



**US Army Corps
of Engineers®**
Engineer Research and
Development Center

Product

Sources of Plant Materials for Land Rehabilitation

Technology

Sources of Plant Materials for Land Rehabilitation is a comprehensive database of plant material vendors (including vendors across the nation who specialize in indigenous plant materials) periodically updated and made available through the Internet. The list includes vendors of trees, shrubs, grasses, wild-flowers, and wetland plants.

Problem

Military training can be destructive to the environment. Environmental ills associated with heavy training include soil compaction, soil erosion, siltation of waterways and wetlands, increased threat of flooding, loss of wildlife habitat, declining biodiversity, and invasion by noxious weeds. Such environmental degradation has a negative impact on the training mission as well. Tactical concealment resources are lost. Realism of the natural environment is diminished. Heavily eroded areas become dangerous or impassable with tactical vehicles.

Among the many difficulties faced in planning and implementing a land rehabilitation project is procurement of appropriate plant materials for revegetation of damaged lands. To satisfy government procurement requirements and ensure a fair and reasonable price for materials, it is usually necessary to identify and solicit



bids from multiple vendors. Moreover, there is an increasing emphasis on the use of locally endemic or adapted plant species. These factors increase the demand to identify multiple commercial sources of regional or local sources of plant materials.

Expected Cost To Implement

This source list of plant materials for land rehabilitation is publicly accessible through the Internet free of charge.

Benefits/Savings

The *Sources of Plant Materials for Land Rehabilitation* database software provides military land managers and trainers with a comprehensive, up-to-date list of suppliers of native plant materials in the United States. Vendors are derived from state and county telephone directories, and from environmental organization sources. The developed list helps installations to quickly locate a broad (and cost-effective) range of locally available sources for appropriate plant materials for managing and repair of installation lands, and to help installations achieve long-term goals for sustainment of the revegetated areas.

Status

The *Sources of Plant Materials* database is complete and available via the Internet.

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Distribution Sources *Sources of Plant Materials for Land Rehabilitation* is presently available via the Internet through URL: <http://www.cecer.army.mil/nativeplant/planhome.htm>

Available Documentation The source list is Internet-based database software. Answers to frequently asked questions (FAQ's) and online contact information are provided through the *Sources of Plant Materials for Land Rehabilitation* site.

Available Training Users already familiar with using an Internet browser should be well equipped to use the online source list. Question may be directed to the program's listed contact: Heidi.R.Howard@usace.army.mil

Available Support Software demonstration modules are available through the *Sources of Plant Materials for Land Rehabilitation* web pages. E-mail support is also available via the Internet.