

**USDA APHIS PPQ Morphological Fungal Identification Techniques Workshop**

**MFIT Workshop Schedule**

**February 25-27, 2025 and April 8-10, 2025**

Time:	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>
8:30	Intro, overview, history of mycology and use of morphological characters in identification. Introduction to terms and literature resources.	Check single spore isolations. Question and Answer session covering Ascomycota anamorphs. Review of identified specimens and literature	Question and Answer session covering the previous day samples. Review of specimens and literature.
9:30	Hands-on intro to the microscopes	break	break
9:45	break	Lecture: Ascomycota sexual states: "Pyrenomycetes" and "Loculoascomycetes"	Lecture: "Other groups" ...Downy Mildews, Oddballs (?)
10:30	Lecture: Ascomycota asexual group Hyphomycetes		
11:30	11:15-12:30 Microscope work in the Hyphomycetes	Microscope work with Ascomycota sexual states	Microscope work, continue samples from Tuesday and add sexual Ascomycota states, Rusts and Smuts, Downy mildews and oddballs
12:30	lunch	lunch	lunch
13:30	Lecture: Ascomycota asexual group Coelomycetes	Lecture: Rusts and Smuts	Demonstration of Fungus Host database, MycoBank, MycoPortal and other resources
14:30	Single spore isolation presentation/ Microscope work focused on Coelomycetes	Microscope work, continue samples from Tuesday and add sexual Ascomycota states, Rusts and Smuts	Microscope work, continue samples from Tuesday and add sexual Ascomycota states, Rusts and Smuts, Downy mildews and oddballs
15:30	break	break	break
15:45	Microscope work, identification of Ascomycota anamorphs	Microscope work, continue samples from Tuesday and add sexual Ascomycota states, Rusts and Smuts	Continue microscope work, highlight any specimens sent by participants.
16:30	Microscope work, identification of Ascomycota anamorphs	Microscope work, continue samples from Tuesday and add sexual Ascomycota states, Rusts and Smuts	Wrap up, overview