

## **Wisconsin Ag in the Classroom**

### ***Growing Wisconsin* Lesson Plan and Activity Guide 2021-2022**

*Growing Wisconsin* is distributed annually by the Wisconsin Department of Agriculture, Trade and Consumer Protection. To download the book or learn more visit <https://farmflavor.com/wisconsin-agriculture/> Copies made be obtained from DATCP's Marketing Department or Wisconsin Ag in the Classroom. Learn more about Wisconsin Ag in the Classroom by visiting [www.wisagclassroom.org](http://www.wisagclassroom.org)

## 16 Activities related to this issue!

There are sixteen different activities that can be used in conjunction with the 2021-2022 issue of Growing Wisconsin. These can be used as substitute teacher plans, extra credit, part of your lessons, and in other ways! If used as a substitute plan, the subs can pick an activity, cross it off the list, and your next sub can use the remaining activities. These are also great for days before holiday breaks, independent study, and for virtual learning. A full set of lessons and activities for this Growing Wisconsin issue can be found at

[www.wisagclassroom.org](http://www.wisagclassroom.org) under Resources.

1. Create a poster listing the Top Ten Reasons to be employed in agriculture or the green industry.	2. What food banks are in your area? How can you volunteer, donate food, or volunteer time at them?	3. Create a poster promoting one of the Wisconsin agricultural products grown or produced here in the state.	4. If you had an apple orchard, what value-added products might you make and sell at the farm along with apples?
5. Identify three skills or habits that you feel are the most important for high school students to learn so they can be successful in a future in agriculture. Make an infographic about them.	6. How has COVID 19 affected a farm, agriculture related business, or grocery store in your area?	7. Create a poster informing students about the economic importance of agriculture in Wisconsin.	8. Choose an agriculture related advertisement from this issue. Research the company online. Write a one-page summary of the business and careers they offer.
9. Design a t-shirt that promotes one of the Wisconsin agricultural products featured in this issue.	10. What is your favorite kind of cheese? Find 3 recipes using cheese and make one at home!	11. How can we encourage more young people to go into meat processing careers?	12. Create a brochure for the Wisconsin Department of Tourism promoting Wisconsin agriculture as a tourist attraction.
13. Write a Public Service Announcement (PSA) encouraging people to use some of the government services that DATCP provides.	14. Pick one of our top ten commodities on pages 6-7. Look up some statistics about it and make a book mark for elementary students.	15. If you were Alice in Dairyland, what could you do to encourage young people to consider careers in agriculture?	16. Write a letter thanking someone who has had a positive influence in Wisconsin agriculture who is featured in this issue.

Using the information on pages 6-7, rank the commodities from 1-10 based on cash receipts, and write something you learned about that commodity.

<b>Ranking</b>	<b>Commodity</b>	<b>Fact I learned!</b>
<b>1</b>		
<b>2</b>		
<b>3</b>		
<b>4</b>		
<b>5</b>		
<b>6</b>		
<b>7</b>		
<b>8</b>		
<b>9</b>		
<b>10</b>		

**Text Tagging**  
***Growing Wisconsin – Pages 10-11***

**Supermarket Superheroes Article**

1. Introduce the article to students and preview it with them to build on prior knowledge.
2. Present tagging symbols to students by giving them a handout or sharing on the board. Use these text tagging symbols:
  - **!** I knew this
  - **+** This is new
  - **?** I am confused
  - **☺** This is interesting
3. Hand out stick notes or sticky arrows to the students and explain how to tag the text while reading. Model how to place a sticky note, arrow on information relating to the text. If using a copy of the text, have students simply write on their copy. To enhance thinking, have students analyze why they marked that particular part of the text.
4. Have student work alone or in pairs and tag the text while reading.
5. Engage in class discussion about how students tagged the text. Or, working in small groups, have students compare their tags and discuss their answers.
6. Analyze the effectiveness of the strategy by asking students how the text tagging help them understand the article.

! I knew this  
+ This is new  
? I am confused  
☺ This is interesting

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## Wisconsin Agriculture

Using all pages of the *Growing Wisconsin* magazine identify key terms and phrases that identify or make up Wisconsin's agriculture industry for each letter of the alphabet. You might not be able to find all the letters!

<b>A</b>	<b>N</b>
<b>B</b>	<b>O</b>
<b>C</b>	<b>P</b>
<b>D</b>	<b>Q</b>
<b>E</b>	<b>R</b>
<b>F</b>	<b>S</b>
<b>G</b>	<b>T</b>
<b>H</b>	<b>U</b>
<b>I</b>	<b>V</b>
<b>J</b>	<b>W</b>
<b>K</b>	<b>X</b>
<b>L</b>	<b>Y</b>
<b>M</b>	<b>Z</b>

## Matching Statistics!

___ 1. Jobs provided by agriculture	A. 600
___ 2. How many acres of potatoes are harvested/year?	B. 69,500
___ 3. Number of beef cows in Wisconsin	C. 145
___ 4. Average size dairy herd in Wisconsin	D. 310,000
___ 5. Varieties of cheese produced in Wisconsin	E. 20
___ 6. Number of counties growing cranberries	F. 435,700
___ 7. Wisconsin exports agriculture and food products to how many counties?	G. 8
___ 8. Number of pork cuts meeting the USDA guidelines for "lean"	H. 170

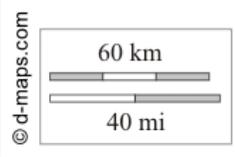
## Traveling Around Wisconsin Map Exercise

We have met a lot of farmers, agri-businesses, and saw names of many places in Wisconsin in this issue. With a road map (a paper one- not on the computer!), use the **map legend** to find the cities, villages, counties and towns that we saw in the issue.

If a town, village or city, identify what county they are found in and write it in the county it's located in on the map on the next page. If a county, circle the county on the map.

- Gays Mills
- Chippewa Falls
- DeForest
- Delevan
- Dodgeville
- Trempealeau
- East Troy
- Milwaukee
- Waupun
- Platteville

Can you find out what agri-tourism, markets or entertainment are located in one of the areas listed above? Use the Wisconsin Agricultural Tourism Association's website to explore- <http://www.visitdairyland.com/>! Write a short paragraph about one of the areas and why you'd like to visit.



## **Discussion Topic: Careers in agriculture**

Using one of this issue's articles or advertisements, answer the following questions or discuss them in a group/class:

1. Name of major or career area featured:
2. What high school classes should you take to better prepare yourself?
3. What classes would you be taking during college?
4. How long of a program (i.e. 1 year, 2 year, 4 year, other)
5. What types of jobs will you be qualified for after graduation?
6. Why are you interested in this area?
7. Do you know anyone who works in this career area?

# The Diversity of Wisconsin Agriculture!

Using these articles in this issue, learn about that type of agriculture. Then search to find a recipe using one of the products featured.

- Pages 8-9- A+ Season for Apples
- Pages 18-19- Passion for Pork
- Pages 22-23- The Comeback Curd

Divide the class into smaller groups. Each can select a recipe that they will research and make for the class.

List the ingredients and the types of farms they are produced on.	
Could some of the ingredients be substituted for another commodity?	
Do you know anyone who grows any of the ingredients?	
Make the recipe. List any comments about the process or ingredients used.	
How did you enjoy the food you ate?	
Other observations	

## Just the facts!

Directions: Using the information found throughout the publication, fill in the blanks with the correct answer.

1. What does DATCP stand for? \_\_\_\_\_ of \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_?
2. Who is the current Alice in Dairyland? \_\_\_\_\_
3. A cash receipt is defined as:
  
4. What does DOR stand for? \_\_\_\_\_
5. What is the world's most widely consumed meat? \_\_\_\_\_
6. Wisconsin produces what percentage of the nation's cranberries? \_\_\_\_\_.
7. Wisconsin has \_\_\_\_\_ million acres of farmland with the average farm size being \_\_\_\_\_ acres. We have \_\_\_\_\_ farms.
8. Mary Ecker bakes and sells over \_\_\_\_\_ pies each year!
9. Wisconsin has \_\_\_\_\_ minority farmers.
10. Wisconsin has \_\_\_\_\_ farmers markets across the state.
11. How many counties, out of 72, received CARES Act funds? \_\_\_\_\_
12. Why was Passion for Pork developed?
  
13. There are roughly \_\_\_\_\_ Native American farmers and ranchers in the U.S.
14. What does the DATCP Division of Food and Recreational Safety do?
15. Wisconsin agriculture brings \$\_\_\_\_\_ billion to the state's economy each year.

## Answer Key

### Matching Statistics!

<b>F</b>	1. Jobs provided by agriculture	A. 600
<b>B</b>	2. How many acres of potatoes are harvested/year?	B. 69,500
<b>D</b>	3. Number of beef cows in Wisconsin	C. 145
<b>H</b>	4. Average size dairy herd in Wisconsin	D. 310,000
<b>A</b>	5. Varieties of cheese produced in Wisconsin	E. 20
<b>E</b>	6. Number of counties growing cranberries	F. 435,700
<b>C</b>	7. Wisconsin exports agriculture and food products to how many counties?	G. 8
<b>G</b>	8. Number of pork cuts meeting the USDA guidelines for "lean"	H. 170

### Just the Facts

1. What does DATCP stand for? **Department of Agriculture, Trade and Consumer Protection**
2. Who is the current Alice in Dairyland? **Julia Nunes**
3. A cash receipt is defined as: **the total amount of crops or livestock sold in a calendar year. (source: U.S. Department of Agriculture's Economic Research Service**
4. What does DOR stand for? **Department of Revenue**
5. What is the world's most widely consumed meat? **Pork**
6. Wisconsin produces what percentage of the nation's cranberries? **61%**.
7. Wisconsin has **14.3** million acres of farmland with the average farm size being **222** acres. We have **64,400** farms.
8. Mary Ecker bakes and sells over \_\_\_\_\_ pies each year! **7,000**
9. Wisconsin has \_\_\_\_\_ minority farmers. **1,613**
10. Wisconsin has **300** farmers markets across the state.
11. How many counties, out of 72, received CARES Act funds? **71**

12. Why was Passion for Pork developed? Connecting local pork producers to local meat processors to meet the demand for their services.
13. There are roughly **79,000** Native American farmers and ranchers in the U.S.
14. What does the DATCP Division of Food and Recreational Safety do? **Oversees the inspection of farms, processing facilities, issues licenses for those who are in occupations related to food safety, and supervises several health department inspections of restaurants and recreational businesses.**
15. Wisconsin agriculture brings \$\_\_\_\_\_ billion to the state's economy each year. **\$104.8 Billion**

### **Standards Achieved**

CCSS.ELA—LITERACY.RI.6.1

CCSS.ELA-LITERACY.RI.6.3

CCSS.ELA-LITERACY.RI.6.7

CCSS.ELA-LITERACY.CCRA.R.1

CCSS.ELA-LITERACY.CCRA.SL.1

CCSS.ELA-LITERACY.CCRA.L.1