

Cobble Creek Montrose Colorado

Integrated Mosquito Management

Based on Center for Disease Control and Prevention (CDC) Recommendations and Advice from the Grand Valley Mosquito Control District – Grand Junction Colorado

Assumptions:

1. Cobble Creek Golf Course is surrounded by wetlands to the South and Flood Irrigation practiced by farms and ranches surrounding the property. It will not be possible to completely eliminate inundation of mosquitoes from surrounding areas.
2. Homegrown mosquito larva develop in standing water. This can be addressed by placing larvicides in areas identified.
3. Natural Predators such as bats, fish and dragonflies are somewhat helpful by feeding on larva and adult mosquitoes
4. Residents and golf course customers must be responsible for utilizing personal protection and reducing mosquito population on their respective properties

Community Plan:

Conduct Mosquito Surveillance and application of insecticides – Set Mosquito Traps strategically around the course to determine density and source of mosquitoes. These traps can be monitored during the first season to determine effective timing and placement of any EPA-registered insecticides. Judicial application of insecticides will be fogged as needed to reduce the threat of West Nile Virus during the times and places supported by the data.

Effectiveness of any insecticide application can then be determined through review of data provided by these mosquito traps.

Identify areas of standing water in and around our ponds and streams. Apply a larvicide product that is non-toxic to fish and other aquatics to these specific areas.

Encourage Residents and Golfers to utilize effective personal protection and to take measures to reduce mosquito population around their homes and gardens. Ongoing education will be provided through intermittent emails and posters placed in the Pro-shop and restrooms on the course.

Provide an environment that supports a population of mosquito eating fish, bats and dragonflies. Our ponds are stocked each Spring with fish that feed on mosquito larva. Bat houses will be erected in strategic places around the course. Dragonfly population can be encouraged through residential plantings of Black Eyed Susan, White Yarrow, Meadow Sage and Milkweed around residences.