

IPM Workshop: Entomology

Monday 18 June, 2018

Meet outside the Schutter Diagnostic Laboratory, get parking passes.

8:00-8:30 PBB 108 Housekeeping and introductions

8:30-12:00 field scouting, interactive activities, sweep netting

12:00-1:00 lunch at Plant Growth Center, second floor

1:00-1:30 Fabian Menalled – ‘Floral biodiversity, landscape structure, and pollinators in Montana’s cropping fields’

1:30-2:30 Frank Peairs: ‘Insecticide modes of action, selectivity and environmental fate’

2:30-3:30 Landscape ecology of the wheat stem sawfly

3:30-4:30: Jeff Bradshaw/Frank Peairs/David Weaver: ‘Focus on wheat stem sawfly: identification, management’ (hands-on splitting stems, identifying parasitoids, etc.) – graduate student involvement

4:30-5:30 David Weaver: ‘Use of technology to track and predict plant pests: iPIPE’

Group dinner at local restaurant

Tuesday 19 June, 2018

Meet in Plant Growth Center, room 211

Meet in Plant Growth Center, second floor lab

8:00-9:00 Marni Rolston, ‘Mosquitoes in Montana: Surveillance and Research’

9:00-9:30 Clain Jones, ‘Soil acidification and plant health effects’

9:30-10:00 Break

10:00-11:00 Aaron Clausen, NRCS: ‘Conserving and restoring pollinator habitat’

11:00-12:00 Adam Sigler, MSU Extension and Chris Kelley, MDA ‘Environmental fate of pesticides and implications for groundwater quality’

12:00-1:00 lunch [evaluations]

1:00-2:00 Ruth O’Neill: ‘Alfalfa weevil biology and management’ (hands-on, dissecting for parasitoids)

2:00-3:00 David Weaver: ‘Wheat stem sawfly: management on the landscape,’ group discussion

3:00-4:00 John Pitkin, Monsanto, Genetics of sawfly resistance

4:00-5:00 Tim Seipel, ‘AWaRe model, wheat streak mosaic virus and wheat curl mite’

5:00 finish evaluations and dismissal

