

POST-EMERGENT HERBICIDE TRIALS IN CONTAINERS

2021 RESULTS AND 2022 UPDATE

SFNMC 2022 ADVISORY MEETING

NOVEMBER 2, 2022

2021 POST-EMERGENT HERBICIDE TRIAL IN CONTAINERS

- **First** SFNMC post-emergent herbicide trial in CONTAINERS
- *Trial proposed by container nursery grower to control weeds appearing during the growing season – requires an over-the-top spray application*
- Selected Ronstar[®]Flo because of successful testing in containers as a pre-emergent (at sowing) herbicide in 2017, 2018, and 2019, and target weed listed on label (oxalis)
- Ronstar[®]Flo label reads ‘pre-emergence herbicide’ translating to applications made **prior to germination of WEEDS**

2021 POST-EMERGENT HERBICIDE TRIAL IN CONTAINERS

- Installed at Meeks' Farm and Nursery
- Spray applications made on:
 - 8-week-old loblolly
 - 8-week-old slash
 - 9-week-old longleaf
 - 10-week-old longleaf
- 2 treatments:
 - control – 0 oz/ac
 - treatment – 40 oz/ac

2021 POST-EMERGENT HERBICIDE TRIAL IN CONTAINERS RESULTS

- Fortunately for grower, 2021 season had very few weeds
- Unfortunately for trial, 2021 season had very few weeds – unable to quantify efficacy of post-emergent herbicide application on weed control
- No statistical differences seen between control and treated seedlings in any seedling characteristic measured*

*exception on 9-week-old longleaf, where treated plug dry weights were greater than untreated plug dry weights



RESEARCH REPORT 22-04

USE OF OXADIAZON IN OVER-THE-TOP APPLICATIONS
IN CONTAINERIZED PINE GROWING SYSTEMS

by
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2022 POST-EMERGENT HERBICIDE TRIAL IN CONTAINERS

- Second trial installed at Meeks' Farm and Nursery
- 2 treatments:
control – 0 oz/ac
treatment – 40 oz/ac
- Spray applications made on: 7-week-old longleaf
8-week-old longleaf
- As of October 2022, no visible damage to seedlings has been reported
- Seedling samples scheduled for collection in mid-November

QUESTIONS?

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