

**PUBLIC WORKS TECHNICAL BULLETIN 200-1-19
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**GUIDANCE FOR NON-NATIVE INVASIVE
PLANT SPECIES ON ARMY LANDS:
EASTERN UNITED STATES**



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ENVIRONMENTAL QUALITY
GUIDANCE FOR NON-NATIVE INVASIVE
PLANT SPECIES ON ARMY LANDS:
EASTERN UNITED STATES

1. Purpose. The purpose of this Public Works Technical Bulletin (PWTB) is to transmit current information on laws, planning, and technical analysis of herbicide reduction, and Best Management Practice (BMP) for a comprehensive non-native invasive plant control program that can be implemented at military installations.

2. Applicability. This PWTB applies to all Continental United States (CONUS) Army facilities.

3. References.

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b. "Army Policy Guidance for Management and Control of Invasive Species" Memorandum from the Assistant Chief of Staff for Installation Management [ACS(IM)], ATTN: DAIM-ED-N, 600 Army Pentagon, Washington DC, 20310-0600 (see Appendix E).

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4. Discussion.

a. On February 3 1999, former President William J. Clinton signed Executive Order 13112 for the prevention and control of non-native invasive species. As such, the "Army Policy Guidance for Management and Control of Invasive Species" (see [Appendix E](#)) was written in July 2001 to address EO 13112. The Army Policy Guidance is the Army's plan of action to address prevention and spread of non-native invasive species on Army lands. Currently there is no Army Regulation on non-native invasive species; historical and current data on the extent of coverage and impact of non-native invasive plant species found on military lands is lacking.

b. This document provides a comprehensive list of non-native invasive plant species (NNIPS) for terrestrial non-aquatic areas that were derived from state, county, and Federal, lists and expert opinions. Also included are basic overviews of the control, prevention, and monitoring of NNIPS that have proven successful. The techniques include many non-herbicide methods, which will help land managers reduce the use of herbicides on military lands.

c. [Appendix A](#) contains definitions, the background, and an overview of the current state of NNIPS found in the continental United States. [7 pages, 180KB]

d. [Appendix B](#) contains detailed information on Best Management Practice (BMP) including techniques, equipment, and herbicide applications that provide the greatest levels of success for many of the NNIPS that have been identified on military lands. Appendix B also lists sources of additional information. [25 pages, 111KB]

e. [Appendix C](#) presents general information on monitoring techniques and the importance of monitoring NNIPS, and offers recommendations of where to seek help. [6 pages, 38KB]

f. [Appendix D](#) [37 pages, 409KB] includes a list of NNIPS for the continental United States, it also includes NNIPS for east of the 100th Meridian. The lists were developed in conjunction with state and Federal experts on invasive species and weed and seed laws. Appendix D also contains individual species profiles for species of high risk to native ecosystems. The profiles were developed based on current Federal and state data. The [Primary NNIPS](#) [53 pages, 1,979KB] list contains species currently having wide distribution and ecological impact, for which private, state, and Federal land managers are actively controlling. The [Secondary NNIPS](#) [20 pages, 806KB] list contains species that in expert opinion are increasing at such a rate that they will soon become species of primary concern.

g. [Appendix E](#) provides invasive species laws and regulations, including Executive Order 13112 and "Army Policy Guidance for Management and Control of Invasive Species." [14 pages, 1,613KB]

h. [Appendix F](#) lists points of contact at the Federal, State, and university level for invasive species information and assistance. [24 pages, 68KB]

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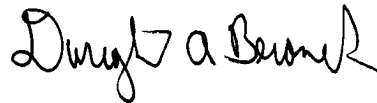
i. [Appendix G](#) includes sources for information pertaining to non-native invasive species control, monitoring, and identification. [9 pages, 33KB]

5. Points of Contact. HQUSACE is the proponent for this document. The POC at HQUSACE is Mr. Malcolm E. McLeod, CEMP-RI, 202-761-0206, or e-mail: Malcolm.E.Mcleod@usace.army.mil.

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