

Background Information on the Susceptibility of Various Connecticut Tree Populations to the Asian Longhorned Beetle

Key:

******* indicates “highly susceptible to the ALB”

****** indicates “susceptible to the ALB”

Top Ten Forest Trees by number of individual stems (1.0 dbh and up)

1. Red Maple - 27% ***
2. Black Birch - 10% **
3. Eastern Hemlock - 6%
4. Sugar Maple - 6% ***
5. Northern Red Oak - 6%
6. Beech - 5%
7. Eastern White Pine - 4%
8. Black Cherry - 3%
9. Yellow Birch - 3% **
10. Pignut Hickory - 3%

This list includes 73% of tree species in the forest.

(Note – white ash, which is vulnerable to the emerald ash borer but not the ALB, constitutes about 3% of the forest; ash in general constitutes about 5%).

Based on the above data, about 52% of the forest trees in Connecticut are susceptible to the ALB, and about 36% are highly susceptible.

Source: Forest Statistics for Connecticut: 1985 and 1998.

USDA Forest Service Northeastern Research Station Resource Bulletin NE-147

Drawn from Table 18.

Top Species from the Hartford Urban Forest (all lands) by number of individual stems (1.0 dbh and up)

1. Red Maple (13%) ***
2. Black Cherry (7%)
3. American Elm (6%) ***
4. Tree of Heaven (6%)
5. Northern Red Oak (5%)
6. American Beech (4%)
7. Pin Oak (4%)
8. Glossy Buckthorn (4%)
9. Norway Maple (3%) **
10. Silver Maple (3%) **

Based on the above data, about 48% of the trees in Hartford are susceptible to the ALB.

Source Urban Forest Effects (UFORE) Study, conducted the Summer of 2007
By the City of Hartford, CT DEP Forestry, US Forest Service and Knox Parks Foundation
See "[Hartford's Urban Forest – the Challenge](#)"

Top Species from the Hartford Urban Forest (all lands) by leaf area (canopy volume)

1. Red Maple (12%) ***
2. Silver Maple (10%) ***
3. Pin Oak (9%)
4. Cottonwood (6%) **
5. American Beech (6%)
6. Red Oak (5%)
7. Sugar Maple (4%) ***
8. Box Elder (3%) ***
9. American Elm (3%) ***
10. Black Cherry (4%)

Based on the above data, about 59% of the canopy volume of Hartford is susceptible to the ALB.

Source Urban Forest Effects (UFORE) Study, conducted the Summer of 2007
By the City of Hartford, CT DEP Forestry, US Forest Service and Knox Parks Foundation
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Milford Street Trees

Listed by percentage of number of individuals

1. Norway Maple - 24% ***
2. Red Maple - 13% ***
3. Crabapple - 8%
4. Sugar Maple - 7% ***
5. Silver Maple - 4% ***
6. Pin Oak - 5%
7. Flowering Dogwood - 4%
8. Flowering Cherry - 3%
9. Black Cherry - 3%
10. White Pine - 3%

Based on the above data, at least one-half of the street trees in Milford are susceptible to the ALB.

Source: City of Milford Street Tree Inventory Data, unpublished

The information on these sheets has been assembled the CT DEP Urban Forestry program.