

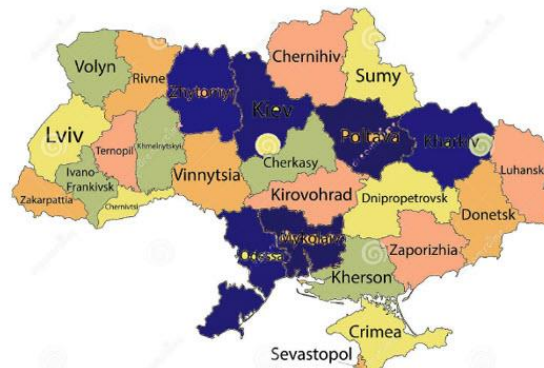


Environmental &  
Energy Management Institute  
SCHOOL OF ENGINEERING & APPLIED SCIENCE

# Russia's War, the World's Food: *The Successes and Challenges of Ukrainian* *Agricultural Producers Midst the War*

September 2, 2022  
Lehman Auditorium

B-1



Ukrainian Delegation Oblasts  
September 2, 2022



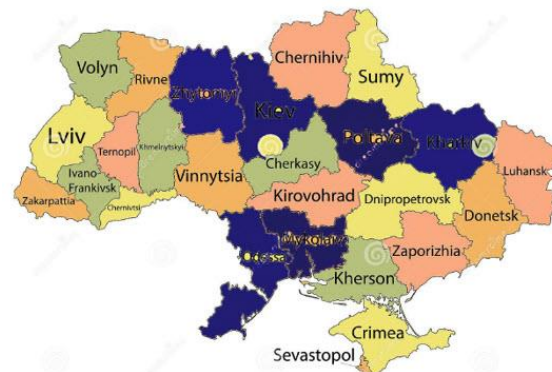
## Russia's War, the World's Food: The Successes and Challenges of Ukrainian Agricultural Producers Midst the War

September 2, 2022

### Panelists

**Lina Dotsenko, Ph.D.**, is CEO and co-founder of BRIDGES, a Ukraine-based NGO that provides agricultural consulting and technical support to Ukrainian agricultural companies and policymakers in cooperation with the leading US institutions.

**Vlad Konovalchuk, Ph.D.**, is Head of Research and Consulting at BRIDGES.



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### Session Leaders

**Jon Deason** is a Co-Director, Environmental and Energy Management Institute, GWU

**Mark Pollins** is a Visiting Scholar in the **Environmental and Energy Management Institute** at George Washington University,

**Oksana Melnyk** is a Ukrainian-American lawyer educated in the US and Ukraine and an EEMI Visiting Scholar. She has experience in strengthening developing nations' governmental policies.

# Run of Show



THE GEORGE  
WASHINGTON  
UNIVERSITY  
WASHINGTON, DC

Environmental &  
Energy Management Institute  
SCHOOL OF ENGINEERING & APPLIED SCIENCE

- **Opening:** Edward Saltzberg
- **Welcome:** **Jonathan Deason**, Co-director of the Environmental and Energy Management Institute and **John Lach**, Dean of the School of Engineering and Applied Science and **Leo Chalupa**, Ukrainian neurologist and former GWU Vice President for Research
- **Context and Panel Introduction:** **Lina Dotsenko and Vlad Konovalchuk**, BRIDGES
- **Ukrainian Agriculture Producers' Remarks**
- **Discussion Questions:** **Mark Pollins** and **Oksana Melnyk**
- **Audience Questions**
- **Final thoughts**
- **Closing:** Edward Saltzberg

**Add questions to the Go to Webinar window.**

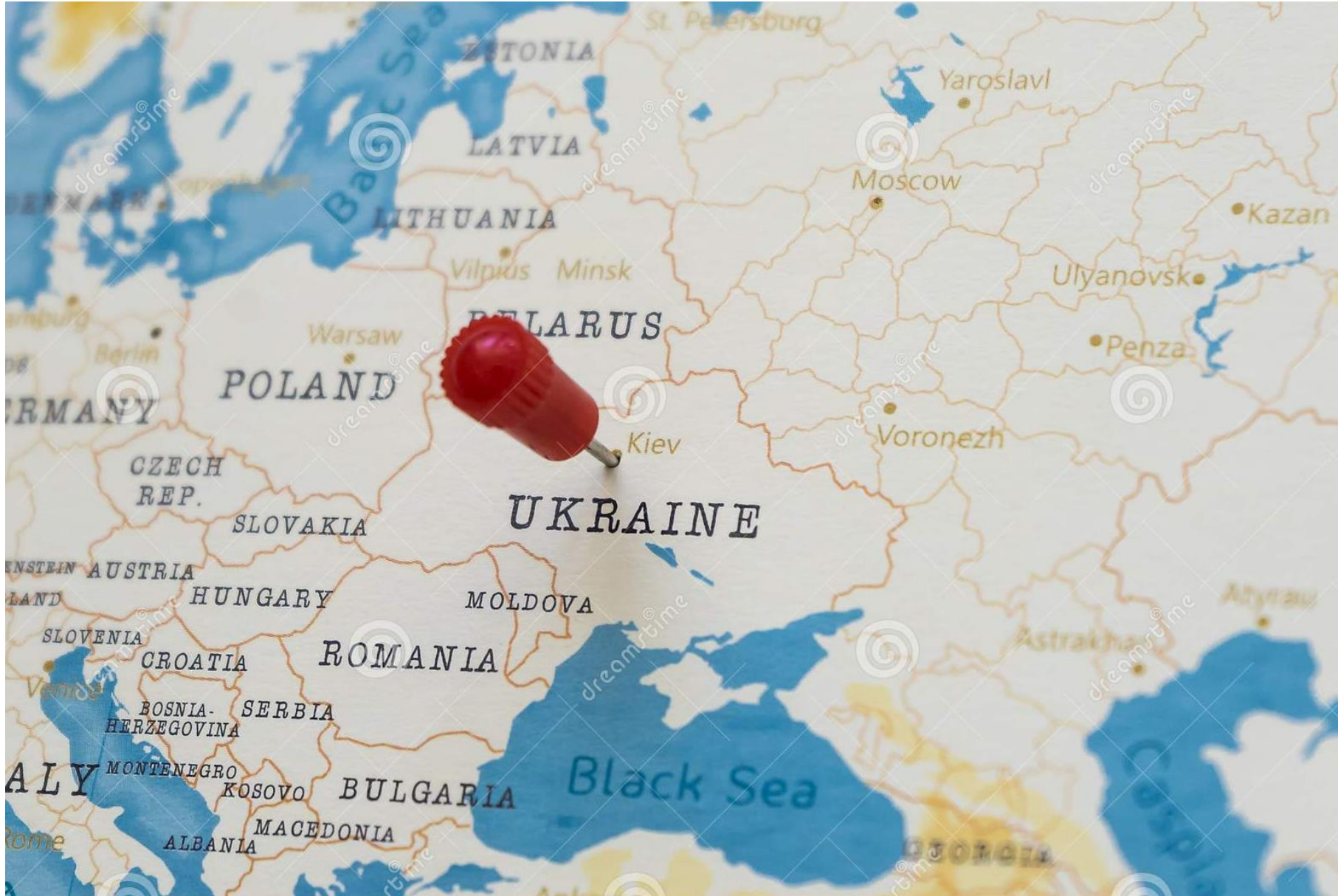
Please take the exit survey.



Volodymyr  
Konovalchuk, Ph.D.

BRIDGES

[www.bridges.com.ua](http://www.bridges.com.ua)





# UKRAINE FACTS

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**41 mln**  
Population

**603,628 km<sup>2</sup>**



**UTC+2[9]  
(EET)**

**hryvnia (UAH)**



**25-30°C**  
Average summer  
temperatures

**up to +22 °C**  
the Black sea water  
**26 - 30°C**  
the Azov sea water

**Kyiv is the capital and a nice modern European city  
with a population of around 3.5 million people**







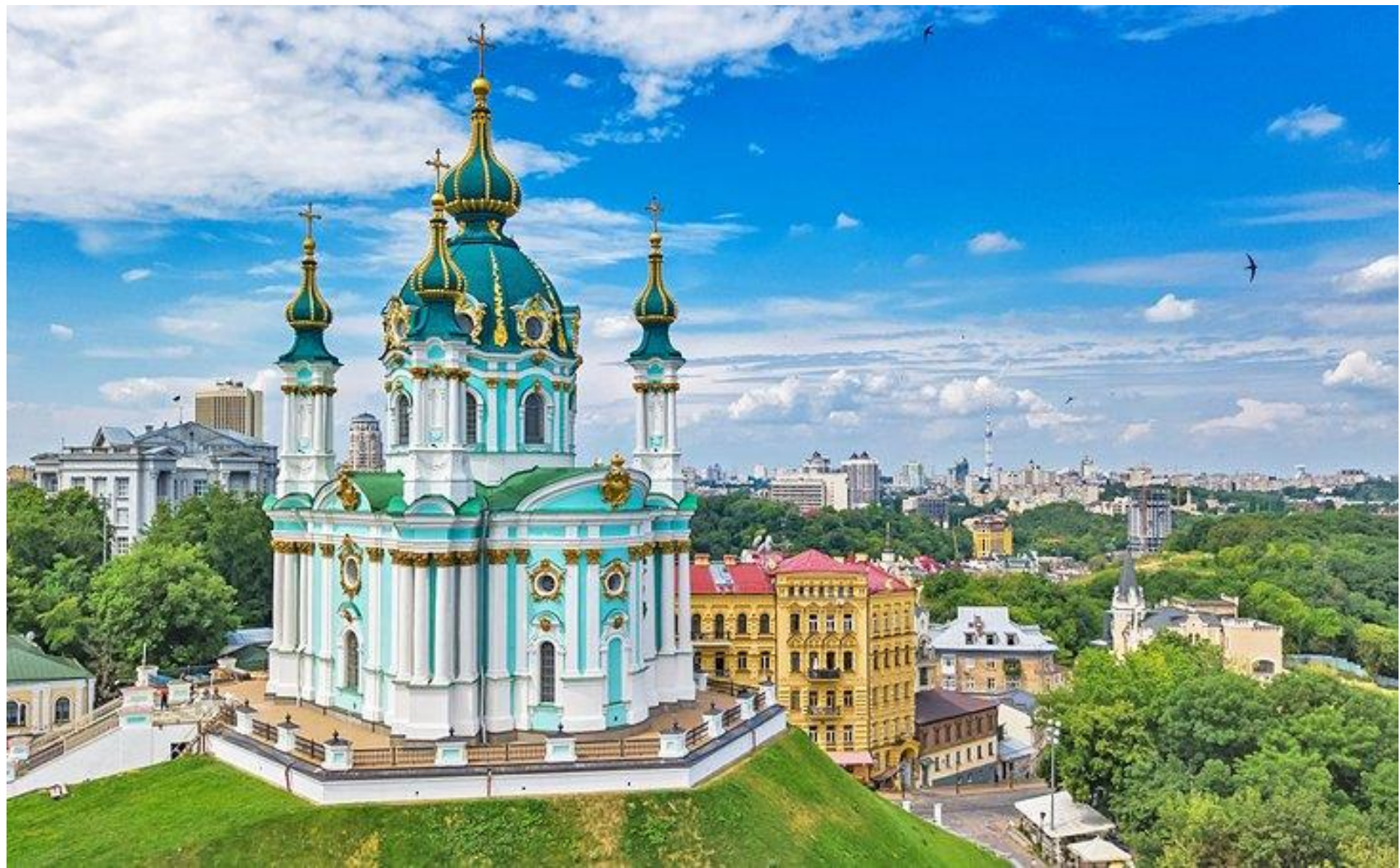
















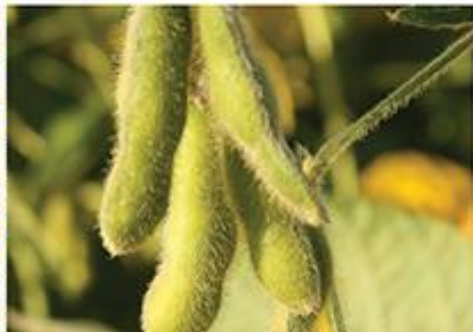




A graphic featuring a map of Ukraine in yellow and Russia in red. The text 'UKRAINE AGRICULTURE' is centered over the Ukraine map. Below the map is a row of four images: sunflowers, soybean pods, a wheat field, and ears of corn. On the left, there are two overlapping teal circles. On the right, there is a thin horizontal line.

# UKRAINE **AGRICULTURE**

RUSSIA





**Agricultural land**

**covers**

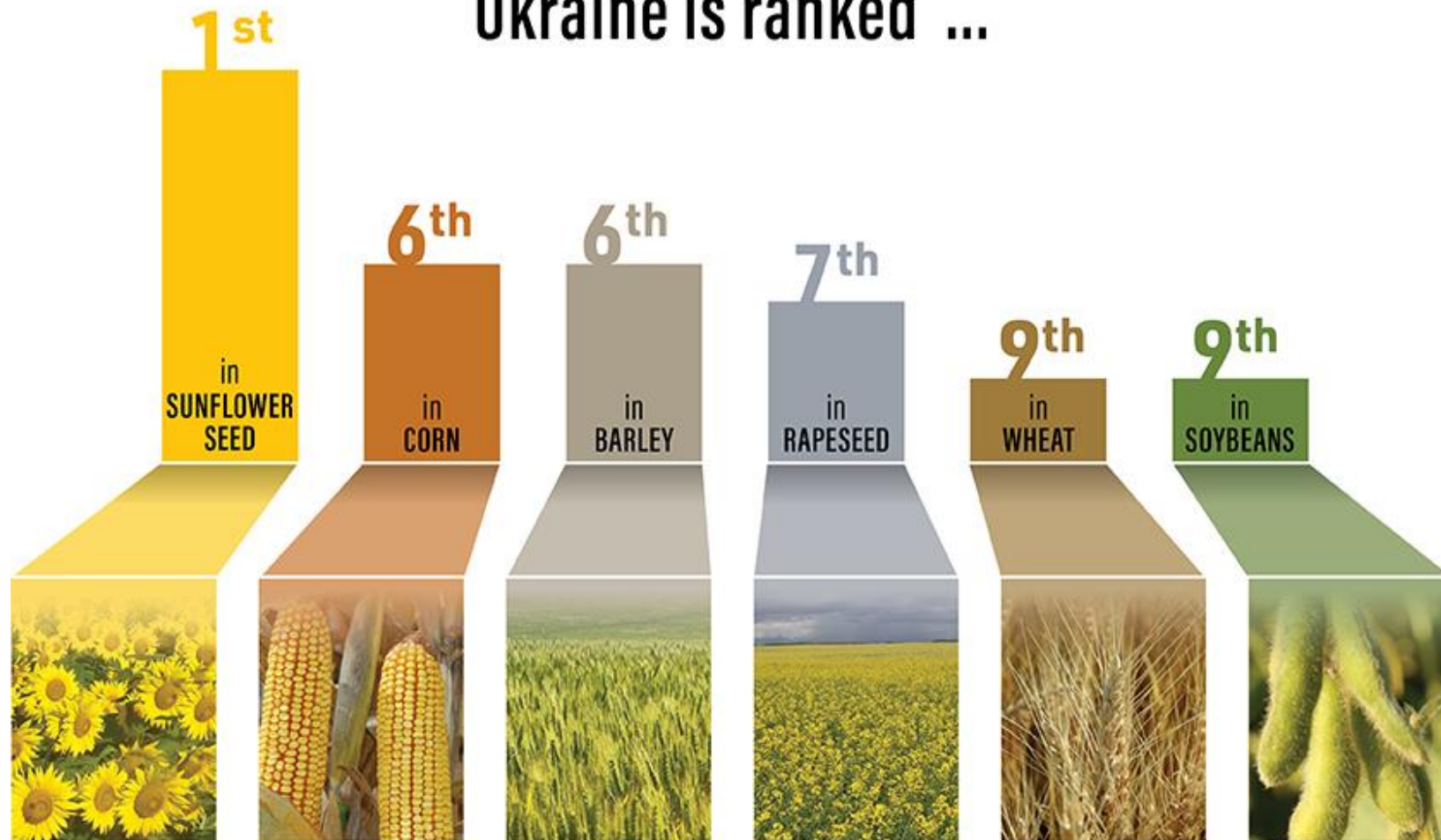
**70%**

**of Ukraine.**

# UKRAINE'S MAIN CROPS ARE SUNFLOWER, CORN, SOYBEAN, WHEAT AND BARLEY

## GLOBAL PRODUCTION

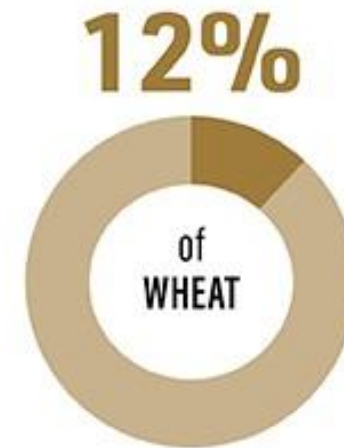
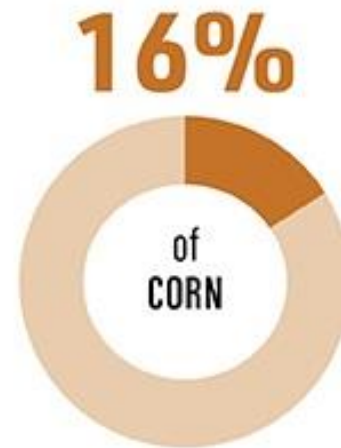
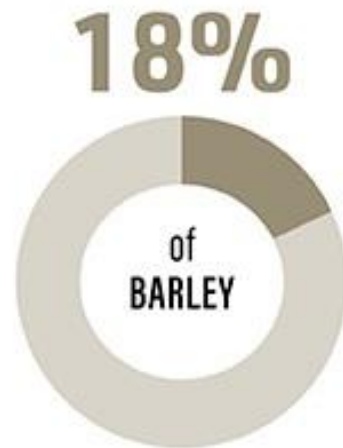
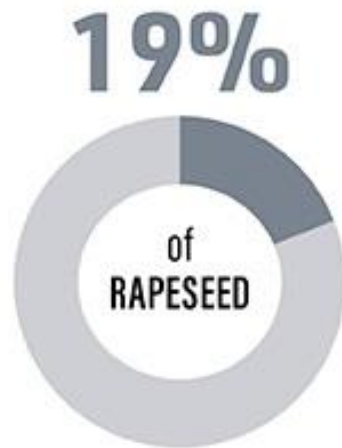
Ukraine is ranked ...



SOURCE: USDA

# GLOBAL EXPORTS

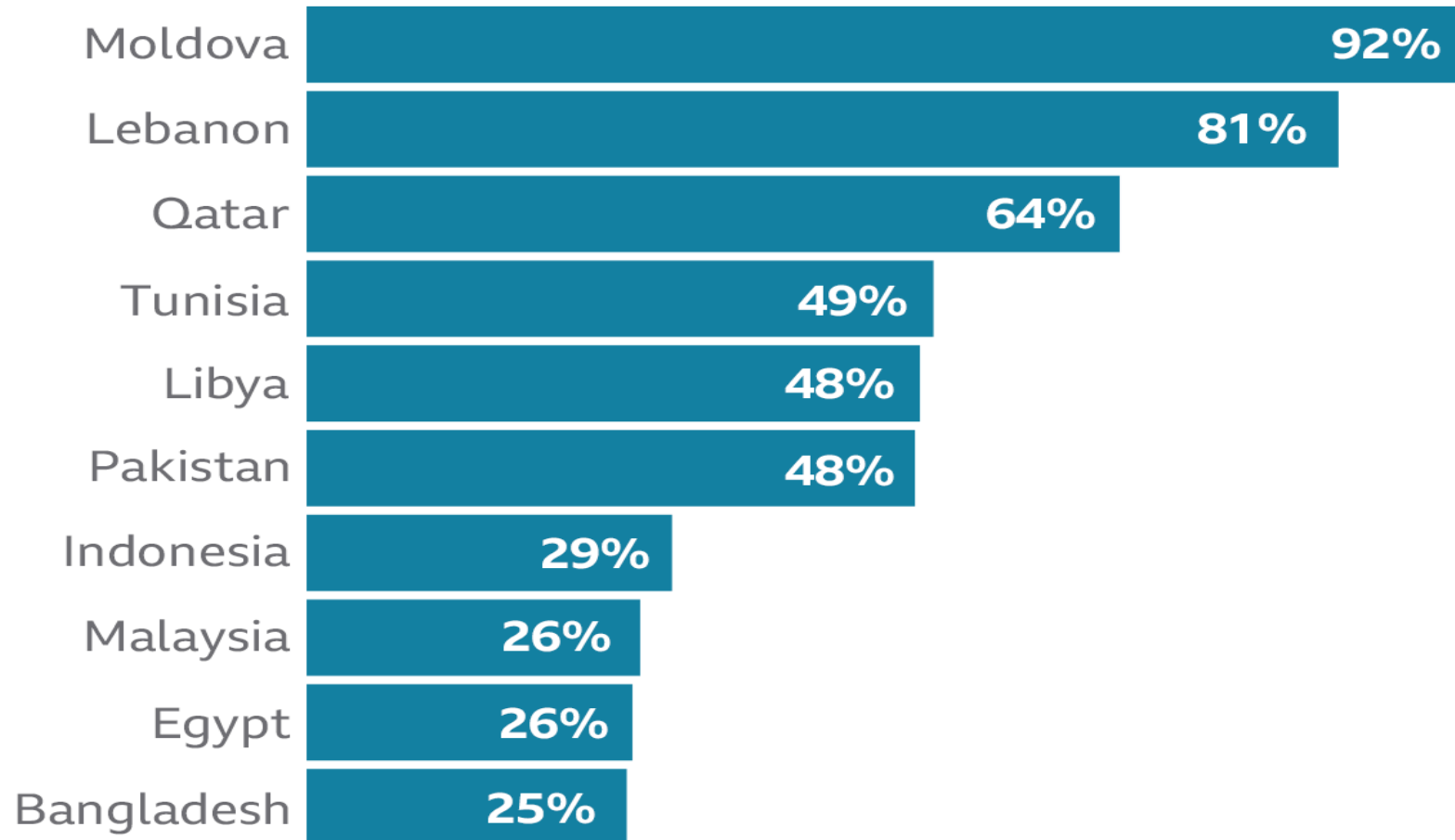
Ukraine accounts for...



SOURCE: USDA

# Ukraine plays crucial role in the global food supply

% of wheat imports sourced from Ukraine



## FAMOUS UKRAINIAN BLACK SOIL





# FARM COMPANIES IN UKRAINE: SOME FARMING MORE THAN 100 THOUSAND HA



# VERTICALLY INTEGRATED AGRICULTURAL COMPANIES: RIVER-SEA BARGE



# GRAIN STORAGE AND TRANSPORTATION BY NIBULON ONE OF LARGER UKRAINIAN GRAIN PRODUCERS



# UKRAINE'S BLACK SEA PORTS ARE BETTER EQUIPPED FOR LOADING GRAIN THAN PORTS IN ROMANIA OR POLAND



## WHAT IS BRIDGES DOING?



**Agriculture became a very important part of Ukraine's economy**

**BRIDGES played an important role in this processes through a number of activities**

# Agricultural Extension support for hundreds of farmers and agricultural companies

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## ONE OF BRIDGES EXPERTS WORKING IN UKRAINE

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## ONE OF BRIDGES AMERICAN EXPERTS WORKING IN UKRAINE

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# Highly tailored agribusiness study tours to the US



# Highly tailored agribusiness study tours to the US



# Educational programs

- Example: BRIDGES Modern Agronomist Program.**
- **Instructors from top US agricultural Universities teaching to Ukrainian farmers and ag businesses**



# Educational programs

## BRIDGES Modern Agronomist Program.



# Educational programs

## BRIDGES Modern Agronomist Program.



# Educational programs

## BRIDGES Modern Agronomist Program.



# Trade Facilitation: trade events



Example:

USDA Agribusiness Trade  
Mission to Ukraine



# Advisory support to the Parliament of Ukraine and Ministry of Agriculture

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*Example:*

Helping Ukrainian government learn US  
regulatory experience





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**ALL THIS WAS BEFORE FEBRUARY 24, 2022...**



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**AND THEN THE WAR STARTED...**

# UKRAINE HAS DEFENDED ITS COASTLINE WITH MINES



# TRUCKS WAITING TO LEAVE UKRAINE CAN STRETCH FOR UP TO 25KM

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## UNPRECEDENTED CHALLENGES FOR THE FARMERS

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Dnipro region.  
Harvest 2022

## A FARMER WEARS BODY ARMOR DURING SPRING SOWING IN THE ZAPORIZHZHIA REGION

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## FIELD OF ONE OF THE FARMS WE WORK WITH

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## FIELD OF ONE OF THE FARMS WE WORK WITH

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Thank you!

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Volodymyr Konovalchuk, Ph.D.  
BRIDGES

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e-mail: [vkonovalchuk@bridges.com.ua](mailto:vkonovalchuk@bridges.com.ua)

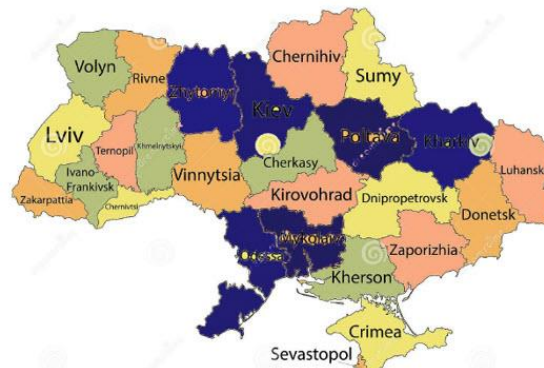
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