



*Ash under an Elm*

### *Minnesota Valley CC Ash Tree Update - July 2009*

- Summer of 2008: MVCC Green Committee discusses locations and threat of the Emerald Ash Borer, and initiates a detailed evaluation of MVCC's ash tree population.
- October 2008: Superintendent Brower presents a report to MVCC Green Committee on the Emerald Ash Borer, its spread through the Midwest, an inventory of MVCC's ash trees, and possible strategies for managing the ash trees and preventing damage from the insect.
- October, 2008:- MVCC Green Committee unanimously decides to treat approx. 150 of MVCC's ash trees with a drench application of the insecticide, imidacloprid, in the spring of 2009.
- May 13, 2009: The discovery of the first known population of Emerald Ash Borer in Minnesota. Several dozen trees in St. Paul, near I-94 and Hwy. 280 are found to be harboring the insect and are removed.
- May 14, 2009: The Minnesota Dept of Agriculture issues a State Emergency Quarantine of the Emerald Ash Borer and ash tree wood for Ramsey, Hennepin, and Houston counties.
- May 19-20, 2009: All 230 of MVCC ash trees are treated with a drench application of the insecticide, imidacloprid. Total cost \$2,920.
- June 2009: MVCC Green Committee discusses future ash tree management strategies and makes decision to further evaluate each ash tree on the property to determine the best strategy for each tree.
- June 2009: Superintendent Brower begins evaluation of ash trees on the property, gathers additional information on the state quarantine and possible management strategies for 2010 and beyond.
- July 2009: MVCC Green Committee begins discussion of future management strategies for its ash tree population.

### *Minnesota Valley CC Summary of 2010 Tree Management Plan*

- Tree Inventory records shall be updated and reproduced during the winter months to better reflect current conditions and relative values of trees.
- Relative values will be assigned to all ash and elm trees within the inventory, based on a three level scale of low, moderate, and high values.
- Using the relative values assigned to ash trees as a guide, an annual preventative chemical treatment program will be administered to prevent damage to the ash tree population from the Emerald Ash Borer. A drench method will be utilized to protect all ash trees, and in addition, several high value trees will be chosen for an injection method.
- Using the relative values assigned to elm trees as a guide, an annual preventative chemical treatment program will be administered to prevent damage to the elm tree population from Dutch Elm Disease. An injection method will be used to protect these trees.
- Any recommendation for removal of trees of any species should be made to the Superintendent and/or Green Committee for review and evaluation, and shall be pursuant to the process outlined in the MVCC Tree Management Policy. Recommendations for tree removal should be made far enough in advance so that the review and evaluation can be completed in the golf season, and the tree can be removed during the winter months.
- New tree plantings shall be completed in the spring pursuant to the process and guidelines in the MVCC Tree Management Policy, using the funds budgeted for tree planting within the Operating Budget.
- Pruning of trees to maintain their safety, function, and aesthetic appeal shall occur primarily in the winter months, using funds budgeted for pruning within the Operating Budget.
- All tree management strategies will be completed using the funds budgeted for trees in the 2010 Operating Budget as follows.

#### **January:**

Pruning and Removals (\$11,000)

#### **May:**

Ash Tree Chemical Treatments (\$4,000)  
New Tree Plantings (\$2,000)

#### **July:**

Elm Tree Chemical Treatments (\$6,000)