

PRISM
NON-NATIVE PLANT INVASIVENESS RANKING FORM
 New York Partnerships For Regional Invasive Species Management

PRISM: Long Island Invasive Species Management Area

Scientific name: Eragrostis curvula USDA Plants Code: ERCU2
 Common names: Weeping lovegrass
 Native Distribution: Africa
 Date Assessed: July 31, 2008
 PRISM Assessors: Gerry Moore
 PRISM Reviewers: LIISMA SRC
 Date Approved: 2008-08-20 Form version date: 2008-07-24

New York Relative Maximum score: 57.14 Date NY assessment approved: 2008-08-20
 New York State Invasive Rank: Moderate

SUMMARY OF PRISM RANKING RESULTS:

Distribution: Widespread

Estimated number of infested sites: ca. 10

PRISM Invasiveness Rank: Moderate



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:
 Scattered in the LIISMA with perhaps as many as 10 sites; more field work needed to determine how widespread. Seen at a number of location in Gateway area in Queens County and Kings County; also seen in Suffolk County.
 Sources of information:
 Weldy & Werier, 2005; Brooklyn Botanic Garden, 2008; author's personal observations; Polly Weigand personal observations.

*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):
 Species is already present; much available habitat in the coastal systems, especially in the Pine Barrens.
 Sources of information:
 Author's personal observations.

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.

		INVASIVE RANK IN PRISM		
New York Relative Maximum Score	New York Invasiveness Rank	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

References for species assessment:

Brooklyn Botanic Garden. 2008. AILANTHUS database. [Accessed on August 12, 2008]

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 August 12, 2008.]

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

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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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