



COOPERATIVE ASIAN LONGHORNED BEETLE ERADICATION PROJECT

Worcester, Massachusetts

| | |
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PROJECT SUMMARY

Red: Changed since last week

Black: No change

Reporting Period 7/18/10 – 7/24/10

| | | |
|---|-------------------------|-------------------------------|
| Total Quarantine Area (sq miles) | 76 | |
| Current Personnel | 78 | |
| | Reporting Period | Since Onset of Program |
| Infested Tree Detections | 23 | 17872 |
| Infested Tree Removals | 62 | 17840 |
| High Risk Host Tree Removals | 0 | 10250 |
| Restoration – Replanted Trees | 0 | 1056 |
| Delimiting Survey – Level 1 | 9747 | 451637 |
| Delimiting Survey – Level 2 | 0 | 51 |
| Level 3 Survey | 0 | 281 |
| Host Trees Treated | 0 | 62320 |
| Total Tree DBH Treated | 0 | 453016 |
| Regulatory Contacts | 68 | 13702 |
| Quarantine Certificates | 22 | 834 |
| Compliance Agreements | 6 | 878 |
| | | |

COMMENTARY

Survey/Treatments

Ground field crews surveyed in Worcester Zone 8 and Shrewsbury Zone 1 and Holden. Climbers have also been working in Worcester, Zones 6 and 8 and in Boylston.

Infestation/Removal/Restoration

Eighteen more infested trees have been found in Worcester and three more in Shrewsbury near the initial finding. Sixty-two infested trees were removed this reporting period in Worcester including neighborhoods in Zone 6, Zone 1 and Zone 7. Replanting efforts continue to site properties for fall planting as teams meet with homeowners to discuss their options.

Regulatory/Staffing

The State of MA 8th Amended Order expanding the regulated area further into the Town of Boylston was finalized and distributed along with the corresponding map. Regulatory staff continues to monitor the regulated area on a daily basis as well as work with the EPOs patrolling the region during “off hours.”

Public Outreach/Media

Media responses provided as needed.

Upcoming Events

July 26, 2010– Program staff will meet with residents at Angel Brook Condominiums to discuss potential land clearing operations abutting their properties.

August 4, 2010– The documentary “Bugged” will be screened at the Worcester Public Library. Program Officials will be present. ALB staff will provide literature and answer questions for the public.

August 5, 2010– New York 1 will be filming in Worcester, MA. They will be focusing on protocols and techniques used to find ALB, primarily working with students.

September 17 – October 3, 2010- ALB staff will assist at the Big E in Springfield, MA. Program staff will work various shifts during the fall event.

PERSONNEL SUMMARY

| Agency | Permanent | TDY | Term NTE | Temp, LA, Bio-Aide | Total Personnel |
|------------------|-----------|----------|-----------|--------------------|-----------------|
| USDA, APHIS, PPO | 19 | 0 | 37 | 2 | 58 |
| DCR | 10 | 0 | 10 | 0 | 20 |
| USFS | 0 | 0 | 0 | 0 | 0 |
| DAR | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 29 | 0 | 47 | 2 | 78 |

DETECTION SUMMARY

| Area | Date of First Detection | Date of Last Detection | Detections in Reporting Period | 2010 Detections | Total Detections |
|---------------|-------------------------|------------------------|--------------------------------|-----------------|------------------|
| Worcester | 8/5/2008 | 7/22/2010 | 20 | 919 | 17645 |
| Shrewsbury | 7/2/2010 | 7/23/2010 | 3 | 5 | 5 |
| Holden | 5/31/2009 | 7/16/2010 | 0 | 18 | 50 |
| West Boylston | 8/28/2008 | 6/1/2010 | 0 | 76 | 146 |
| Boylston | 12/10/2009 | 7/15/2010 | 0 | 18 | 26 |
| TOTAL | | | 23 | 1036 | 17872 |

Removal summary

| Area | Reporting Period | | Total 2010 | | Cumulative | |
|---------------|------------------|-----------|-------------|-----------|--------------|--------------|
| | Infested | High Risk | Infested | High Risk | Infested | High Risk |
| Worcester | 62 | 0 | 2368 | 0 | 17628 | 10250 |
| Shrewsbury | 0 | 0 | 0 | 0 | 0 | 0 |
| Holden | 0 | 0 | 9 | 0 | 41 | 0 |
| West Boylston | 0 | 0 | 125 | 0 | 158 | 0 |
| Boylston | 0 | 0 | 13 | 0 | 13 | 0 |
| TOTAL | 62 | 0 | 2515 | 0 | 17840 | 10250 |

RESTORATION SUMMARY

| Area | Reporting Period | | | | Total 2010 | | | | Cumulative | | | |
|---------------|------------------|---------------|--------------|-----------|---------------|---------------|--------------|-----------|---------------|---------------|--------------|-----------|
| | Contacts Made | Confirmed Yes | Confirmed No | Replanted | Contacts Made | Confirmed Yes | Confirmed No | Replanted | Contacts Made | Confirmed Yes | Confirmed No | Replanted |
| Worcester | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 508 | 504 | 308 | 64 | 1056 |
| Shrewsbury | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Holden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Boylston | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Boylston | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 508 | 504 | 308 | 64 | 1056 |

DELIMITING SURVEY LEVEL 1

| Area | Reporting Period | | | | Total 2010 | | | | Cumulative | | | |
|---------------|------------------|-------|--------|----------|------------|-------|--------|----------|------------|-------|--------|----------|
| | ground | climb | bucket | subtotal | ground | climb | bucket | subtotal | ground | climb | bucket | subtotal |
| Worcester | 3704 | 81 | 0 | 3785 | 81593 | 19968 | 181 | 101742 | 223938 | 37948 | 496 | 262382 |
| Shrewsbury | 4045 | 27 | 0 | 4072 | 12030 | 28 | 0 | 12058 | 22774 | 28 | 0 | 22802 |
| Holden | 1881 | 9 | 0 | 1890 | 25010 | 633 | 9 | 25652 | 25119 | 2214 | 9 | 27342 |
| West Boylston | 0 | 0 | 0 | 0 | 50201 | 2884 | 27 | 53112 | 112506 | 5585 | 27 | 118118 |
| Boylston | 0 | 0 | 0 | 0 | 17450 | 645 | 27 | 18122 | 20313 | 680 | 0 | 20993 |
| TOTAL | 9630 | 117 | 0 | 9747 | 186284 | 24158 | 244 | 210686 | 404650 | 46455 | 532 | 451637 |

NOTE: adjustments have been made to survey numbers from prior week's activities

DELIMITING SURVEY LEVEL 2

| Area | Reporting Period | | | | Total 2010 | | | | Cumulative | | | |
|---------------|------------------|-------|--------|----------|------------|-------|--------|----------|------------|-------|--------|----------|
| | ground | climb | bucket | subtotal | ground | climb | bucket | subtotal | ground | climb | bucket | subtotal |
| Worcester | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shrewsbury | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 18 |
| Holden | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 27 |
| West Boylston | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 6 |
| Boylston | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 51 |

SURVEY LEVEL 3

| Area | Reporting Period | | | | Total 2010 | | | | Cumulative | | | |
|-----------------------------------|------------------|-------|--------|----------|------------|-------|--------|----------|------------|-------|--------|----------|
| | ground | climb | bucket | subtotal | ground | climb | bucket | subtotal | ground | climb | bucket | subtotal |
| Massachusetts | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 281 | 0 | 281 |
| Number of Establishments Surveyed | | | | | | | | | | | | |
| Massachusetts | 0 | | | | 0 | | | | 0 | | | |
| TOTAL | 0 | | | | 0 | | | | 0 | | | |

PESTICIDE TREATMENT SUMMARY

| Area | Reporting Period | | Total 2010 | | Cumulative | |
|---------------|------------------|-----------|------------|-----------|------------|-----------|
| | # trees | Total DBH | # trees | Total DBH | # trees | Total DBH |
| Worcester | 0 | 0 | 26453 | 200141 | 26453 | 200141 |
| Shrewsbury | 0 | 0 | 1991 | 9828 | 1991 | 9828 |
| Holden | 0 | 0 | 16432 | 124697 | 16432 | 124697 |
| West Boylston | 0 | 0 | 11071 | 75346 | 11071 | 75346 |
| Boylston | 0 | 0 | 6373 | 43004 | 6373 | 43004 |
| TOTAL | 0 | 0 | 62320 | 453016 | 62320 | 453016 |

REGULATORY WEEKLY REPORT

| July 18, 2010 - July 24, 2010 | | Quarantine Zone | | | | | | | | | | Outside Quarantine | | Cum |
|--|--|-----------------|------|-----|-----|----|-----|----|-----|----|-----|--------------------|------|------|
| Contacts | | WOR | | HOL | | WB | | BO | | SH | | Outside | | |
| | | wk | cum | wk | cum | wk | cum | wk | cum | wk | cum | wk | cum | |
| | | | | | | | | | | | | | | |
| Inspections | | | | | | | | | | | | | | |
| Regulated Establishments | | 1 | 298 | 0 | 131 | 0 | 60 | 0 | 13 | 0 | 101 | 0 | 338 | 941 |
| Other sites | | 2 | 606 | 0 | 184 | 0 | 214 | 0 | 32 | 0 | 162 | 0 | 619 | 1817 |
| Vehicle | | 0 | 12 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 17 |
| Communications | | | | | | | | | | | | | | |
| Phone Calls | | 0 | 803 | 0 | 322 | 0 | 328 | 0 | 182 | 0 | 328 | 1 | 758 | 2721 |
| Faxes | | 0 | 297 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 205 | 505 |
| All Mailings | | 0 | 302 | 0 | 79 | 0 | 65 | 0 | 31 | 0 | 244 | 0 | 1035 | 1756 |
| Email | | 0 | 1051 | 0 | 323 | 0 | 235 | 0 | 171 | 0 | 257 | 0 | 316 | 2353 |
| Personal Contacts | | 9 | 406 | 1 | 142 | 1 | 152 | 0 | 56 | 5 | 143 | 6 | 536 | 1435 |
| Outreach | | | | | | | | | | | | | | |
| Commercial Contacts | | 9 | 150 | 1 | 16 | 0 | 16 | 0 | 0 | 1 | 21 | 3 | 108 | 311 |
| Community Groups | | 0 | 76 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
| ALB Material Distribution | | 0 | 26 | 0 | 3 | 0 | 1 | 0 | 2 | 0 | 4 | 0 | 21 | 57 |
| | | | | | | | | | | | | New | Cum | |
| Total Compliance Agreements | | | | | | | | | | | | 6 | 878 | |
| | | | | | | | | | | | | Wk | Cum | |
| Industry Trainings | | | | | | | | | | | | 3 | 702 | |
| Limited Permits Issued | | | | | | | | | | | | 1 | 34 | |
| Regulated Establishment Employees Trained | | | | | | | | | | | | 31 | 1406 | |
| Quarantine Certificates Issued | | | | | | | | | | | | 22 | 834 | |
| EPO Details (one detail = 4 hour shift) | | | | | | | | | | | | 2 | 19 | |