

## **Emerald Ash Borer Detection Survey**

### **Purpose of the study (maximum 4000 characters)**

This study is part of a statewide effort to detect the exotic emerald ash borer. This exotic pest was first identified in the US in southeastern Michigan in 2002, but had probably been present for a number of years prior to that. Isolated populations have been found throughout lower Michigan since 2002. Girdled trap trees are the most effective tool currently available to detect populations of this insect.

### **Summary of proposed field methods and activities (extract from the study proposal where appropriate - maximum 4000 characters)**

Between five and seven ash trees will be girdled at the fieldsite and monitored during the flight season for landing by the emerald ash borer. At the end of the summer (or during the fall) a subset of trees will be cut and peeled to look for emerald ash borer larvae. The remaining trees will be left in place with the goal of using them again next year. We also propose to utilize trees girdled by the Michigan Department of Agriculture in 2005 as trap trees during 2006. We are currently discussing this possibility with them.