

[D R A F T]

TUSCARORA HOARY CRESS DEMONSTRATION PLOT

The Tuscarora hoary cress (*Cardaria draba*) demonstration plot will be located on private land in close proximity to Tuscarora and easily accessible for viewing during field trips. The demonstration area will be large enough (1 to 10+ acres) to show the effectiveness of treatments that could be reasonably applied to larger areas. This demonstration plot will not be designed as a scientific experiment with multiple treatments and appropriate statistical considerations, but rather to show obvious visual results of treatment(s) that are known to have a high likelihood of success. Therefore, only 1 or 2 treatments (e.g., 2 chemicals, 2 methods of application, etc.) will be implemented.

Tentatively, the Tuscarora Weed Containment Team proposes to apply 2 chemical treatments (e.g., comparing 2, 4-D with Panoramic or Escort) during 2010 at the appropriate stage of hoary cress growth to ensure best control results. Although the specific site for this demonstration has not been finalized, the area near the Tuscarora cemetery has been suggested and will be evaluated during a field trip in November 2009. If the area does not have sufficient desirable herbaceous understory, the plot will be fall-seeded with an adapted mix of fire-resistant species after the hoary cress has been controlled (typically within 2 or 3 years of chemical treatment). Field trips will be scheduled annually to view progress.