

# 2022 University of Nebraska-Lincoln Turfgrass Field Day

Wednesday, August 3 - UNL East Campus - 2150 N 38th St, Lincoln, NE

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|----------|-------------------------|
| 7:30 AM  | Registration            |
| 8:30 AM  | Morning Education Stops |
| 11:30 AM | Lunch                   |
| 1:00 PM  | Afternoon Tours         |

## Morning Education Stops

1. **Pushing Back Preemergence Applications for Better Late Season Control** *Matt Sousek, Turfgrass Research Manager*

Crabgrass and foxtail germinate at different times. Can an applicator adjust timing to control both species effectively and increase efficiency without compromising control? Results of a research investigating this strategy will be demonstrated and discussed.

2. **Buffalograss Update** *Keenan Amundsen, Turfgrass Geneticist*

The buffalograss breeding program continues to develop improved buffalograss genotypes and cultivars using contemporary and traditional breeding strategies to improve desirable traits in this unique and genetically challenging species. Learn what's new, or in the pipeline, in the program.

3. **What's in the bag?** *Roch Gaussoin, Extension Turfgrass Specialist*

A bag of grass seed may contain more than desirable seed, including undesirable species or cultivars, seed coatings, fertilizer or biostimulants. Discussion regarding these components, their advertised and actual value and the resiliency of these mixtures/blends will be demonstrated and discussed.

4. **Organic Weed Control** *Roch Gaussoin, Extension Turfgrass Specialist*

An effective, consistent, and reliable organic weed control system for turfgrass has been historically problematic. Recent research at UNL, conducted in collaboration with multiple turfgrass programs in the US has shown progress towards this elusive goal.

5. **Modifying Cultural Practices to Help Fight Turfgrass Diseases** *Kyle Broderick, Extension Educator-Plant Pathology*

Managing turfgrass diseases with fungicides is a common practice in highly managed turfgrass facilities. Many facilities do not have the budget, staff, or capacity to effectively use fungicides and use only primary cultural practices like irrigation, mowing and fertilization to manage their location. What can be done to optimize common management practices to decrease pathogen damage or increase recovery?

6. **I Didn't Plant That There! Managing Interlopers** *Kim Todd, Extension Landscape Specialist*  
Many landscape plants have the capacity to not only thrive but invade planting beds. "What are they?" & "How do I manage them?" will be discussed.
7. **What's bugging you?** *Kait Chapman, Extension Educator-Entomology*  
Turfgrass and the surrounding landscape offers safe and optimal refuge for many insects, some good and some not so good. Managing this diverse and complex environment is often confusing. Strategic and resilient management will be discussed, emphasizing insect pests most problematic in Nebraska.

#### Afternoon Tours (Choose 1)

1. **NTEP Turfgrass Variety Evaluations** *Keenan Amundsen, Turfgrass Geneticist*  
The National Turfgrass Evaluation Program (NTEP) is one of the most widely known turfgrass research programs in the world. The program is responsible for the unbiased evaluation of seventeen turfgrass species in forty U.S. states and six provinces in Canada. NTEP is a cooperative effort between the non-profit National Turfgrass Evaluation Program, Inc., and the United States Department of Agriculture (USDA). The University of Nebraska has participated in NTEP since its inception. This tour will look at the NTEP trails currently located at our east campus plots.
2. **All American Selections** *Terri James, Extension Educator-Horticulture*  
All-America Selections is an American organization which tests new varieties of seed for use in landscapes and promotes those judged to perform best through an awards scheme. AAS WINNERS are flowers and vegetables that have been "Tested Nationally & Proven Locally. <sup>™</sup>" Each AAS entry is tested for superior performance by horticulture professionals across North America. Selections will be discussed and displayed on this tour.
3. **Aerification Discussion & Equipment Demo** *Roch Gaussoin and Industry Representatives*  
Cultivation (aerification) is often viewed as one of the primary cultural practices with mowing, fertility, and irrigation. On highly managed golf course and sports field facilities it is an essential operation. This tour will include equipment demonstrations and discussion regarding aerification strategies, focusing on intensively managed playing surfaces.