

Longleaf Academy: Herbicides & Longleaf 201

January 10-11, 2024

Baruch Institute of Coastal Ecology and Forest Science

22 Hobcaw Road, Georgetown, SC

Agenda

Day One

- 8:30 am –9:00 am *Classroom open, coffee and refreshments*
- 9:00 am—9:30 am Welcome, Introductions, & Goals
- 9:30 am—10:00 20 am Lecture: Herbicide Introduction: Modes of Action, Avoiding Herbicide Resistance, and Developing Prescriptions — **Karen Brown, The Longleaf Alliance (TLA)**
- 10:20 am—10:40 am Break**
- 10:40 am—11:30 am Lecture: Herbicide Safety, Labelling and Licensing—**Katie Moore, Clemson University**
- 11:30 am—12:00 pm Classroom Exercise: Reading a Label
- 12:00 pm—1:00 pm Lunch provided**
- 1:00 pm – 1:50 pm Lecture: Application Techniques—**Jeff Tapley, Nutrien Solutions**
- 1:50 pm – 2:40 pm Lecture: Herbicide Choices for Site Prep—**Ad Platt, TLA**
- 2:40 pm – 2:50 pm Break**
- 2:50 pm—3:40 pm Lecture: Herbicides Choices for Herbaceous Release—**Karen Brown, TLA**
- 3:40 pm—4:30 pm Lecture: Problem Species & Suggested Treatments—**Jacob Barrett, TLA**
- 4:30 pm—5:00 pm Exercise: Introduce management scenario exercise
Begin to work on recommendations in small groups
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Day Two

9:00 am—12:00 pm **FIELD TOUR** of herbicide treated areas (on site)—**George Chastain, Hobcaw Barony**

9:00 am – 9:05 am Travel time

9:05 am – 9:35 am #1 Hack and Squirt treatment on midstory hardwoods

9:35 am – 9:40 am Travel time

9:40 am – 10:10 am #2 Broadcast treatment on understory sweetgums

10:10 am – 10:15 am Travel time

10:15 am – 10:45 am #3 Herbicide options for developing longleaf stand

10:45 am – 10:50 am Travel time

10:50 am – 11:20 am #4 Herbicide + fire treatment areas

11:20 am – 11:25 am Travel time

11:25 am – 11:55 am #5 Hexazinone treatments vs Control areas

11:55 am – 12:00 pm Travel back to classroom

12:00 pm—1:00 pm Lunch provided

1:00 pm – 1:30 pm Exercise: Calibration Principles and Demonstration— **Karen Brown, TLA**

1:30 pm – 2:20 pm Lecture: Invasive Species & Solutions
– **David Jenkins, South Carolina Forestry Commission**

2:20 pm—2:30 pm Break

2:30 pm – 3:20 pm Lecture: Ecological Restoration & Herbicides —**Jacob Barrett, TLA**

3:20 pm – 3:50 pm Exercise: Management Scenarios
• Work in groups to finalize recommendations

3:50 pm – 4:50 pm Management Scenarios Presentations & Discussions

4:50 pm – 5:00 pm Wrap up and Adjourn
