

Name:

Date:

Class:

Vector Control Questions **Answer Key**

Directions: Carefully read the information on the web page below and use it to answer the following questions.

[Vector Control | Cass County, ND \(casscountynd.gov\)](http://casscountynd.gov)

1. Describe 3 goals stated by Cass County Vector Control.
 - Control mosquito populations
 - Reduce mosquito-borne illness transmission
 - Provide a comfortable living environment for Fargo-Moorhead residents
2. Describe 3 activities that are undertaken by Cass County Vector Control to achieve these goals.
 - Larval control
 - Mosquito trapping
 - Community education
 - Adult mosquito control applications
 - Speciation
3. Click on the “Learn What You Can Do” tab on the Vector Control website. Describe 3-4 ways you can protect your yard from mosquitoes.
 - Destroy any items in your yard that hold water.
 - Check tarps that cover outdoor items regularly for standing water.
 - Change water in bird baths regularly.
 - Report non-draining ditches that are holding standing water to Vector Control.
4. Click on the “Mosquito Life Cycle” tab on the Vector Control website. Why is it best to target mosquito larvae rather than adult mosquitoes?
Mosquito larvae are easier to contain since they stay within the water. Adult mosquitoes can take flight and spread out quickly.
5. Predict why flooding would increase mosquito populations within the area.
More areas with standing water mean that there are more areas where mosquitoes can lay their eggs.
6. Although mosquitoes require water to reproduce, droughts can often cause mosquito populations to rise. Why is that?
Mosquito predator populations may decrease during a time of drought; meanwhile, eggs will survive until rainfall. Without predators to keep the mosquito population at bay, the mosquito populations can rise.