

**PRISM**  
 (New York Partnerships for Regional Invasive Species Management)  
**NON-NATIVE PLANT INVASIVENESS RANKING FORM**

PRISM: Long Island Invasive Species Management Area

Scientific name: Microstegium vimineum                      USDA Plants Code: MIVI  
 Common names: Japanese stiltgrass, Eulalia, Nepalese browntop  
 Native Distribution: India and Asia, including Bhutan, China, Japan, Korea, Malaysia, Myanmar, Nepal, and Vietnam.  
 Date Assessed: 20 February 2008; 24 March 2008  
 PRISM Assessors: Gerry Moore  
 PRISM Reviewers: LIISMA Scientific Review Committee  
 Date Approved: 21 April 2008                      Form version date: 25 August 2008

New York Relative Maximum score: 85.00                      Date NY assessment approved: 21 April 2008  
 New York State Invasive Rank: Very High

**SUMMARY OF PRISM RANKING RESULTS:**

**Distribution:** Widespread

**Estimated number of infested sites:** 100+

**PRISM Invasiveness Rank:** Very High



**A. DISTRIBUTION AND ABUNDANCE (KNOWN/POTENTIAL):**

1. What is the species distribution and abundance in the PRISM?
- |  |             |
|--|-------------|
| A. Not present   | Not Present |
| B. Occurs in three or fewer natural areas (locations that are at least ¼ mile apart) with no infested area* >1 acre or containing >100 individuals | Restricted  |
| C. Present in 4–10 natural areas, or with one occupied location >1 acre or containing >100 individuals   | Common      |
| D. Present in >10 minimally managed areas  | Widespread  |
| U. Unknown   | Unknown     |

Answer: Widespread

Describe distribution:  
 Species has been observed in all counties of the PRISM in numerous habitat types.  
 Sources of information:  
 Brooklyn Botanic Garden, 2007.

\*Definition of “infested area” is the “...actual or percentage of land occupied by [canopy cover of] weed plants” NAWMA (North American Weed Management Association) 2002. North American Invasive Plant Mapping Standards (see <http://www.nawma.org/>).

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2. What is the likelihood the species will occur (if not yet present) or expand its distribution and abundance (if already present) in the PRISM?

Answer:

Documentation (e.g.: history of establishment in PRISM, suitability of habitats and climate, distribution models, literature, expert opinions):  
 Current distribution, literature, expert opinions.  
 Sources of information:  
 Weldy & Werier, 2005; Brooklyn Botanic Garden, 2007; Long Island Nature Conservancy, 2007.

### B. INVASIVENESS RANK IN THE PRISM:

Is the species distribution Widespread or Common?

Yes: Go to column A in table below.

No: What is the likelihood of species occurrence or expansion? Answer:

- Very Likely:                      Use column A below
- Moderately likely:            Use column B below
- Unlikely:                            Use column C below
- Zero likelihood                Invasive potential Insignificant
- Unknown                            Invasive potential Unknown
- Not assessed                    Invasive potential not assessed

Assign a PRISM invasiveness rank to the species based on its New York Relative Maximum Score, using the designated column in the table below.

New York Relative Maximum Score	New York Invasiveness Rank	INVASIVE RANK IN PRISM		
		A	B	C
> 80.00	Very High	VH	H	M
70.00-80.00	High	H	M	L
50.00-69.99	Moderate	M	L	Ins
40.00-49.99	Low	L	Ins	Ins
<40.00	Insignificant	Ins	Ins	Ins

**Column used: A (Insert PRISM Invasiveness Rank on page 1)**

#### References for species assessment:

Brooklyn Botanic Garden. 2007. AILANTHUS database. [Accessed on 31 December 2007 ].  
 Long Island Nature Conservancy. 2007. Personal communication with staff.  
 Weldy, T. and D. Werier. 2005. New York Flora Atlas. [S.M. Landry, K.N. Campbell, and L.D. Mabe (original application development), Florida Center for Community Design and Research. University of South Florida]. New York Flora Association, Albany, New York. [Accessed on 31 December 2007 ].

**Citation:** This ranking form for regions within NYS may be cited as: Jordan, M.J., G. Moore and T.W. Weldy. 2008. Invasiveness ranking system for non-native plants of New York. Unpublished. The Nature Conservancy, Cold Spring Harbor, NY; Brooklyn Botanic Garden, Brooklyn, NY; The Nature Conservancy, Albany, NY. Note that the order of authorship is alphabetical; all three authors contributed substantially to the development of this protocol.

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