

IPM Workshop for Safe Playing Fields: Keeping the Pests Out on a Budget

August 3, 2017: Coxsackie-Athens High School, Coxsackie, NY
Speakers: Dr. Frank Rossi, David Chinery, Mark Solan, Dr. Kyle Wickings, Dr. Jenny Kao-Kniffin, Joellen Lampman

Agenda:

- 8:30 to 9:00am** **Sign in and Logistics**
- 9:00 - 9:10** **Introduction:** What's in store, why we are here and the USDA Overseeding Study.
- 9:10- 9:40** **Growing Green Turf: the Basics:** Fertility, watering, mowing
How do you keep your sports fields healthy, thick and green without the use of pesticides? This session will cover some of the basics of sports turf care. It is an opportunity to hear about the current research into best management practices. This will include fertilizing, new research on mowing, and irrigating -or not- in the face of prolonged drought.
Dr. Frank Rossi, Cornell U. and David Chinery, CCE
- 9:40 to 9:50** **-Break-**
- 9:50 – 10:30** **Growing Green Turf:** Overseeding, seed selection, turf repair:
What's in a seed? This session will dig-in to seed selection and turf repair. Experts will talk about turf overseeding as a pesticide-free option for school and sports turf managers to grow thick healthy turf. We'll also tackle turf repair and dealing with damaged turf.
Dr. Frank Rossi, Cornell U. and David Chinery, CCE
- 10:30 – 10:40** **-Break-**
- 10:40 -11:10** **Weeds and Insects:** IPM Strategies for Long-Term Prevention of Weeds and Insects
Weeds and insects got you down? Integrated Pest Management will help you get the jump on pests before they cause you problems, and give you strategies for avoiding those problems in the first place. We'll discuss biological, mechanical, and cultural control strategies specific to controlling weed and insect pests. Additionally, we'll review pesticides that are exempt from the NYS Child Safe Playing Fields Act to discuss their strategic use in pest management.
Dr. Jenny Kao-Kniffin and Dr. Kyle Wickings, Cornell U.
- 11:10 – 11:50** **School IPM requirements:** Child-safe Playing Fields Regional DEC update and clarification with Q & A
If you have questions about what your options are for responding to pests and problems on your fields, here's a chance to listen in about

the NYS Child-Safe Playing Fields Act and ask questions from NYS DEC regional staff
Mark Solan, NYS DEC

11:50 – 12:30

Lunch and beverages provided

12:30 to 12:40

Walk to fields

12:40 to 2:00

Outdoors: Small Group Rotating Stations: **15 minute** at each station:
All participants will take a turn in each station.

Station 1

Turf Weed ID: We'll have a rogues gallery of broadleaf and grassy weeds for participants to inspect and identify. Hand lenses and microscopes will be available. This may include emerging weed species and will vary depending on location

- Japanese Stilt Grass
- Kyllinga
- Yellow nut sedge etc.
- Others as identified by site

Jen Stengle, CCE

Station 2

Turf insect pests: Monitoring and ID:

- Hairy Chinch Bug
- White Grubs
- Others as identified by site

Dr Kyle Wickings, Cornell U

Station 3

The Doctor is in: Tough Turf Questions and Answers.
Bring your tough turf questions to a duo of turf experts. This small group session will allow you to ask for advice on problems or concerns you face in the fields you manage.
Dave Chinery, CCE and Vicki Wallace, UConn

Station 4

Walking Tour of Weeds on Fields and Management Scenarios:
Walk with Dr. Kao-Kniffin in this problem-solving session to identify weed problems and discuss management techniques that suppress weeds on school sports fields. Strategy is key to controlling weeds, and we'll provide guidance on traffic management, cultivation techniques, and targeted use of soft (minimum risk) herbicides.

Station 5

Goose Deterrents, Devices & Deceits: What works and what doesn't work to keep Canada Geese off playing fields. Join Joellen Lampman of NYS IPM as she talk about evidence-based goose deterrent practices with health and safety in mind.
Joellen Lampman, NYS IPM

2:00- 2:10

Walk back inside

2:10-2:30

Assessing Tick Risk: Tick sweeping, Personal Protection and Removal.

Ticks have become a serious human health risk. Joellen Lampman of NYS IPM will cover what you need to know about these eight-legged pests to keep you, your staff and playing field users safe.

Joellen Lampman

2:30-2:50

Turf Overseeding Study Results: Learn how repetitive overseeding can keep your actively used sports fields healthy and safe without pesticides. We'll review the results of this multi-year, multi-state USDA study, headed by Dr Kao-Kniffin, and how you can use this technique. We'll discuss the specifics on grass variety types, time of year to seed, frequency of overseeding, and equipment recommendations to optimize seedling growth.

Dr. Jenny Kao Kniffin

2:50 to 3:00

Evaluations & Certificates

Speakers

David Chinery, Horticulture Turf Management Sr. Resource Educator
Cornell Cooperative Extension Rensselaer County

Dr. Jenny Kao-Kniffin, Assistant Professor
Horticulture Section, School of Integrative Plant Science
Cornell University

Joellen Lampman, School and Turfgrass IPM Extension Support Specialist
NYS IPM Program
Cornell University

Mark Solan, Pesticide Control Specialist 2,
Division of Materials Management
NYS DEC

Dr. Frank Rossi, Associate Professor
Horticulture Section, School of Integrative Plant Science
Cornell University

Dr. Kyle Wickings, Assistant Professor
Department of Entomology
Cornell University