



VIRGINIA TECH.

# ISTRO2024: WELCOME!

International Soil Tillage Research Organisation  
23 September 2024



VIRGINIA AGRICULTURAL EXPERIMENT STATION  
EASTERN SHORE AGRICULTURAL  
RESEARCH AND EXTENSION CENTER  
VIRGINIA TECH.

# *Living Roots, Living Soil*

- Tillage
- Soil tilth/quality
- Cover crops
- Plant health
- Microbial communities
- Environment

# ISTRO 2024

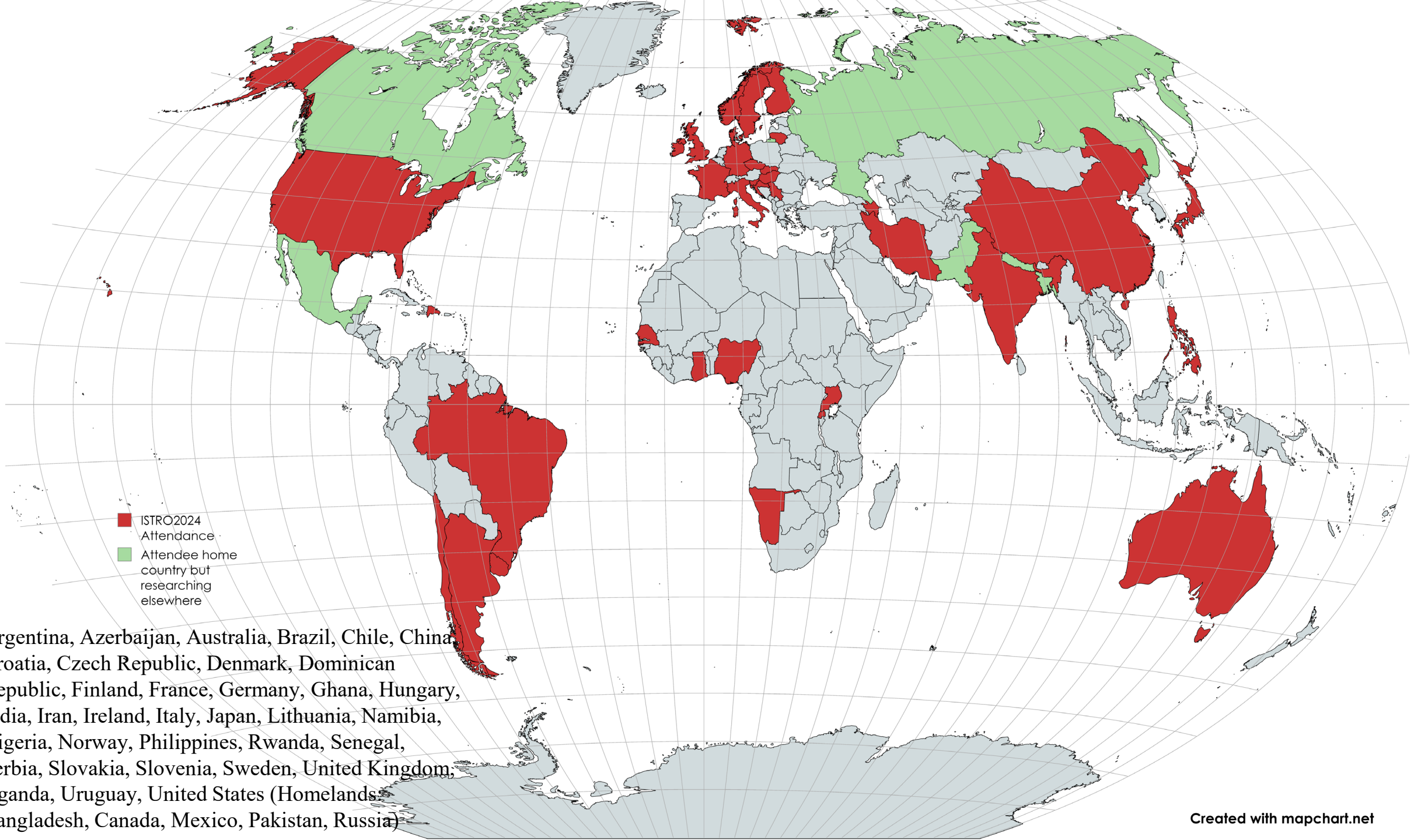
Sep 23 - 27, 2024  
Virginia Beach, VA  
USA

*Living Roots. Living Soil*



**ISTRO**

International  
Soil and Tillage  
Research Organisation



# ISTRO2024 SPONSORS

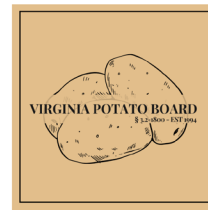
## DIAMOND



## GOLD



## SILVER



## LUNCH / BREAKFAST



## STUDENT AWARDS



# Join ISTRO

- Welcome to our new members
- 45 new members paid with registration
- Click on this QR code to send your information to ISTRO
- ISTRO Treasurer will contact you to pay for journals
  - Dr. Steve Prior



# Local Planning Committee

- Mark Reiter
  - ISTRO President
  - Director/Professor, Eastern Shore AREC
- Hélène Doughty
  - ISTRO Event Project Manager
  - Ag Extension Agent, VA Coop. Extension, Northampton County
- Belinda Sterling
  - ISTRO Event Fiscal Manager
  - Office and Admin. Assist., Eastern Shore AREC
- John Mason
  - ISTRO AV Specialist
  - Soils and Nutrient Management Research Specialist, Sr., Eastern Shore AREC



# Local Planning Committee

- Roy Flanagan – Field Tour
  - Ag Extension Agent – Virginia Beach
- Ursula Deitch – Field Tour
  - VA Dept. Ag and Consumer Services
- Ryan Stewart – Proceedings/Editor
  - Soil & Tillage Res. J. Special Edition Editor
  - Associate Professor
  - School of Plant & Environmental Sciences, Virginia Tech
- Vijay Singh – Student Contest
  - Assistant Professor
  - Eastern Shore AREC, Virginia Tech
  - Weed Science and UAV Technologies



# Logistics

- Breaks: In Foyer
- Moderator Duties
  - Keep your session on-time
  - Announce your speakers
  - Assist with presentation upload
    - USB drives
    - [ISTRO2024@vt.edu](mailto:ISTRO2024@vt.edu) downloads
  - 15 minutes for presentation
  - 5 minutes for questions and transition
- Poster Duties
  - Place poster on display before 8:00 am
  - Be present during presentation times (2-hours total)
  - Remove poster after 5:00 or 7:00 pm (depending on day)

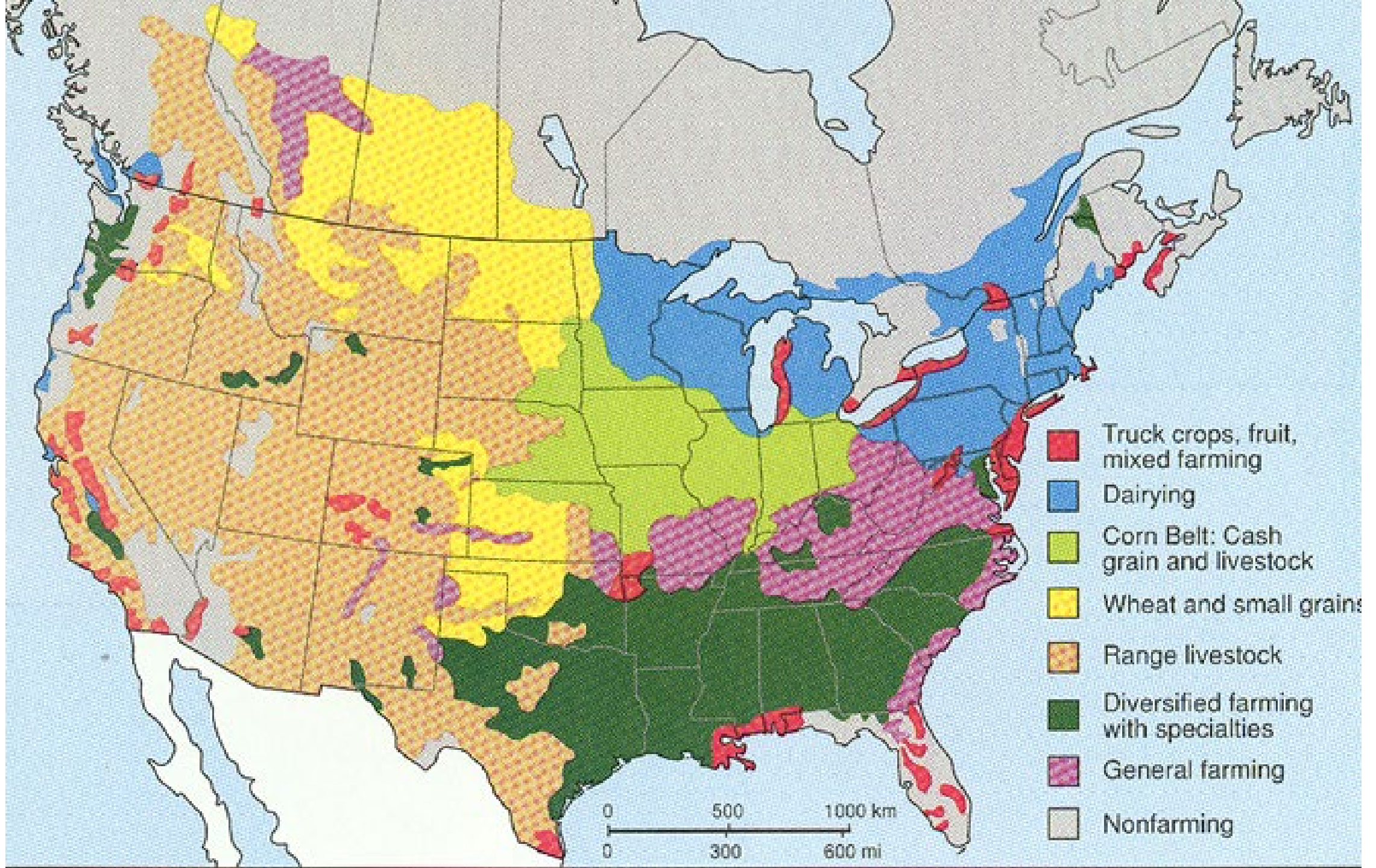




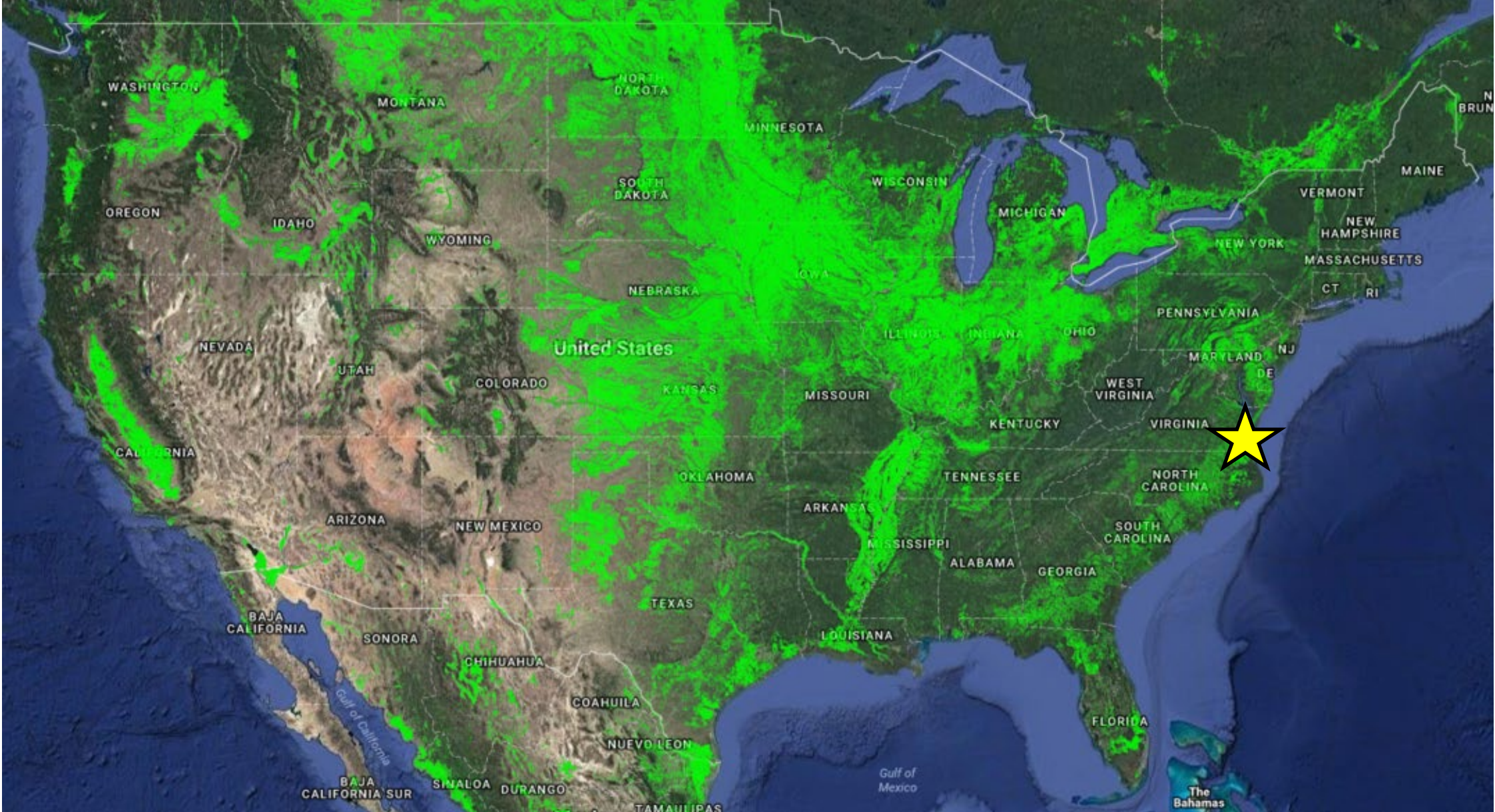
# Restaurants/Rideshares, Tours, and Dinner Cruise

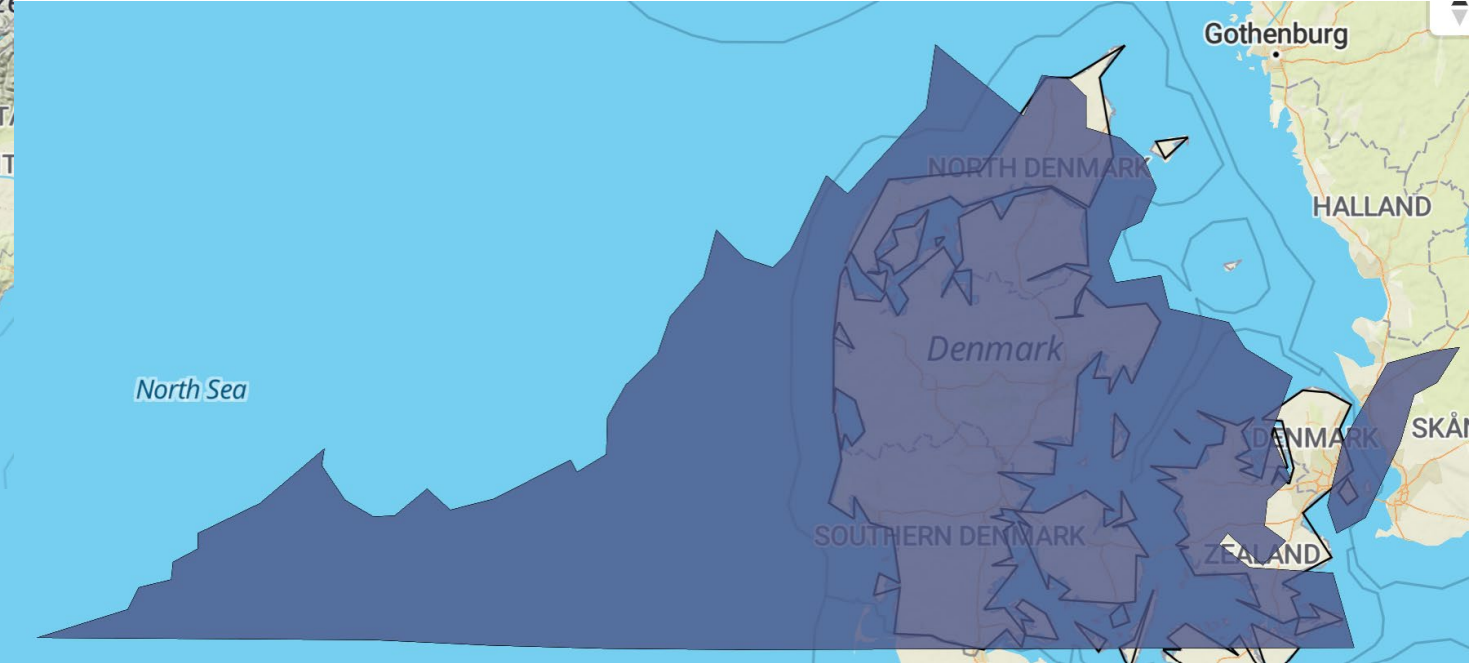
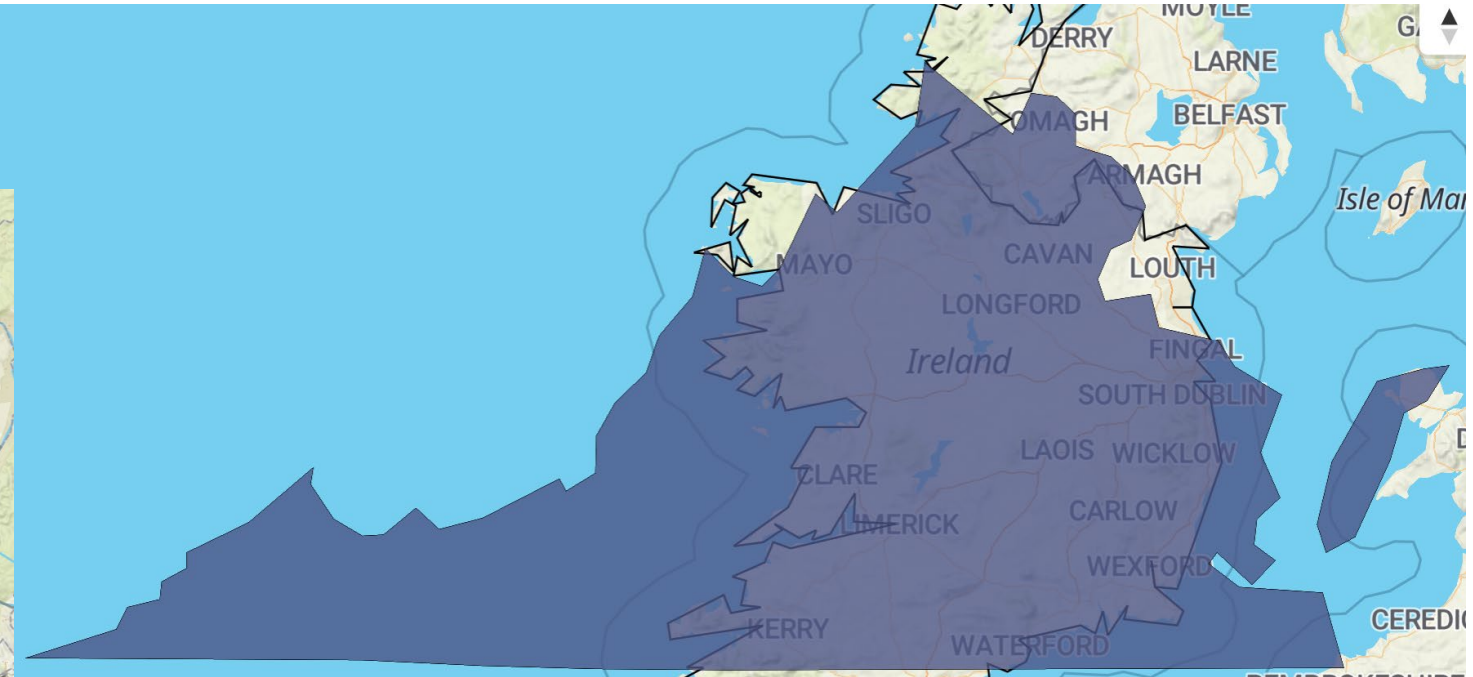
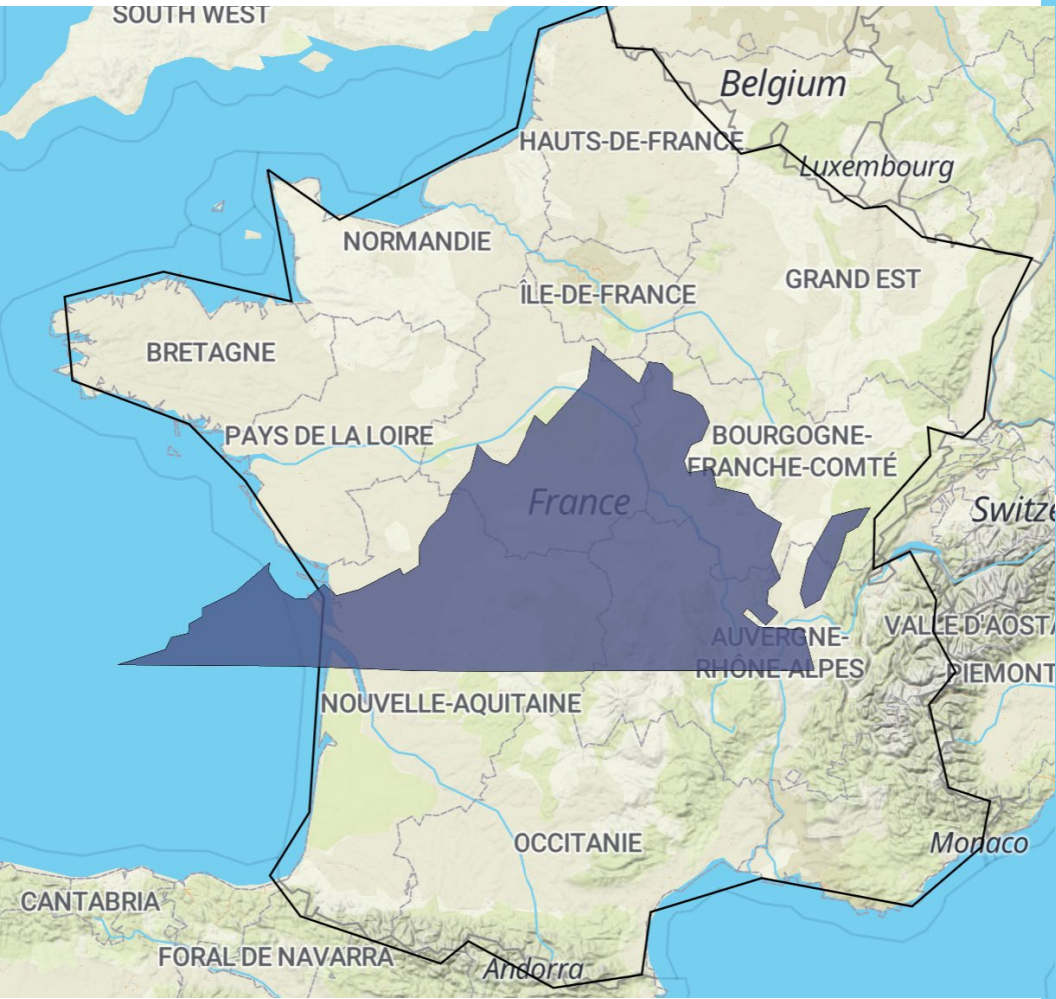
- Tip your servers and rideshare drivers
  - 18% tip is customary.
  - We do not include “tip” in the bill.
- Be on time
- We will leave you
- Wednesday Tours:
  - 3 buses start loading at 8:00 am and depart by 8:30 am (2 Eastern Shore and 1 Southeast VA)
  - 1 bus will start loading at 8:30 am and depart by 9:00 am (Southeast VA)
- Thursday dinner cruise
  - Bus starts loading at 5:15 pm and leaves Wyndham hotel at 5:30 pm



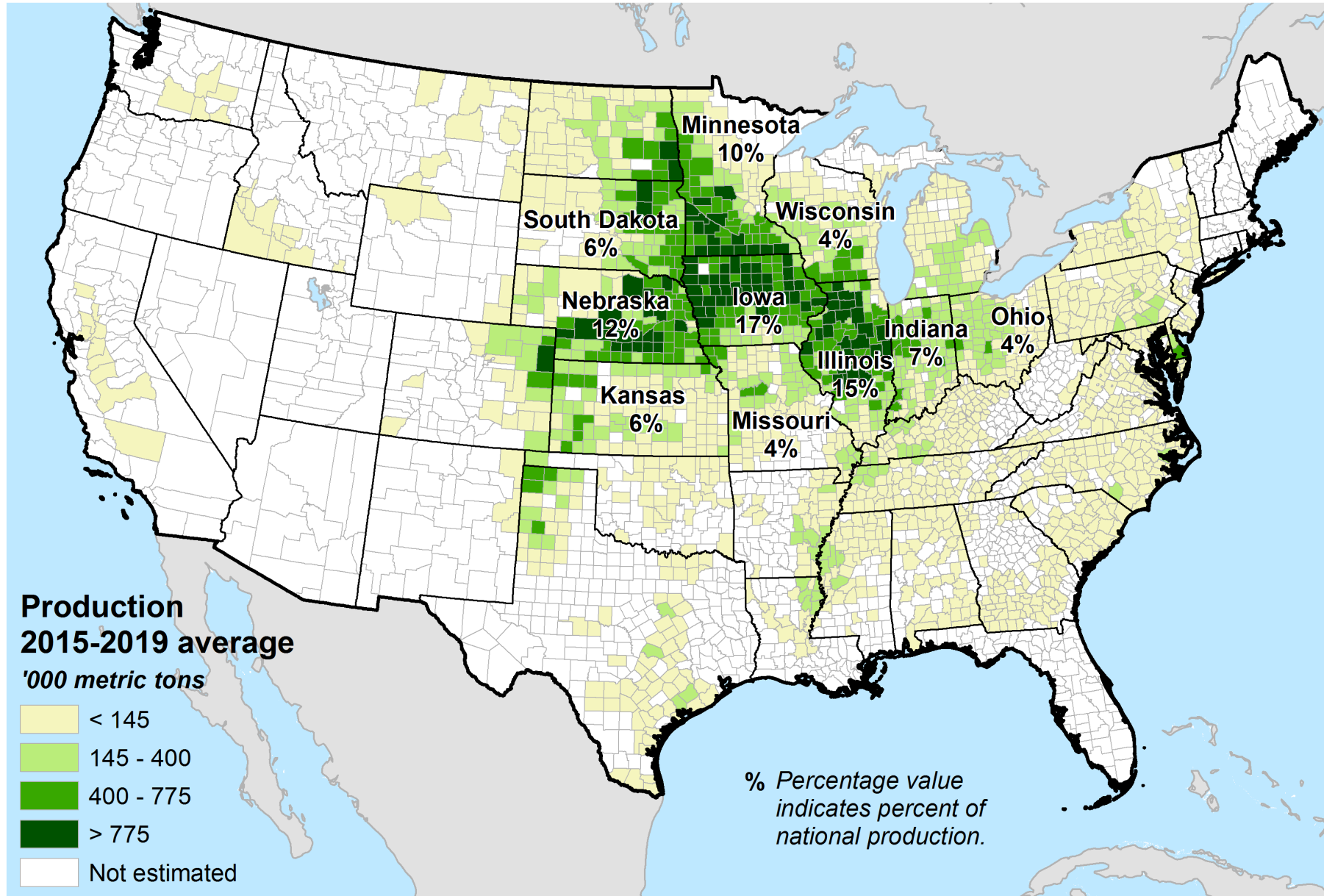


# Map of Croplands in the U.S.

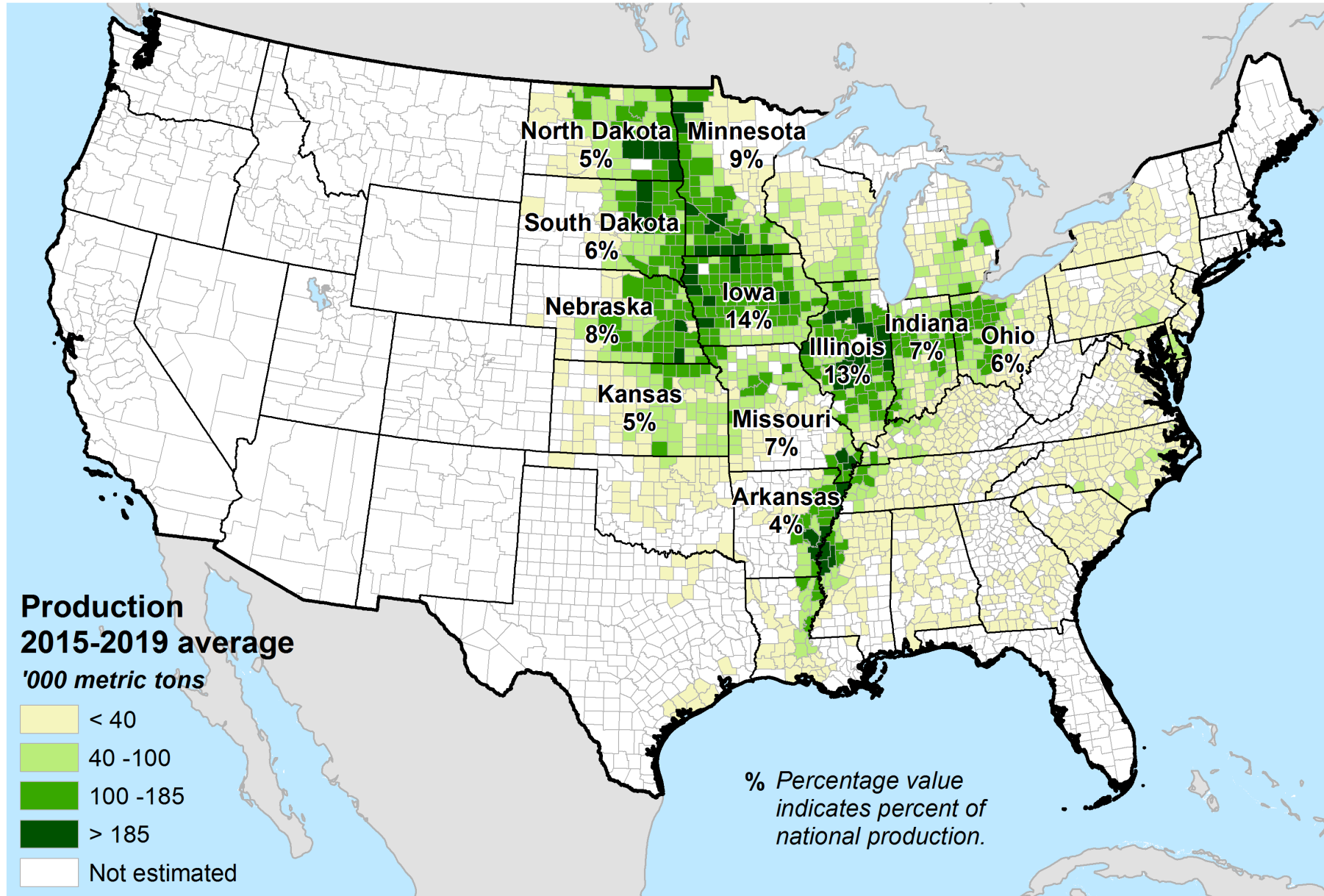




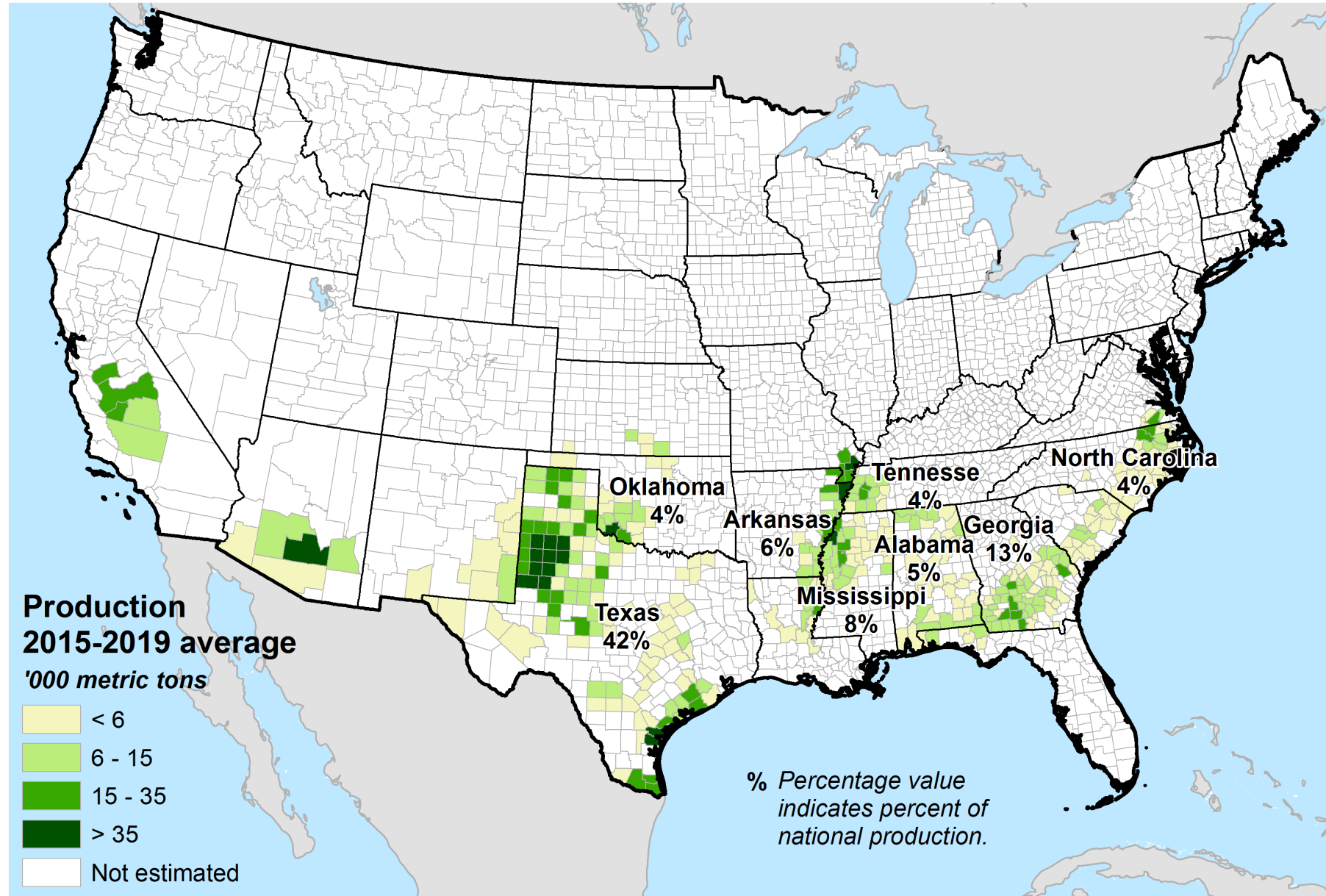
# United States: Corn Production



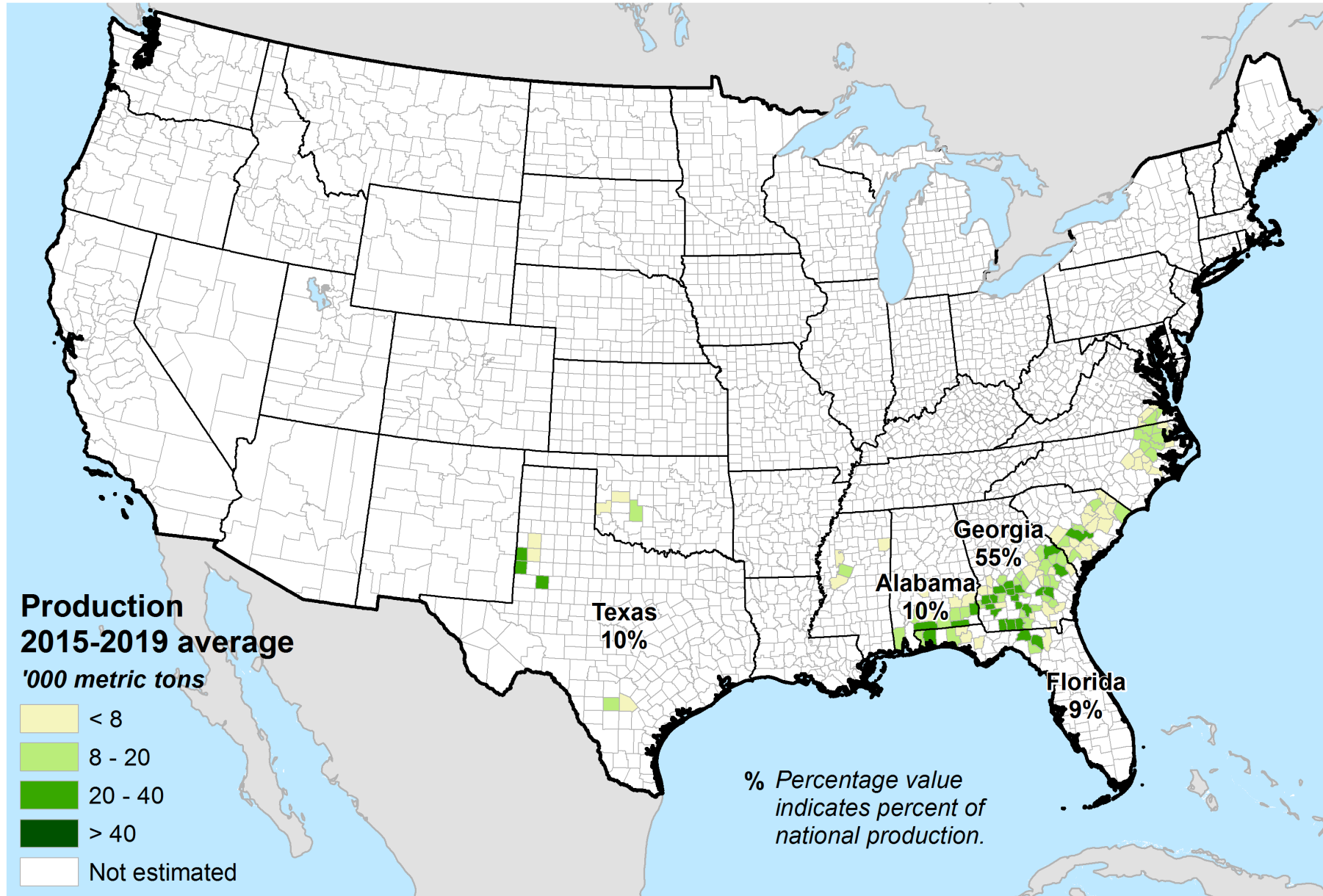
# United States: Soybean Production



# United States: Cotton Production

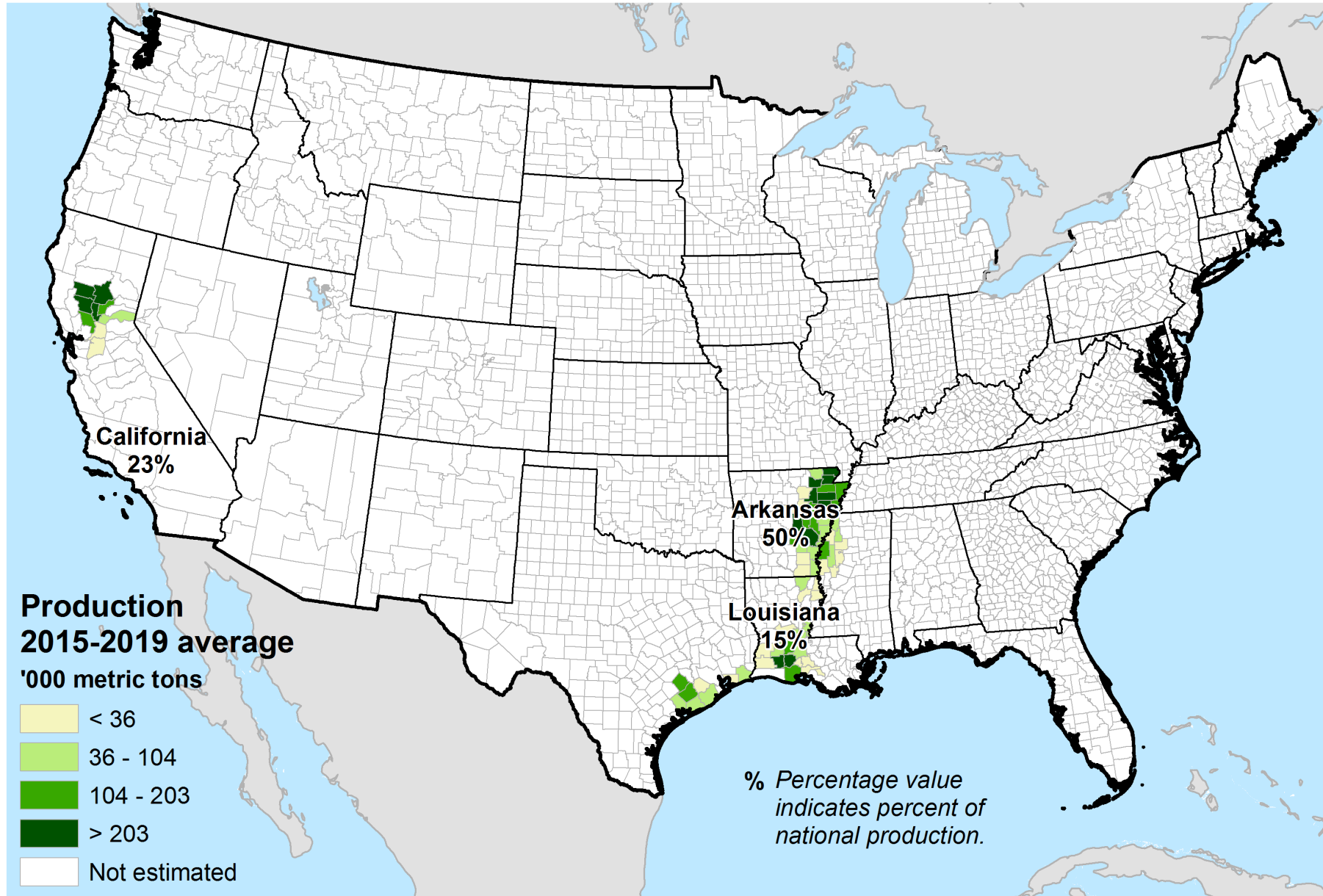


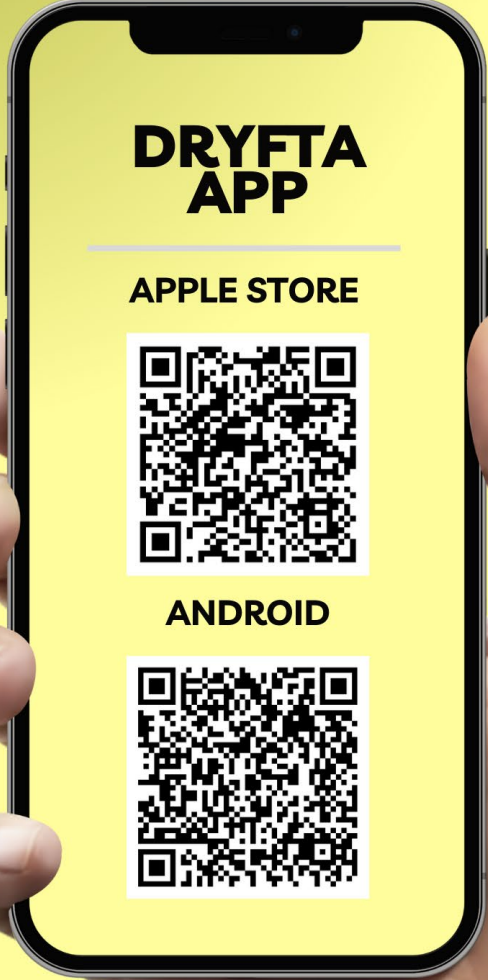
# United States: Peanut Production





# United States: Rice Production

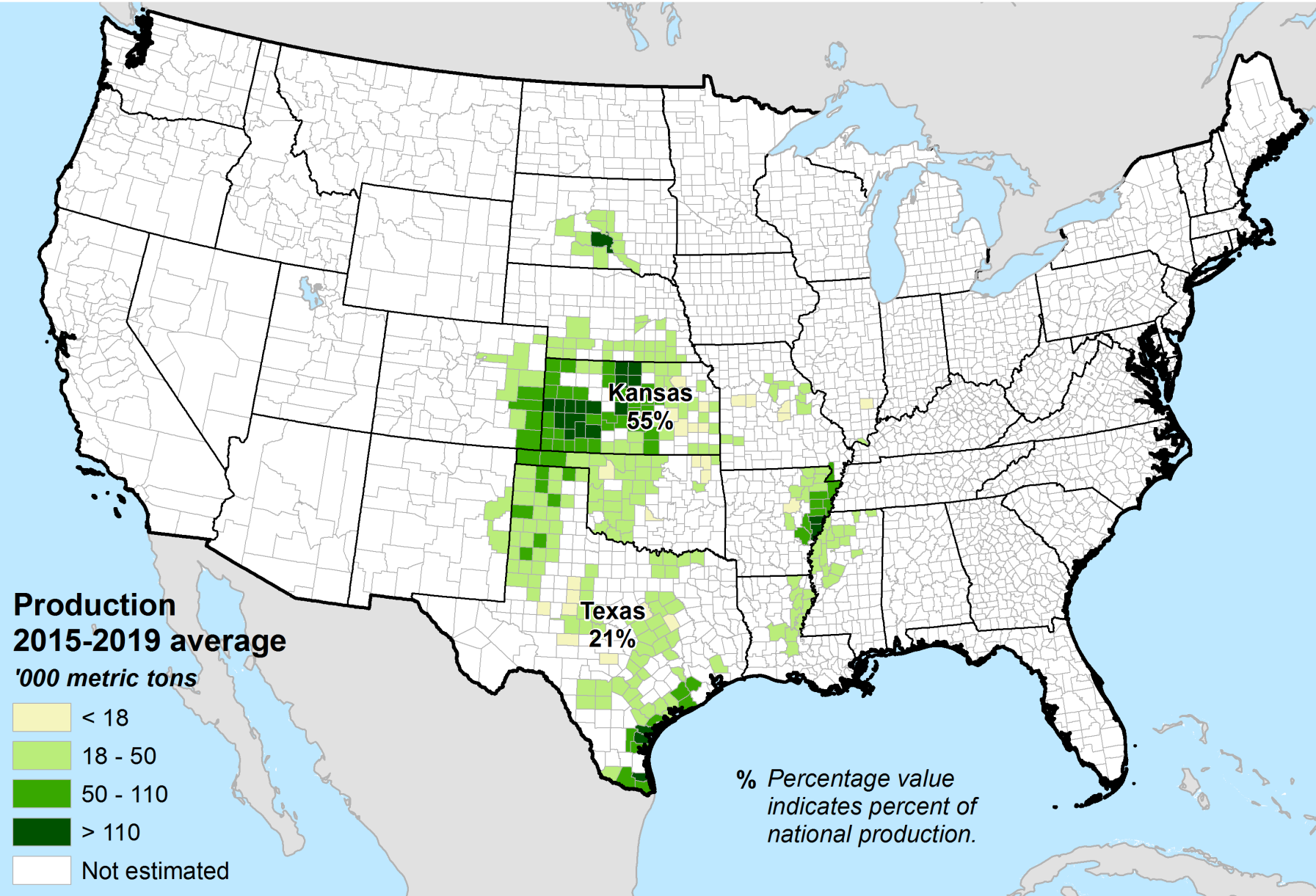




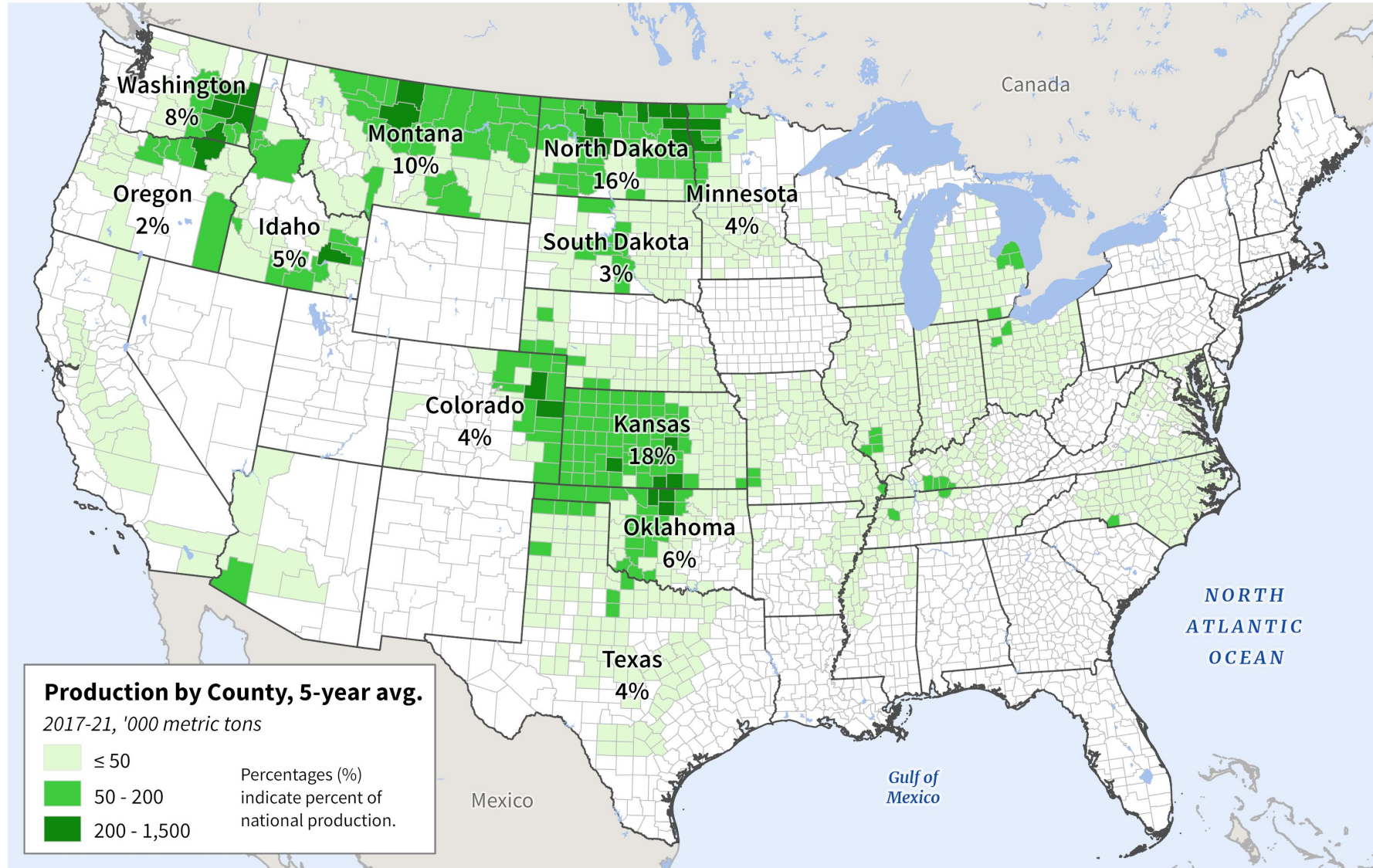
# DOWNLOAD THE CONFERENCE APP

Download the  
app now and  
build your  
conference  
your way!

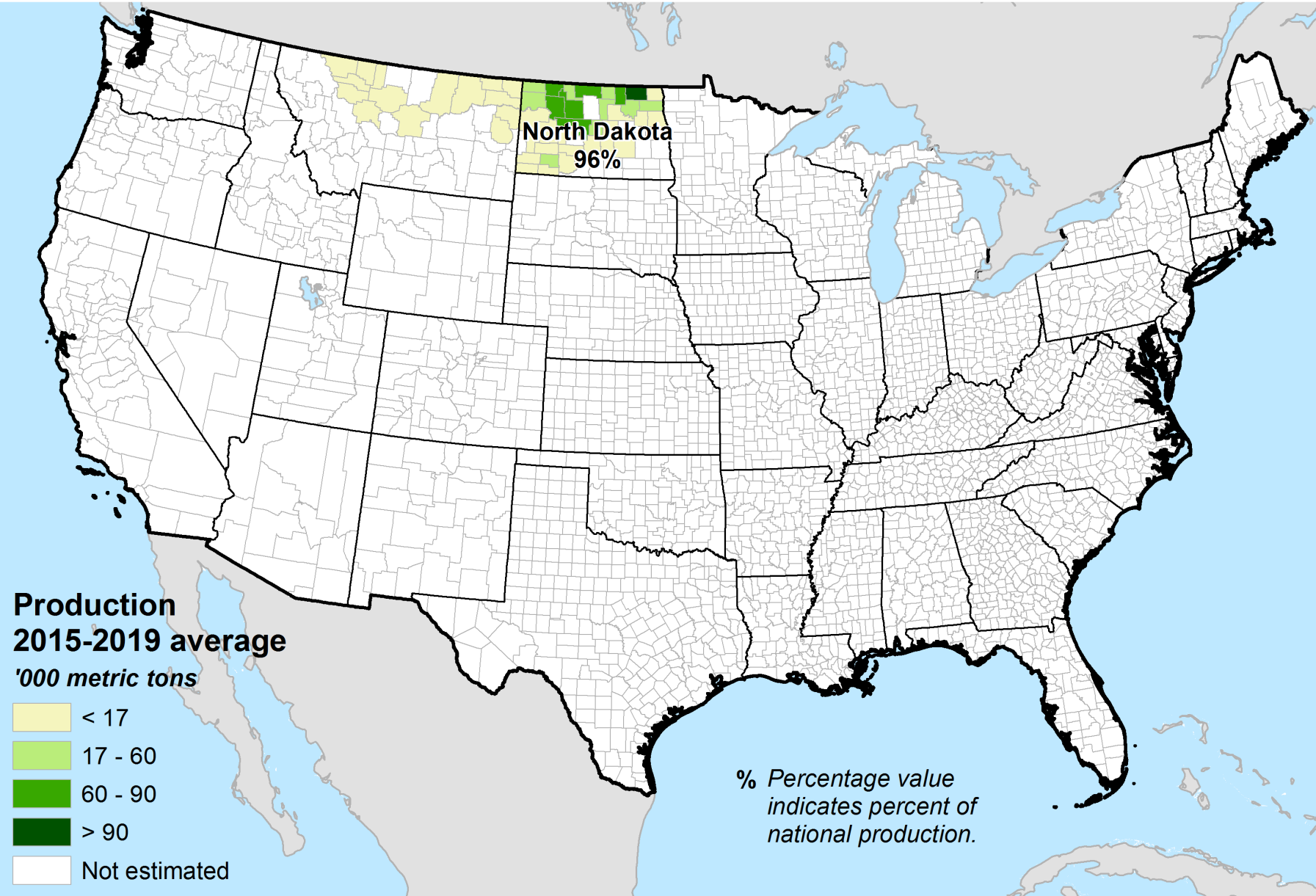
# United States: Sorghum Production



# United States: Wheat Production

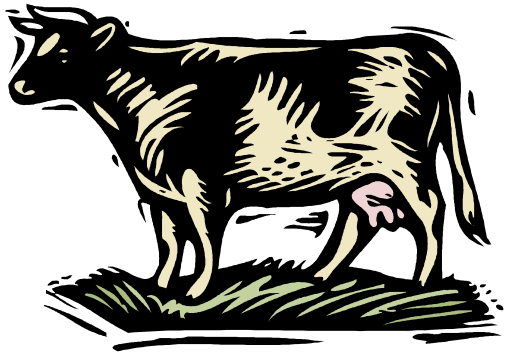
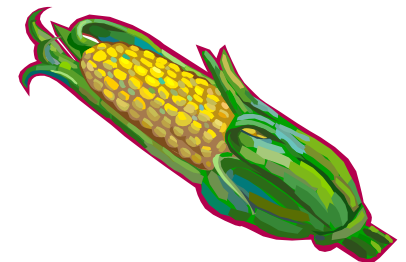


# United States: Rapeseed Production



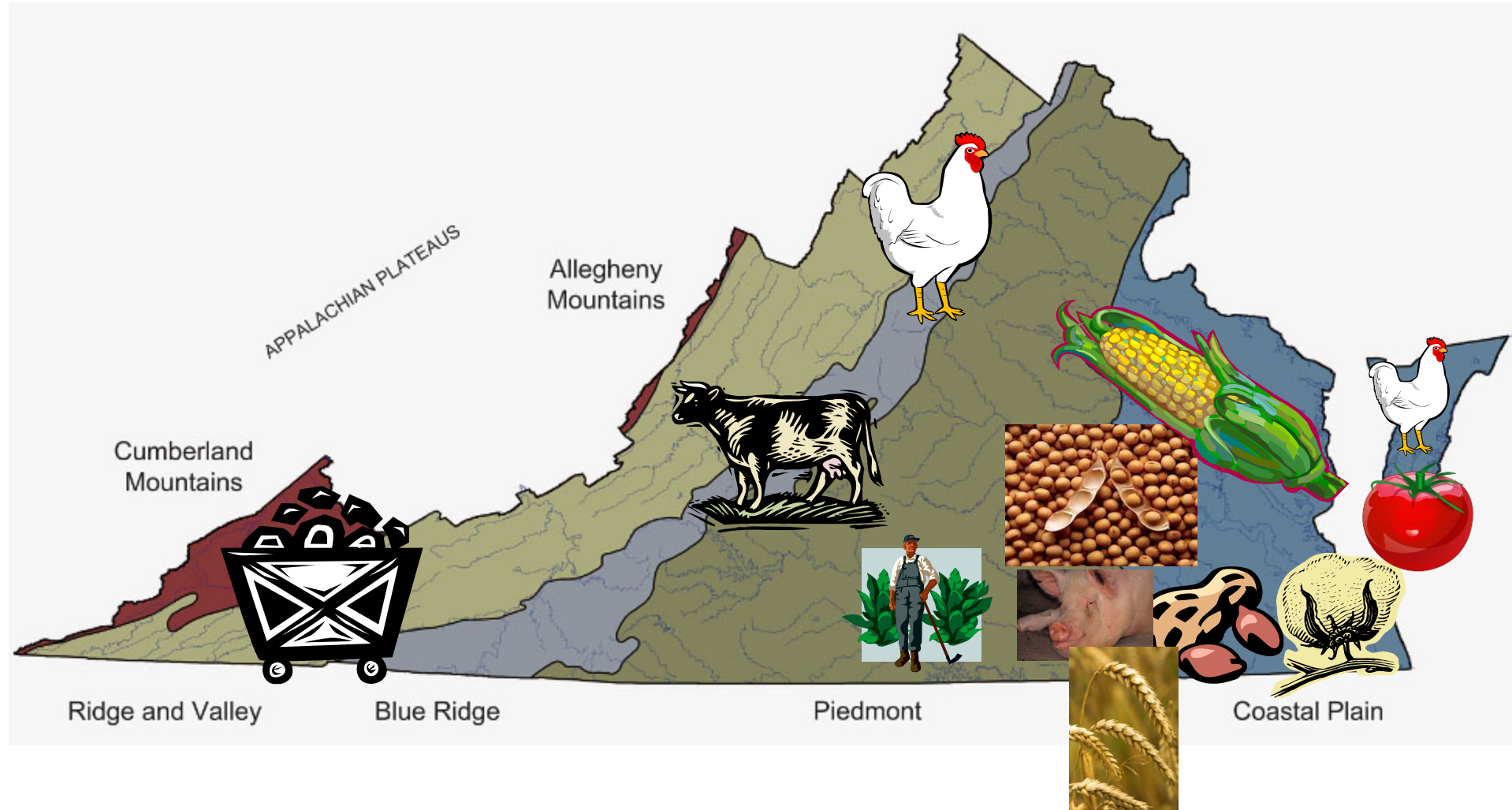
# Virginia Ag Facts

RANK	COMMODITY	CASH RECEIPTS (\$)
1	Broilers	1,602,080,000
2	Cattle and Calves	482,253,000
3	Turkeys	453,838,000
4	Dairy Products, Milk	395,640,000
5	Soybeans	351,660,000
6	Miscellaneous Crops*	343,450,000
7	Corn	325,076,000
8	All other animals and products**	255,300,000
9	Floriculture	143,702,000
10	Chicken Eggs	139,161,000
11	Hay	132,975,000
12	Wheat	75,982,000
13	Hogs	74,269,000
14	Cotton lint, Upland	72,970,000
15	Tobacco	72,249,000
16	Apples	66,279,000
17	Peanuts	33,140,000
18	Cottonseed	14,614,000
19	Pumpkins	11,614,000
20	Trout	2,219,000



Source: USDA ERS data as of Feb. 7, 2024

# Virginia Regions



# Virginia Agricultural Experiment Station and its Agricultural Research and Extension Centers

★ Virginia Agricultural Experiment Station - *Blacksburg*

■ Alson H. Smith, Jr. AREC - *Winchester*

● Eastern Shore AREC - *Painter*

▲ Eastern Virginia AREC - *Warsaw*

◆ Hampton Roads AREC - *Virginia Beach*

▼ Middleburg AREC - *Middleburg*

■ Reynolds Homestead Forestry Resources Research Center - *Critz*

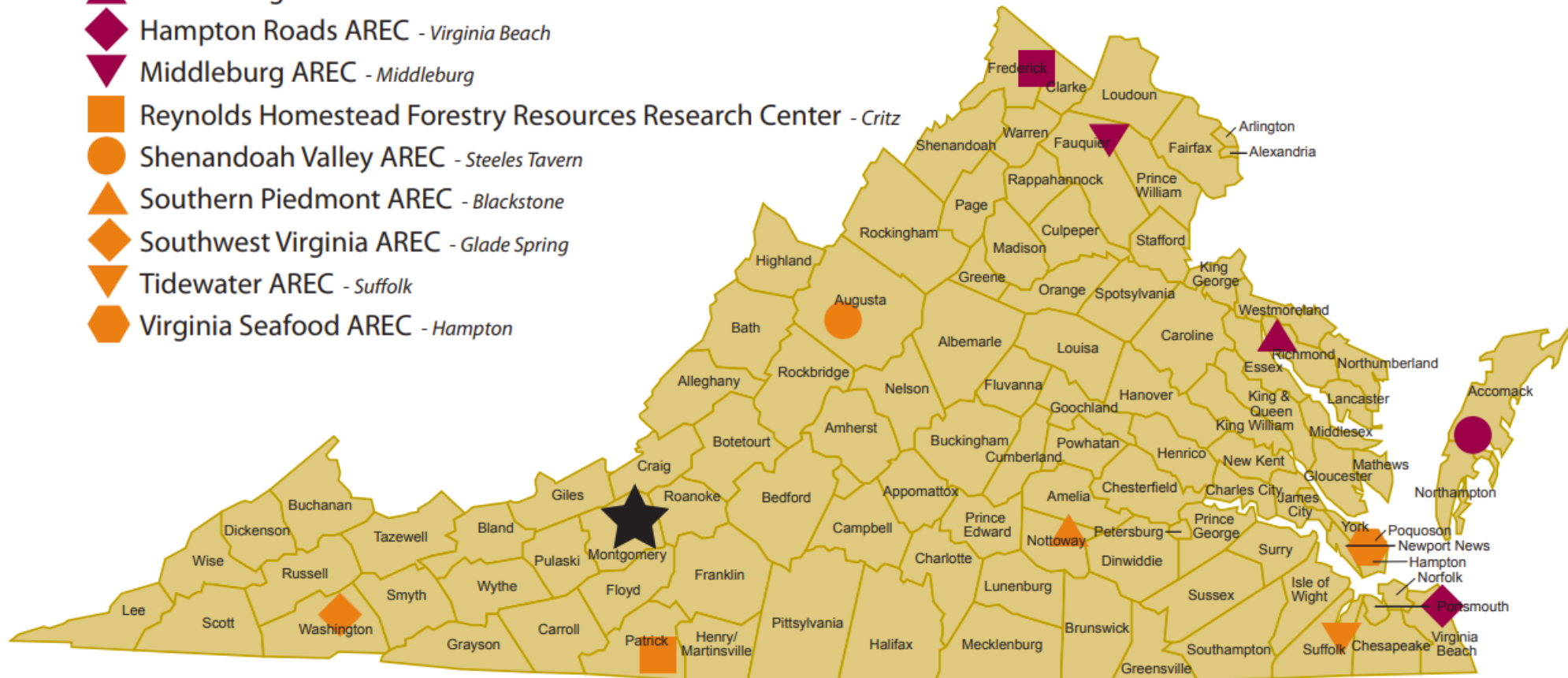
● Shenandoah Valley AREC - *Steeles Tavern*

▲ Southern Piedmont AREC - *Blackstone*

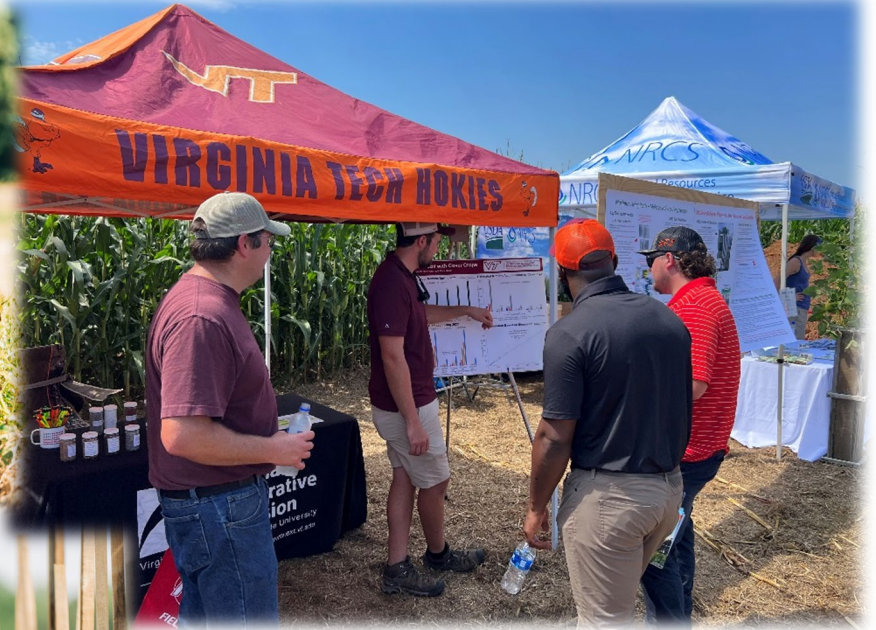
◆ Southwest Virginia AREC - *Glade Spring*

▼ Tidewater AREC - *Suffolk*

◆ Virginia Seafood AREC - *Hampton*







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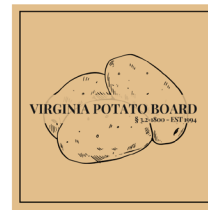


## GOLD



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## SILVER



## LUNCH / BREAKFAST



## STUDENT AWARDS





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Thank You!



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