

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

PRISM: Long Island Invasive Species Management Area

Scientific name:	Silphium perfoliatum L. var. perfoliatum	USDA Plants Code: SIPEP
Common names:	Cup-plant	
Native Distribution	Central United States and Canada (not New England and mid-Atlantic)	
Date Assessed:	December 24, 2009	
PRISM Assessors:	Gerry Moore	
PRISM Reviewers:	LIISMA SRC	
Date Approved:	6 Jan. 2010	Form version date: 13 April 2009
New York Relative Maximum score:	<u>77.78</u>	Date NY assessment approved: <u>6 Jan. 2010</u>
New York State Invasive Rank:	<u>High</u>	

SUMMARY OF PRISM RANKING RESULTS:

Distribution: Restricted

Estimated number of infested sites: 3

PRISM Invasiveness Rank[§]: 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: Restricted

Describe distribution:
Noted in Queens, Kings and Richmond Counties in New York City parks. (Further inquiries are being made to see if some may have been planted.) Other occurrences require verification (e.g. Montauk)
Sources of information:
Brooklyn Botanic Garden, 2009; Weldy & Werier, 2009.

[§]Not Assessable: not persistent in the PRISM, or not found outside of cultivation.

*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):

Already in PRISM. No reason it would not expand its distribution.

Sources of information:

Brooklyn Botanic Garden, 2009; Weldy & Werier, 2009.

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	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. 2009. AILANTHUS database. [Accessed on .]

Weldy, T. & D. Werier. 2009. New York Flora Atlas. [S. M. Landry and K. N. Campbell (original application development), Florida Center for Community Design and Research. University of South Florida]. New York Flora Association, Albany, New York. [Accessed .]

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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