

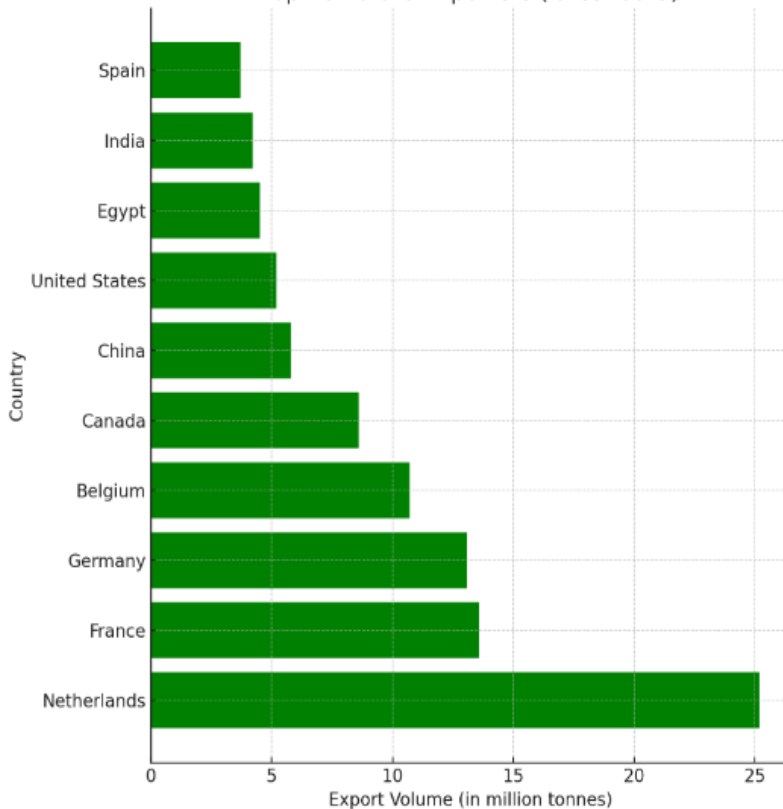
6. Market Demand and Trade Networks:

Strong trade networks and high-quality products in Europe.

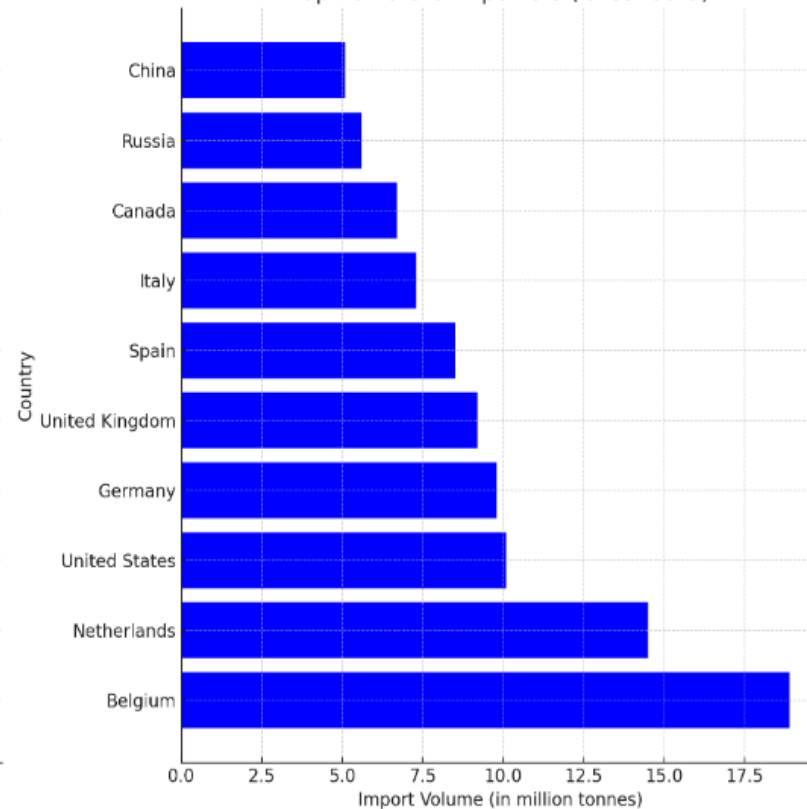
Chart showing the major exporters and importers of Potatoes (2024)



Top 10 Potato Exporters (latest data)



Top 10 Potato Importers (latest data)



- **Top 10 Potato Exporters (in million tonnes):**

1. Netherlands: 25.2
2. France: 13.6
3. Germany: 13.1
4. Belgium: 10.7
5. Canada: 8.6
6. China: 5.8
7. United States: 5.2
8. Egypt: 4.5
9. India: 4.2
10. Spain: 3.7

- **Top 10 Potato Importers (in million tonnes):**

1. Belgium: 18.9
2. Netherlands: 14.5
3. United States: 10.1
4. Germany: 9.8
5. United Kingdom: 9.2
6. Spain: 8.5
7. Italy: 7.3
8. Canada: 6.7
9. Russia: 5.6
10. China: 5.1 [\[->\]](#)



Key Challenges

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- **Trade Barriers:** Tariffs and restrictions (e.g., India's 30% tariff on U.S. frozen potatoes, 2019)
- **Phytosanitary Regulations:** Protect against pests/diseases, causing shipment delays (e.g., EU bans on certain imports)
 - **Climate Change:** Unpredictable weather impacts yields (e.g., 2018 European drought)
 - **Supply Chain Disruptions:** COVID-19 impacts logistics and distribution
 - **Pests and Diseases:** Devastate crops (e.g., Irish Potato Famine)

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Opportunities

- **Emerging Markets: Rising incomes and dietary changes (e.g., China's demand for processed products)**
- **Technological Advancements: Enhanced productivity (e.g., disease-resistant varieties)**
- **Value Addition: Higher margins from processed products (e.g., U.S. frozen fries)**
- **Sustainable Practices: Meeting eco-friendly market demands (e.g., EU standards)**
- **Trade Agreements: New markets through partnerships (e.g., CPTPP)**





Strategies for Success

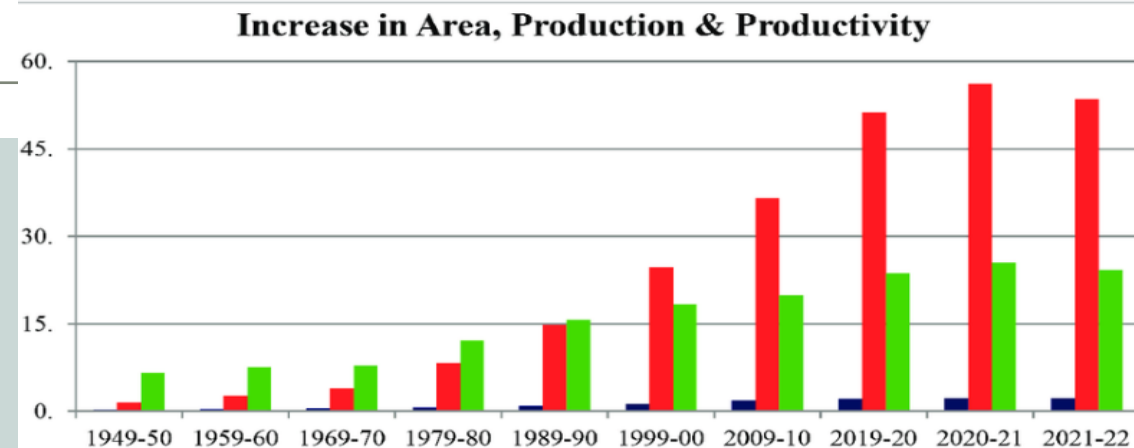
- **Research & Development:** Enhance resilience and yields (e.g., blight-resistant varieties).
 - **Market Diversification:** Target new regions (e.g., Asia, Africa).
- **Supply Chain Management:** Improve logistics (e.g., robust tracking systems).
- **Sustainability:** Adopt eco-friendly practices (e.g., organic farming).





Trends and Innovations

- **Current Trends:** Increasing demand for processed products, growth in sustainable farming practices, rise of precision agriculture.
- **Innovations:** Development of disease-resistant potato varieties, use of drones and AI in farming, advancements in storage and logistics.
- **Future Outlook:** Continued growth in emerging markets, increased focus on sustainability, potential for new trade agreements.



Case Studies



- **Netherlands:** Advanced agriculture, strategic location, facing EU regulations and global competition.
- **India:** Large producer, challenges with infrastructure, opportunities in processed products.
- **USA:** Tech advancements, strategic agreements, expanding reach in Asia and the Middle East.
- **Kenya:** Women's role in smallholder farms, challenges with market access, and opportunities with local processing units.
- **Peru:** Indigenous women preserving traditional potato varieties, promoting biodiversity, and tapping into niche organic markets.

Gender Dynamics in the Potato Sector



- **Women in Agriculture:** Significant role in potato farming, especially in developing countries. Integrating gender considerations into global trade policies is essential for achieving inclusive and sustainable economic growth. By addressing the unique challenges faced by women and leveraging trade as a tool for gender equality, countries can create more equitable economic environments and enhance overall development outcomes.
- **Challenges:** Limited access to resources, training, and market opportunities.
- **Opportunities:** Empowering women through education, technology, and market access can boost productivity and livelihoods.
- **Example:** In Kenya, women's cooperatives have improved local market access and processing capabilities, enhancing community resilience.



Conclusion

- **Future Outlook:** Adaptation and strategic investments are key
- **Growth:** Address challenges, leverage opportunities
- **Contribution:** Enhance global food security and economic growth
- **Gender Inclusivity:** Promoting gender equity in the potato sector can drive sustainable development and innovation.





Thank you

References

- **Sources:**

Food and Agriculture Organization (FAO)

International Potato Center (CIP)

United States Department of Agriculture (USDA)

European Union Agricultural Market Information System (AMIS)

Industry reports and market analyses

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