

Susceptibility to Pests by Stratum

Location: Springfield, Hampden, Massachusetts, United States of America

Project: Springfield Squares, Series: Parks, Year: 2018

Generated: 4/8/2019



| Pest Name | Stratum | Number of Trees | | Structural Value (\$) | | Leaf Area (%) | | Leaf Area (ac) | |
|--------------------------------------|----------------|-----------------|-----------------|-----------------------|-----------------|---------------|-----------------|----------------|-----------------|
| | | Susceptible | Not Susceptible | Susceptible | Not Susceptible | Susceptible | Not Susceptible | Susceptible | Not Susceptible |
| Aspen Leafminer | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Asian Longhorned Beetle | Center Square | 9 | 25 | 11,238 | 30,421 | 18.4 | 26.6 | 0.7 | 1.0 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 9 | 35 | 11,238 | 103,241 | 18 | 82 | 0.7 | 3.1 |
| Beech Bark Disease | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Butternut Canker | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Balsam Woolly Adelgid | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Chestnut Blight | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Dogwood Anthracnose | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Douglas-fir Black Stain Root Disease | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Dutch Elm Disease | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |

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| Pest Name | Stratum | Number of Trees | | Structural Value (\$) | | Leaf Area (%) | | Leaf Area (ac) | |
|------------------------|----------------|-----------------|-----------------|-----------------------|-----------------|---------------|-----------------|----------------|-----------------|
| | | Susceptible | Not Susceptible | Susceptible | Not Susceptible | Susceptible | Not Susceptible | Susceptible | Not Susceptible |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Douglas-Fir Beetle | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Emerald Ash Borer | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Fir Engraver | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Fusiform Rust | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Gypsy Moth | Center Square | 19 | 15 | 25,555 | 16,104 | 22.0 | 23.0 | 0.8 | 0.9 |
| | Stearns Square | 10 | 0 | 72,820 | 0 | 55.0 | 0.0 | 2.1 | 0.0 |
| | Total | 29 | 15 | 98,375 | 16,104 | 77 | 23 | 2.9 | 0.9 |
| Goldspotted Oak Borer | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Hemlock Woolly Adelgid | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Jeffrey Pine Beetle | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Large Aspen Tortrix | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |

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| Pest Name | Stratum | Number of Trees | | Structural Value (\$) | | Leaf Area (%) | | Leaf Area (ac) | |
|--------------------------------|----------------|-----------------|-----------------|-----------------------|-----------------|---------------|-----------------|----------------|-----------------|
| | | Susceptible | Not Susceptible | Susceptible | Not Susceptible | Susceptible | Not Susceptible | Susceptible | Not Susceptible |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Laurel Wilt | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Mountain Pine Beetle | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Northern Spruce Engraver | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Oak Wilt | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 8 | 2 | 70,399 | 2,422 | 51.6 | 3.4 | 1.9 | 0.1 |
| | Total | 8 | 36 | 70,399 | 44,081 | 52 | 48 | 1.9 | 1.8 |
| Pine Black Stain Root Disease | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Port-Orford-Cedar Root Disease | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Pine Shoot Beetle | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Polyphagous Shot Hole Borer | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |

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|-------------------------|----------------|-----------------|-----------------|-----------------------|-----------------|---------------|-----------------|----------------|-----------------|
| | | Susceptible | Not Susceptible | Susceptible | Not Susceptible | Susceptible | Not Susceptible | Susceptible | Not Susceptible |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Spruce Beetle | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Spruce Budworm | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Sudden Oak Death | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 8 | 2 | 70,399 | 2,422 | 51.6 | 3.4 | 1.9 | 0.1 |
| | Total | 8 | 36 | 70,399 | 44,081 | 52 | 48 | 1.9 | 1.8 |
| Southern Pine Beetle | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Sirex Wood Wasp | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Thousand Canker Disease | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Winter Moth | Center Square | 9 | 25 | 11,238 | 30,421 | 18.4 | 26.6 | 0.7 | 1.0 |
| | Stearns Square | 8 | 2 | 70,399 | 2,422 | 51.6 | 3.4 | 1.9 | 0.1 |
| | Total | 17 | 27 | 81,637 | 32,843 | 70 | 30 | 2.6 | 1.1 |
| Western Pine Beetle | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |

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|-------------------------|----------------|-----------------|-----------------|-----------------------|-----------------|---------------|-----------------|----------------|-----------------|
| | | Susceptible | Not Susceptible | Susceptible | Not Susceptible | Susceptible | Not Susceptible | Susceptible | Not Susceptible |
| White Pine Blister Rust | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| Western Spruce Budworm | Center Square | 0 | 34 | 0 | 41,659 | 0.0 | 45.0 | 0.0 | 1.7 |
| | Stearns Square | 0 | 10 | 0 | 72,820 | 0.0 | 55.0 | 0.0 | 2.1 |
| | Total | 0 | 44 | 0 | 114,480 | 0 | 100 | 0.0 | 3.7 |
| All Pests | Center Square | 28 | 6 | 36,793 | 4,866 | 40.4 | 4.6 | 1.5 | 0.2 |
| | Stearns Square | 10 | 0 | 72,820 | 0 | 55.0 | 0.0 | 2.1 | 0.0 |
| | Total | 38 | 6 | 109,614 | 4,866 | 95 | 5 | 3.6 | 0.2 |

Note: this table tells the potential pest risk rather than actual pest impact