

# Introduction to Ag Pre-Test

## \_\_\_ Matching

**Instructions.** Match the word with the correct definition. Write the letter on the line next to the definition. 1 point each.

A. biodiesel  
B. boll  
C. combine  
D. commercial forest  
E. ethanol  
F. flower

G. forest  
H. fruit  
I. grains  
J. leaf  
K. native forest  
L. peg

M. retting  
N. root  
O. seed  
P. stem  
Q. taproot  
R. transpiration

- \_\_\_\_\_ 1. The anchor of the plant. Also absorbs and carries water and nutrients from the soil.
- \_\_\_\_\_ 2. The reproductive organ of the plant.
- \_\_\_\_\_ 3. Contains an embryo that provides food and water until the plant is able to make food for itself.
- \_\_\_\_\_ 4. Holds the leaves and the flowers of the plant.
- \_\_\_\_\_ 5. The part of the flowering plant that contains the seeds.
- \_\_\_\_\_ 6. The food factory of the plant.
- \_\_\_\_\_ 7. Alcohol made by fermenting corn.
- \_\_\_\_\_ 8. The seeds of certain plants that are members of the grass family.
- \_\_\_\_\_ 9. A machine that cuts and threshes grain in the field.
- \_\_\_\_\_ 10. An environmentally friendly alternative fuel made from soybean oil blended with diesel fuel.
- \_\_\_\_\_ 11. A large main root that grows downward.
- \_\_\_\_\_ 12. The enlarged ovary of the peanut plant that grows into the ground
- \_\_\_\_\_ 13. Soaking fiber crops like kenaf and flax to separate fibers.
- \_\_\_\_\_ 14. The part of the cotton plant that contains the cotton fiber and seeds.
- \_\_\_\_\_ 15. A process by which water is absorbed through the roots, used in the tree, and expelled by the leaves.
- \_\_\_\_\_ 16. This type of forest is where trees grow voluntarily.
- \_\_\_\_\_ 17. A community of trees, plants, and animals living together.
- \_\_\_\_\_ 18. The type of forest in which trees are grown, harvested, and sold for use.

## Fill-in-the-Blank

**Instructions.** Complete the following statements by placing your answer on the line provided. 2 points each.

1. About 90 percent of the corn seen growing is \_\_\_\_\_ corn.
2. There are \_\_\_\_\_ main types of wheat.
3. In the United States, barley is usually planted in the \_\_\_\_\_ and harvested in the \_\_\_\_\_.
4. About 95 percent of all oats are fed to animals, especially \_\_\_\_\_.
5. In sugar \_\_\_\_\_, the sugar accumulates in the taproot and in sugar \_\_\_\_\_, the sugar is stored in the stem.
6. Kenaf is native to \_\_\_\_\_.
7. The first American Flag was sewn from \_\_\_\_\_.
8. Both \_\_\_\_\_ and \_\_\_\_\_ from the flax plant are processed into products.
9. A bale of cotton weighs approximately \_\_\_\_\_ pounds.
10. Maple trees are tapped for their \_\_\_\_\_ to make syrup.
11. Most hardwood trees are \_\_\_\_\_, meaning they lose their leaves in the fall.
12. Most softwood trees are \_\_\_\_\_, meaning they keep their needles year round.
13. \_\_\_\_\_ is when the farmer cuts off parts of the tree in order to shape it into the desired conical shape.
14. \_\_\_\_\_ comes from grinding and using chemicals to break apart fibers that make wood strong.

Short Answer

**Instructions. Answer the following questions. 3 points each.**

1. Name two fruits that humans eat.
2. Name two roots that humans eat.
3. Name two foods that can be made from oats.
4. Name two foods that can be made from barley.
5. Name two foods that can be made from wheat.
6. Other than livestock feed what are some other uses for corn.
7. Name the four main types of peanut.
8. Name two non-edible uses for canola.

9. Name two non-edible uses for sunflowers.

10. Name two products that can be made from industrial hemp.

11. Name two flax products

12. Name two things humans get from the sap of trees.

14. How big is a parent roll in width and weight?

15. How many gallons of sap are needed to make 1 gallon of syrup?

16. For every one tree you harvest, how many do you need to plant to replace it?