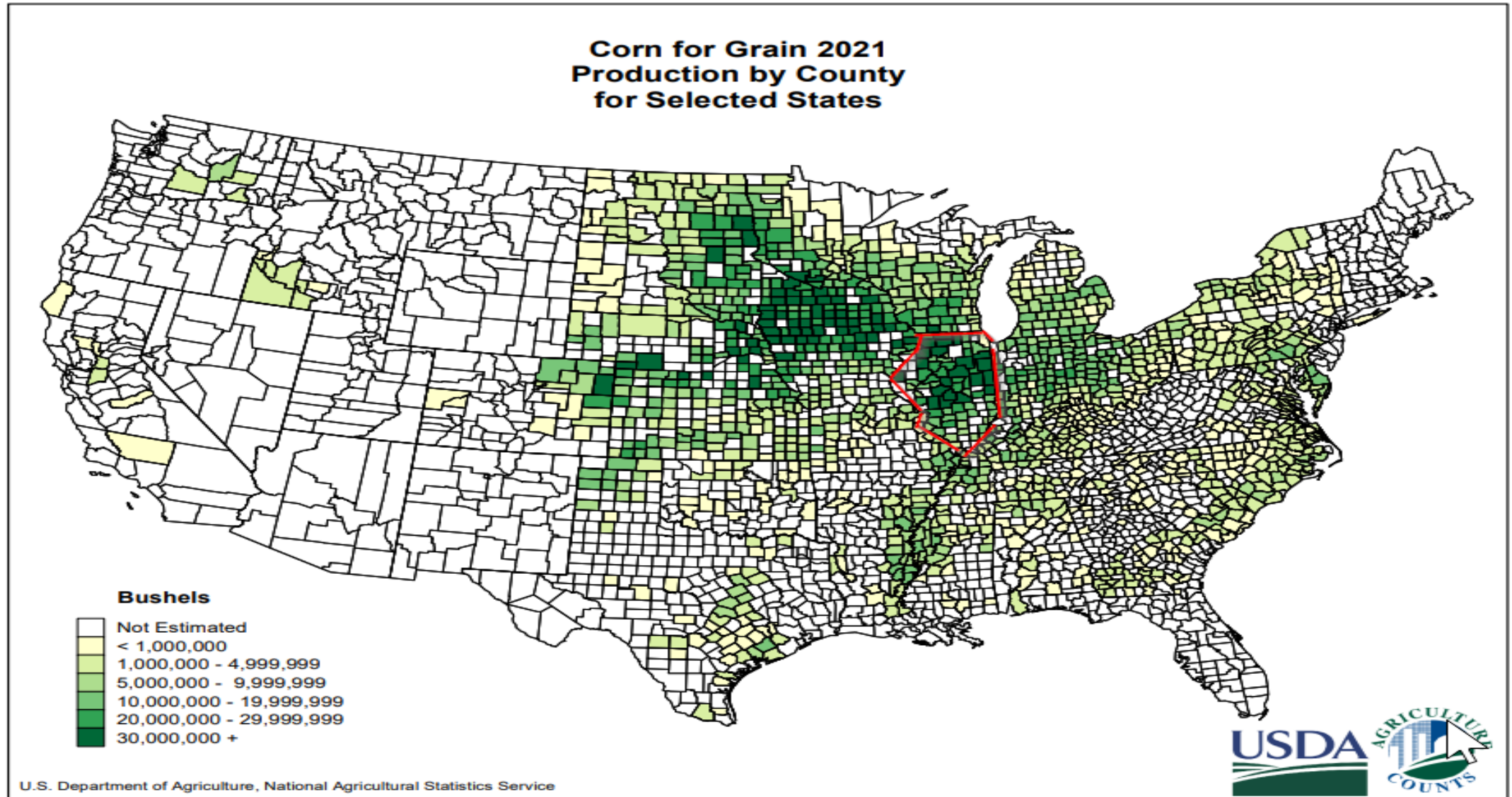


# Illinois: From Our Farm To Your Doorstep

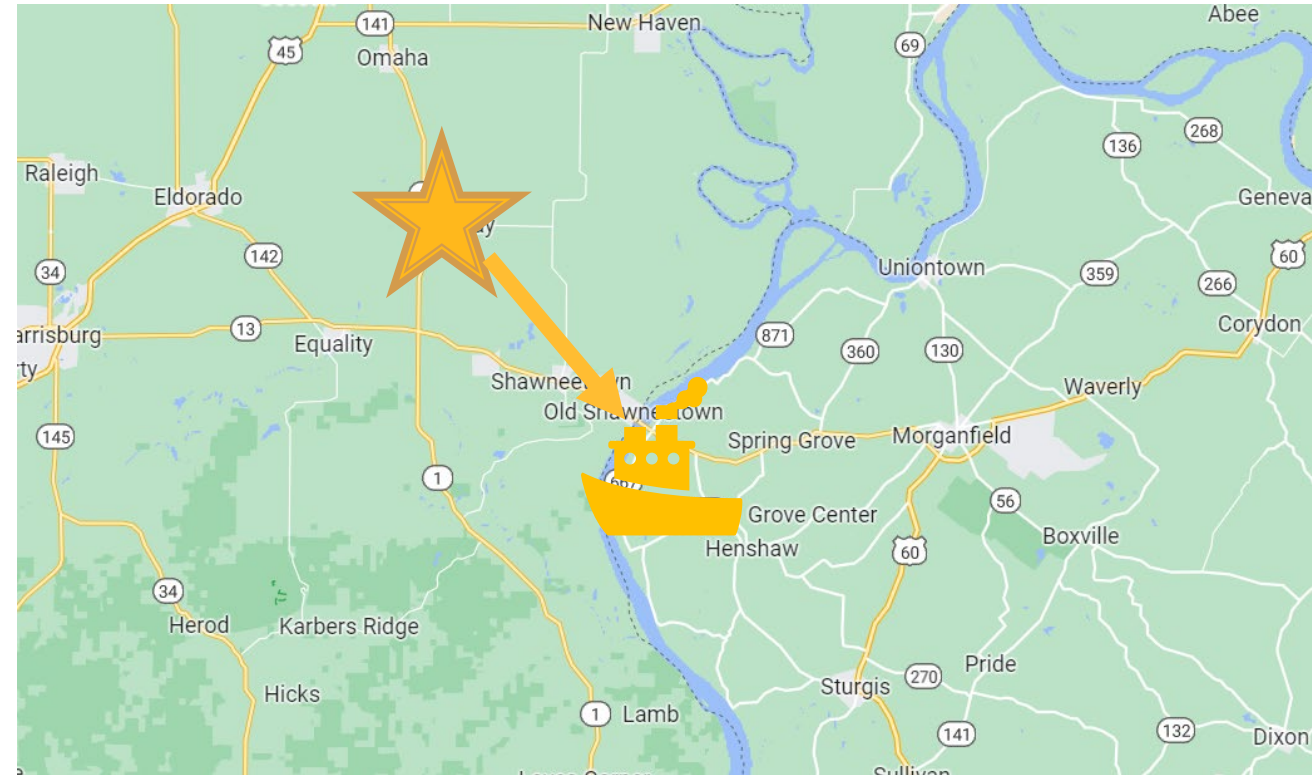
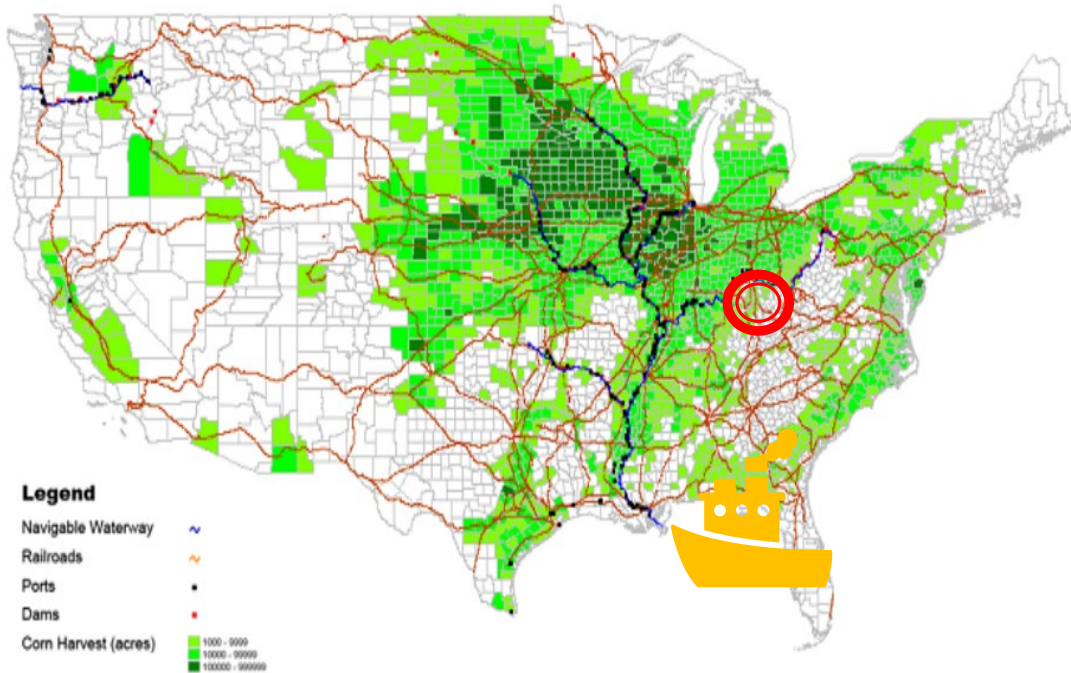


# US Corn Production





# Raben Family Farm Marketing Channel



# Raben Family Farm

- 2,776 hectare family farm
  - 915 hectares corn
  - 1,861 hectares soybeans
- Inbound truck capacity of 250mt/hour
- Dryer capacity of 50-60mt/hour
- Storage of 10,569mt
  - On site 8,588mt
  - Off Site 1,981mt





# Farming Practices

- Fertilizer
  - Fertilizer Precision Application
  - Optional nitrogen level – produces a harder corn with more starch
- Fungicide application
- Insecticide application





# Farming Practices

- Soil conservation
  - Tillage Practices
    - No till
    - Minimum tillage
    - Water management
    - Indigo Ag – Carbon Markets
    - GREET Model – Life Cycle Analysis





# Corn Hybrids

- Raben Farms plants 70% Becks Hybrids, 20% Pioneer Hybrids, and 10% others. WHY?
- High yields
- Standability – Severe weather events
- Shorter stalk, allow more energy to be focused on the endosperm.
  - More starch!
- Seed treatment
- Research transparency
- Work with the ethanol industry to improve starch production.



# Grain Handling



- Harvest Timing
  - Don't harvest corn to wet.
- Allow corn to dry in the field if weather allows.
- Dry corn with minimum heat and cool down slower. Reduce cracked corn.
  - Adequate aeration
  - Inspect grain bins weekly
- Plant Health + Grain Management = Improved Starch Content





# Raben Family





# Raben Family



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# Raben Family



# BUILDING RELATIONSHIPS

Together we can shape the future of ethanol and sustainable aviation fuel globally and beyond.

U.S. Corn Producers and Ethanol producers are fully committed to supporting the Japanese customers growth and decarbonizing goals through an immediate, low carbon solution.

Being a farmer doing the right thing for our environment, our communities, and our families. Mine and Yours.



## THANK YOU

