



Controlling Chinese Tallow in Coastal South Carolina

Matt Nespeca

Conservation Land Company, Inc



Outline

- Why Control Invasive Plants?
- Chinese tallow recommendations



Why control invasive plants?

- Timely and cost effective management of natural areas by reducing future maintenance and control costs.
- Allow for greater recreational access by controlling fast growing non-native vines and shrubs.
- Improve the scenic quality of an area by removing the wall of vegetation that can reduce visibility into forest, grasslands, lakes or marshes
- Allow for the long-term management of native grasses, forbs, shrubs and trees



Why control invasive plants?

Take home message:
Invasive plants negatively impact
natural areas and scenic landscapes



Wisteria
Chinese Privet
Parasol-tree



Kudzu



Chinese Privet



- Chinese Tallow: *Triadica sebifera*
 - A problem in coastal forests, pastures, roadsides and wetland areas
 - Pretty fall colors, not all landowners think that it is a problem
 - Many infestations near historic ricefields and marsh areas.





Chinese Tallow: *Triadica sebifera*

- Control Options
 - Tallow overstory
 - Hack and Squirt (Clearcast @ 50%)
 - Hack and Squirt (Habitat Herbicide @ 25%)





- Chinese Tallow: *Triadica sebifera*
 - Control Options
 - Foliar
 - 2% Clearcast plus surfactant (very selective)
 - 2% Habitat or 1% Arsenal AC plus surfactant (not near desirable hardwoods)
 - 4% Garlon 4 Ultra plus surfactant (for grass and overstory hardwood safety on terrestrial sites)
 - Foliar plots at ACE NWF (installed August, '07)



Untreated



64 oz. Clearcast



32 oz. Habitat



3 qts. Garlon 4

1 year after treatment



- Chinese Tallow: *Triadica sebifera*
 - Control Options
 - Considerations
 - What else are you trying to control?
 - Terrestrial or aquatic application?
 - Does the landowner have the willingness to follow through with a tallow control program (multiple applications over several years)?



Untreated



64 oz. Clearcast



32 oz. Habitat



3 qts. Garlon 4

1 year after treatment



- Chinese Tallow: *Triadica sebifera*
 - Heavy overstory recommendation
 - 3 year treatment schedule, selective control of tallow
 - Winter '09: Hack-and-Squirt of seed producing overstory with Clearcast Herbicide (50% v/v)
 - Summer '09: Foliar treatment of all sapling and emerging seedlings with Clearcast Herbicide (2% v/v, spray to wet)
 - Summer '10: Follow-up treatment for additional tallow regeneration with Clearcast herbicide (2% v/v, spray to wet)





Thank You

Invasive Plant Control Resource:
www.cwc-chemical.com/Invasive.htm

Matt Nespeca
Cell: 843-833-5250