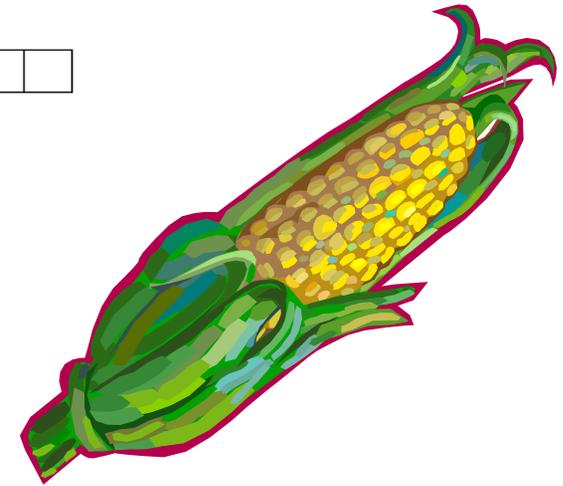
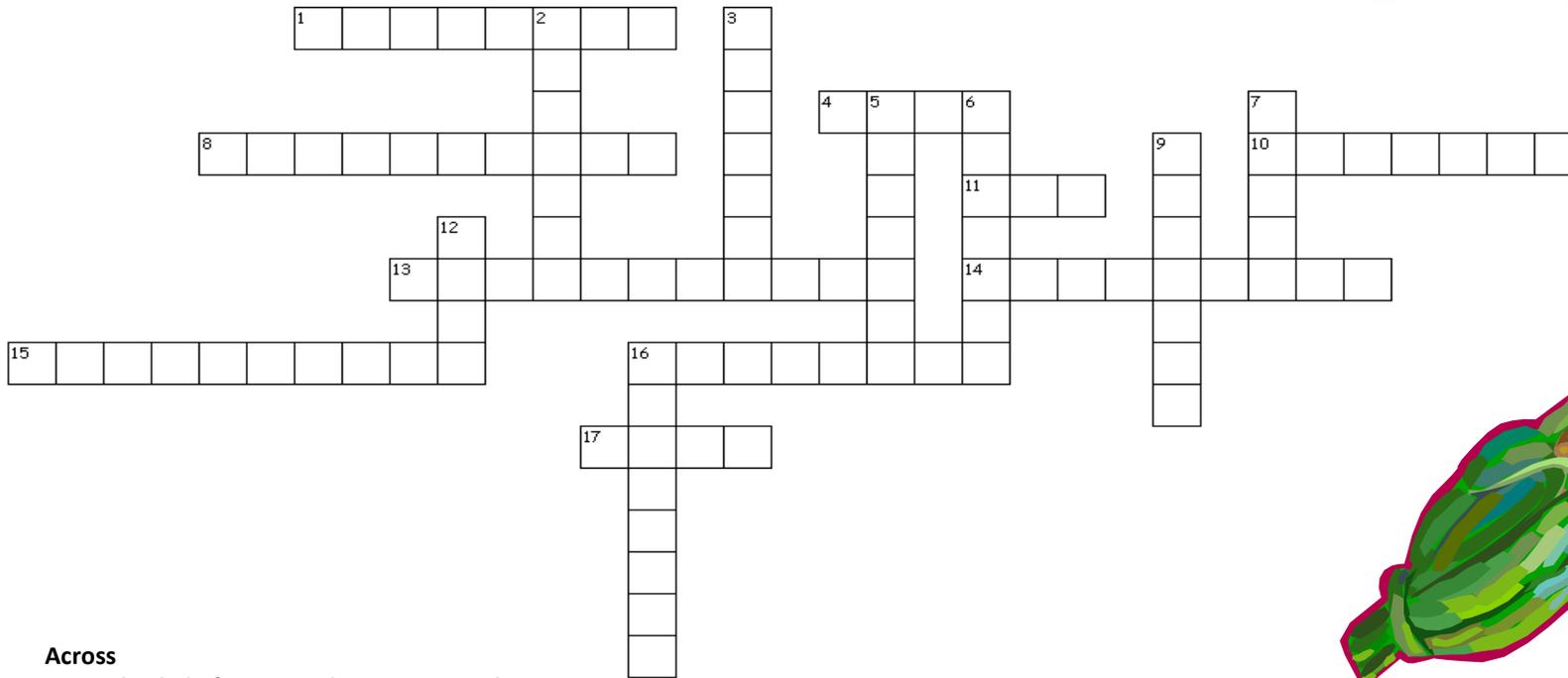


# Corn Development



## Across

1. One bushel of corn weighs \_\_\_\_\_ pounds
4. Most common type of corn grown in Nebraska, used a lot for livestock feed
8. Term used to describe the number of leaves formed on a plant (is abbreviated with one letter)
10. Once corn seed starts to swell, it makes this type of root first
11. By the time the \_\_\_ leaf collars appear on a corn plant, the growing point will be above the soil surface and the plant will start to develop rapidly
13. Occurs in a corn plant when the pollen grains from the tassel fall on the ear's silks
14. Provides energy for the young plant until the first leaves appear
15. Corn is mature when the kernels develop a \_\_\_\_\_ at the tip of the kernel
16. Flowers that are small and grow in dense spikes or open branching clusters
17. A mature corn plant develops 20 to 22 leaves, but only 14 or 15 leaves will be left on the mature plant, True or False?

## Down

2. These roots help anchor the plant and supply it with water until the nodal root system is formed
3. Plant that contains only one seed leaf, called a cotyledon
5. Corn starches can be fermented and used to make this type of fuel
6. In mid-July to early-August, the \_\_\_ (male flowers) will appear.
7. Roots formed at about the 12 leaf growth stage to provide extra support and nutrients for the corn plant
9. Plants characterized by long, narrow leaves with the base of the leaf, or leaf sheath circling the stem
12. What leaf stage would corn be at if five leaves are formed, but only four are extended at the collar
16. Seed coat which protects seed from damage

## Corn Growth Crossword puzzle answers

### ACROSS

1. Fiftysix One bushel of corn weighs \_\_\_\_\_ pounds
4. Dent Most common type of corn grown in Nebraska, used a lot for livestock feed
8. Vegetative Term used to describe the number of leaves formed on a plant (is abbreviated with one letter)
10. Radicle Once corn seed starts to swell, it makes this type of root first
11. Six By the time the \_\_\_ leaf collars appear on a corn plant, the growing point will be above the soil surface and the plant will start to develop rapidly
13. Pollination Occurs in a corn plant when the pollen grains from the tassel fall on the ear's silks
14. Endosperm Provides energy for the young plant until the first leaves appear
15. Blacklayer Corn is mature when the kernels develop a \_\_\_\_\_ at the tip of the kernel
16. Panicles Flowers that are small and grow in dense spikes or open branching clusters
17. True A mature corn plant develops 20 to 22 leaves, but only 14 or 15 leaves will be left on the mature plant, True or False?

### DOWN

2. Seminal These roots help anchor the plant and supply it with water until the nodal root system is formed
3. Monocot Plant that contains only one seed leaf, called a cotyledon
5. Ethanol Corn starches can be fermented and used to make this type of fuel
6. Tassels In mid-July to early-August, the \_\_\_(male flowers) will appear.
7. Brace Roots formed at about the 12 leaf growth stage to provide extra support and nutrients for the corn plant
9. Grasses Plants characterized by long, narrow leaves with the base of the leaf, or leaf sheath circling the stem
12. Four What leaf stage would corn be at if five leaves are formed, but only four are extended at the collar
16. Pericarp Seed coat which protects seed from damage