



Corn Vocabulary & Crossword Puzzle

chlorophyll - substance that enables plants to combine carbon dioxide and water to form sugar; green coloring matter in plants that reflects green light and absorbs the other colors in sunlight.

endosperm - the largest section of the corn kernel; stores food for seed; serves as the food supply for the corn kernel as it grows from embryo to plant

germ - only living part of kernel

kernel - the corn seed

leaf - part of the plant where food is produced by photosynthesis

oxygenation - release of oxygen by plants

pericarp - when seeds soak up water and swell, they burst through their outer covering, the pericarp; outer covering that protects the seed

photosynthesis - process by which plants make their own food

phototropism - growth in a direction in response to light

pollination - fertilization of the plant

root - in the soil; picks up water and minerals to support plant growth and anchors plant to ground

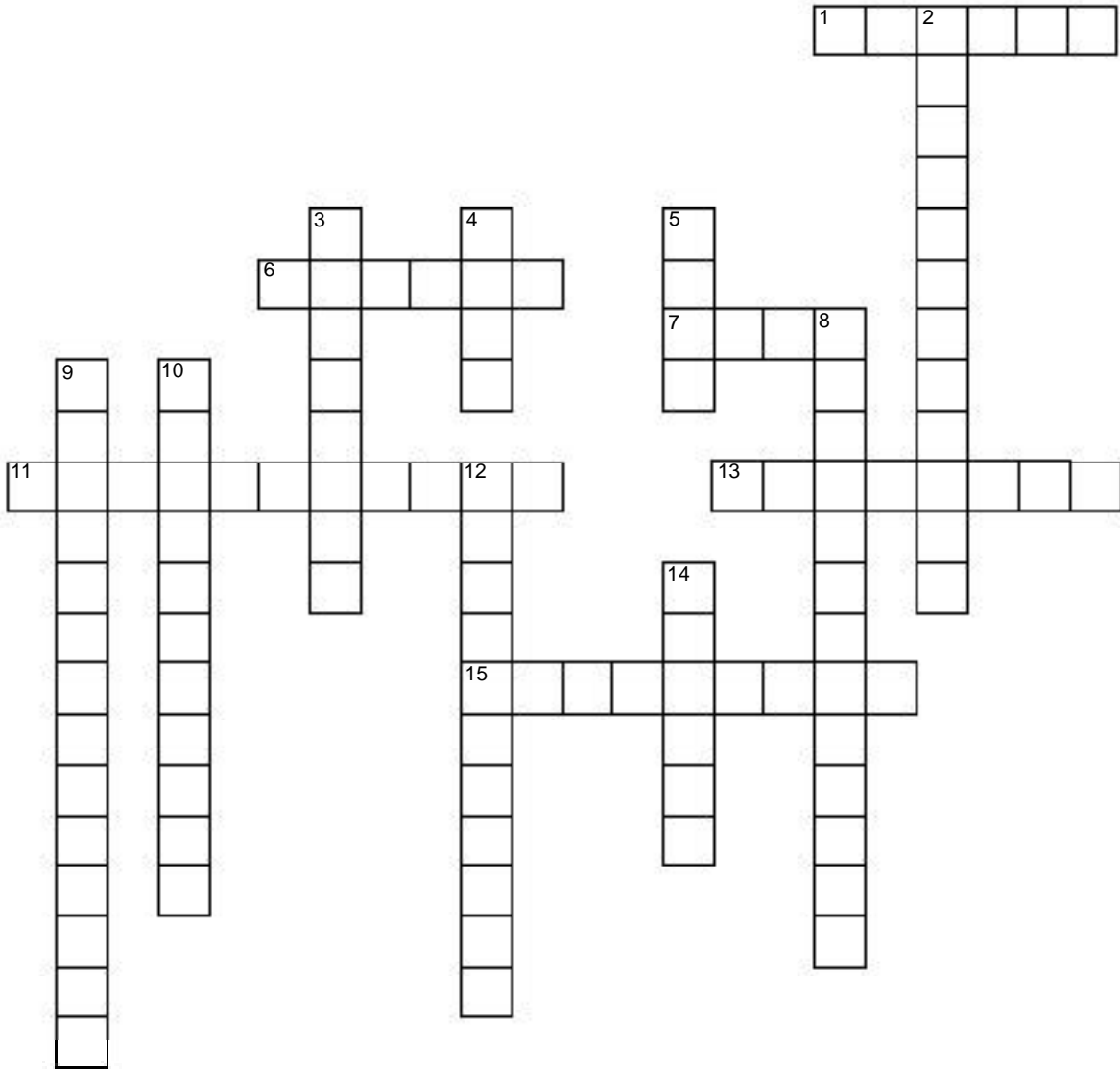
sunlight - what plants need to make their own food

tassel - at the top of the corn stalk; produces pollen

tip cap - attaches kernel to cob

transpiration - process by which plants recycle ground water to air

Use the vocabulary words you just learned to fill in the crossword puzzle below. If you get stumped, look back at your words to match them with the clues below.



Across

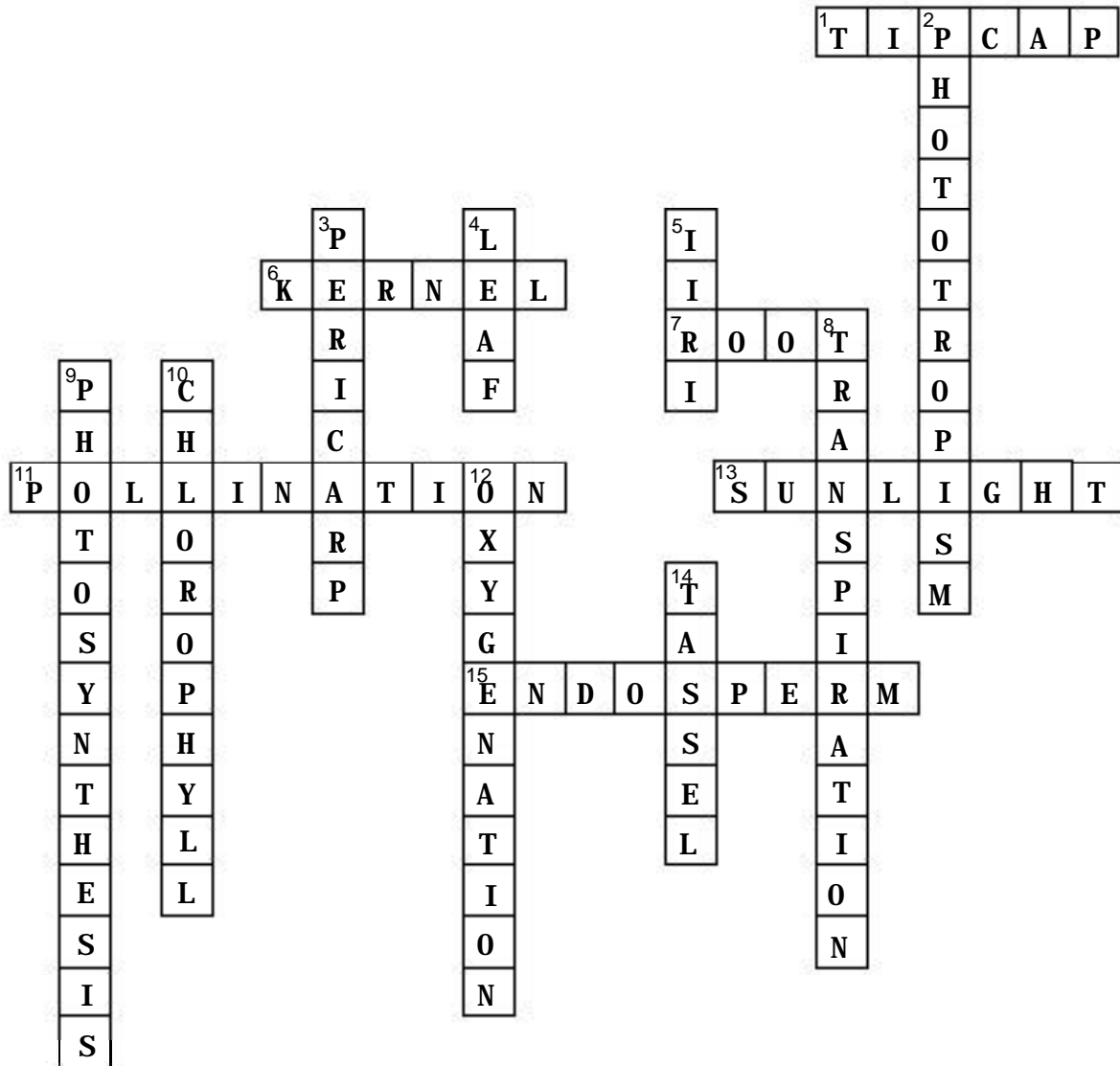
- 1 attaches kernel to cob
- 6 corn seed
- 7 anchors plant in ground
- 11 fertilization of the plant
- 13 what plants need to make their own food
- 15 stores food for seed

Down

- 2 growth in a direction in response to light
- 3 outer seed coat for protection
- 4 part of plant where food is produced
- 5 only living part of kernel
- 8 process by which plants recycle ground water to air
- 9 process by which plants make their own food
- 10 green coloring matter in plants
- 12 release of oxygen by plants
- 14 male part of corn plant

ANSWER KEY

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