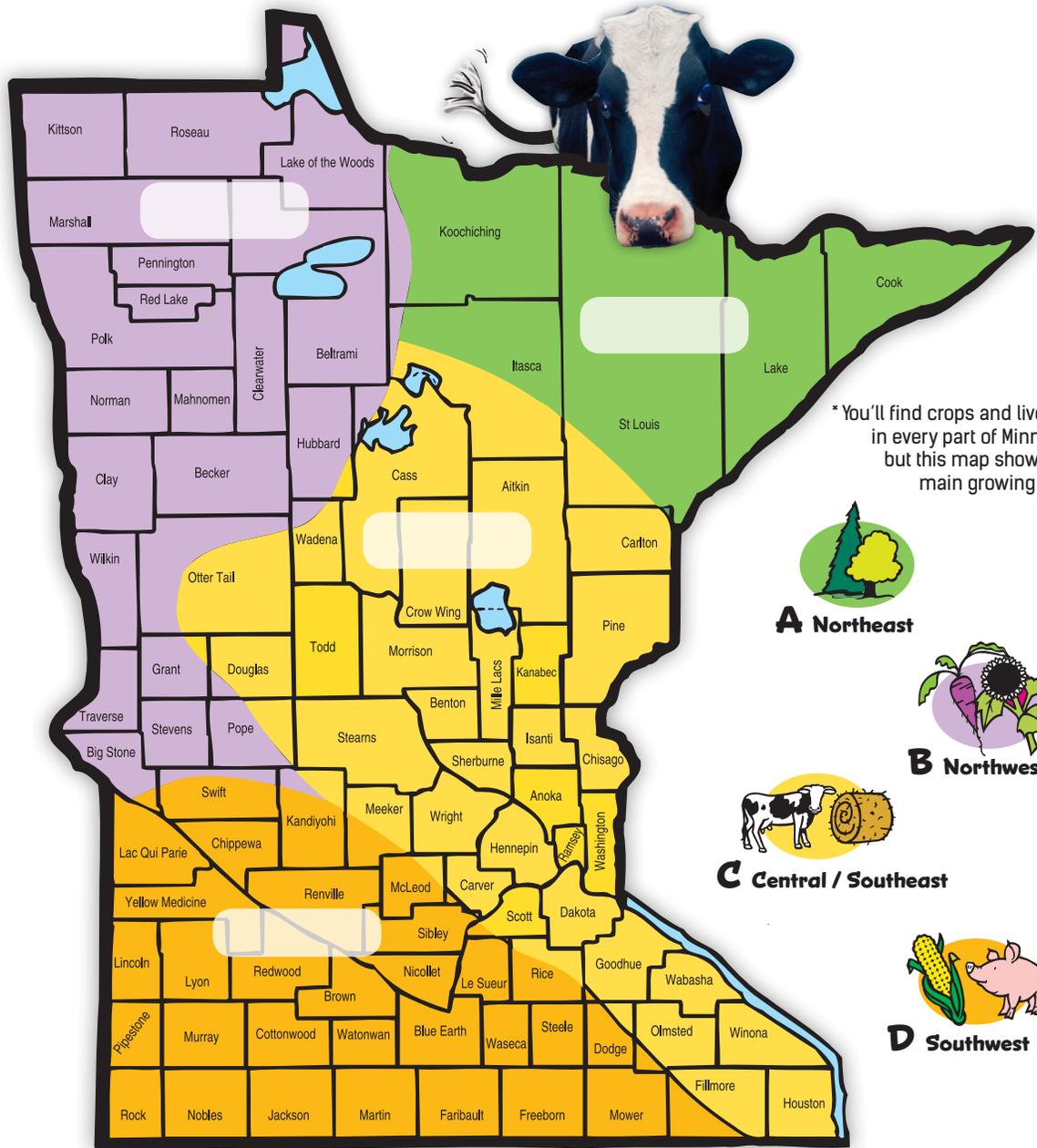


Minnesota Grown



* You'll find crops and livestock in every part of Minnesota, but this map shows their main growing areas.



A Northeast



B Northwest



C Central / Southeast



D Southwest

Matching Match these 4 clues with the names of the growing areas on the right (A, B, C, or D). Write the name of each area in its space on the map.

1. Flat terrain where large machinery can operate. Fertile prairie soils. Less moisture than other areas. Big producer of cash crops such as wheat, oats, barley, soybeans, sunflowers, sugarbeets, dry beans and potatoes.

2. Fertile soils with good moisture. More southern location (longer growing season). Big producer of crops and livestock. Corn, soybeans, cattle, and hogs do well here.

3. Hilly with moisture. Soils vary, including rich, shallow, poorly drained, and sandy. Big producer of hay, pasturelands, dairy cattle, and turkeys. Other livestock and garden crops, too.

4. Rough terrain. Shallow, less-fertile soils. Short frost-free season. High snowfall adds moisture. Big producer of forests, but few field crops.

Find it on the Map!

1. Find each county with one of its top ag products. Use this code to put colored dots on the map: green for forest products; blue for field crops or cash grains; red for dairy and livestock.

County	Ag Product	County	Ag Product	County	Ag Product
Marshall	Wheat	Martin	Hogs	Koochiching	Paper
Jackson	Soybeans	Morrison	Beef cattle	Aitkin	Bluegrass seed
Wabasha	Green peas	Otter Tail	Bison	Kandiyohi	Turkeys
Clay	Sugarbeets	Anoka	Sod	Pipestone	Sheep
Stearns	Dairy	Polk	Dry beans	Todd	Oats
Faribault	Corn	Roseau	Canola	Sherburne	Potatoes
St. Louis	Wood products	Isanti	Christmas trees	Wright	Honey
Fillmore	Hay	Brown	Sweet corn	Kittson	Sunflowers
Washington	Apples	Norman	Barley	Goodhue	Alpacas

2. Look at your dots. What do you notice about where things grow in Minnesota? Unscramble the letters to discover five things that make each growing area different from the others. (Hint: All the words appear somewhere on pages 4 and 5.)

iosl yptes _____ rraiten _____
 thwaeer _____ gingorw saseno _____
 llafinar _____

Name the crop b t u e s g a r e

Unscramble the letters above to name this plant that is sweet. Polk county leads the way in growing this crop. You'll find it in dozens of foods in your kitchen.

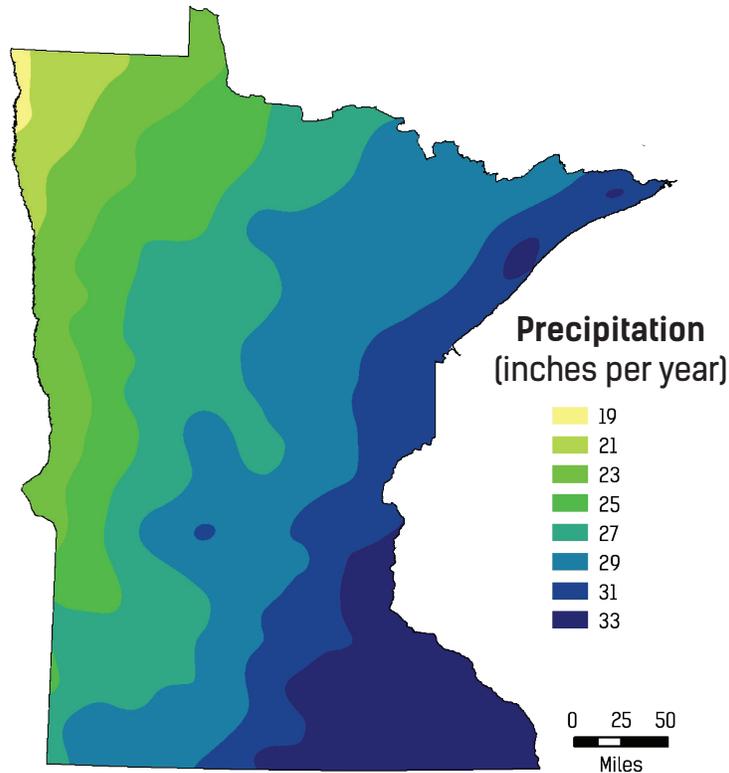
Plant Name:

Main Growing Area:



Minnesota Rainfall: What and Where?

Average Annual Precipitation (rain and snow)



1. Which growing area normally gets the least rainfall each year? _____

Which area gets the most? _____

2. Why must farmers understand rainfall patterns when they choose which crops to plant? _____

3. What happens to farm crops when rainfall is way above normal? _____

Way below normal? _____

4. Imagine you're a farmer. In which of the four areas would it make the most sense to grow these crops?
Write your answers in the table below, then read the clues again (page 1) to check your work.

Crop	Which Growing Area?
Hay and Pastureland	
Sugarbeets	
Corn and Soybeans	
Forest and Pine Trees	
Wheat	