



Professional Program in Pest Management

“Invasive Species”

Start Date: March 1, 2010

End Date: March 26, 2010

Session Enrollment is limited to 15 persons

⇒ **Course developer:** *Dr. Nadilia Gomez*, Research Associate, Department of Entomology, University of Minnesota, 1980 Folwell Ave., St. Paul, MN 55108 with information provided by *Dr. Rob Venette*, Research Biologist, Northern Research Station, USDA Forest Service, 1561 Lindig St., St. Paul, MN 5510.

⇒ **For:** Employees of federal, State, and county agencies tasked with management of invasive species, pest and weed management professionals, individuals associated with conservation groups, volunteers involved in invasive species monitoring, crop consultants, and a wide array of Green industry professionals, master gardeners.

⇒ **The lessons will provide practical training on such topics as how to:**

- ✓ Define invasive species and distinguish between native, injurious, and invasive species.
- ✓ Understand the process of invasion and how entry of invasive species can be prevented.
- ✓ Understand the differences between prevention, eradication, suppression, and restoration.
- ✓ Recognize several traits that may make some species more invasive than others.
- ✓ Describe the consequences of the loss of natural enemies for an invasive species.
- ✓ Understand how management options relate to mechanisms of invasion.
- ✓ Understand general methods to increase species diversity.
- ✓ Distinguish between the two general methods to assess pest risk.
- ✓ Understand the criteria used to assess the probability of an invasive species to invade an area of interest.
- ✓ Understand the criteria used to determine the consequences of invasion.
- ✓ Recognize the economic, ecological, and social impacts of invasive species.

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