

2022 Hemp Field Day Agenda

Session One

Time	Presenter	Topic	Affiliation	Description	Location
8:00 am - 8:30 am		Registration			Jordan Hall
8:30 am - 8:35 am	Larry Smart	Welcome	Cornell University		Jordan Hall
8:35 am - 9:00 am	Tim Sweeney	Regulatory Update	NYSDAM	Laws and regulations regarding industrial hemp	Jordan Hall
9:00 am - 9:15 am	Pat McKeage	Update on Cannabinoid Hemp	OCM	Laws and regulations regarding adult-use cannabis and cannabinoid hemp	Jordan Hall
9:15 am - 9:35 am	Neil Mattson	Controlled environments	Cornell University	Substrate Testing for Soilless Hemp Production and plant performance	Jordan Hall
9:35 am - 10:00 am	John Hanchar	Economics	CCE	Economics for grain, fiber, and cannabinoid hemp	Jordan Hall
Platinum Sponsor 10:00 am – 10:15 am	Donato Fraioli	Grow Dome	Air Structure American Technologies Inc	GrowDome, a rapidly deployable and portable air structure for growing Cannabis	Jordan Hall

Session Two – Choose one of two concurrent sessions

Group A:

Time	Speaker	Topic	Affiliation	Description	Location
10:45 am - 11:05 am	Maylin Murdock	Remote Imaging	Cornell University	Remote sensing imaging to help early disease diagnosis, sex determination, and other plant phenotypes.	McCarthy Farm
11:05 am - 11:20 am	Jacob Toth	Flowering time	Cornell University	Exploration of flowering time in different hemp varieties.	McCarthy Farm
11:20 am - 11:45 am	Field Exploration				McCarthy Farm

Group B:

Time	Speaker	Topic	Affiliation	Description	Location
10:45 am – 11:00 am	Lynn Sosnoskie	Weed Management	Cornell University	Weeds are a significant threat to hemp production, especially in the absence of registered herbicides. This presentation will review current research to describe the critical weed free period/crop competitiveness potential. We will also highlight physical weed control strategies in hemp and review herbicide trials in partnership with the IR-4 project to identify possible products for registration. We will also showcase hemp injury potential that could result from herbicide drift and carryover. <i>DEC credits: 0.25</i>	Loomis Farm
11:00 am – 11:15 am	Chris Smart	Disease Management	Cornell University	Disease management. Root rots and damping off are a significant problem for hemp growers. This 15-minute presentation will highlight symptoms and control strategies for these issues including cultural practices and commercially available disease control products. <i>DEC credits: 0.25</i>	Loomis Farm
11:15 am – 11:30 am	Heather Grab & Marion Zuefle	Insect Management	Cornell University & CCE	This session will cover the most common insects found in hemp. It will also stress the importance of correct identification in determining whether an insect is a potential pest or a beneficial. Finally, in this presentation the life history of the pests will be discussed, as well as the importance of using thresholds, and management options available if thresholds are met. <i>DEC credits: 0.25</i>	Loomis Farm
11:30 am – 11:45 am	Judson Reid	High Tunnel Soil	CCE	To develop healthy soils and crop resistance to root zone pathogens, practices that promote nutrient and microbial balance will be discussed. These practices reduce the likelihood of diseases in the rootzone by improving the physical, chemical and biological properties of high tunnel soils. <i>DEC credits: 0.25</i>	Loomis Farm

12:00 pm – 1:15 pm	Lunch			Jordan Hall Pavilion
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Session Three – Choose one of the two concurrent sessions

Group A:

Time	Speaker	Topic	Affiliation	Description	Location
1:30 pm - 1:45 pm	George Stack	Diploid and Triploid Varieties	Cornell University	Understanding the differences between diploid and triploid hemp varieties.	Research North
1:45 pm - 2:00 pm	Jamie Crawford & Luis Monserrate	Grain/Fiber Trials	Cornell University	Description of the performance of hemp fiber and grain varieties.	Research North
2:00 pm - 2:15 pm	Zach Stansell & Tyler Gordon	USDA Genetics Trial	USDA	Description of the USDA trial with multiple hemp accessions.	Research North

Group B:

Time	Speaker	Topic	Affiliation	Description	Location
1:30 pm - 1:45 pm	Chris Smart	Disease Management	Cornell University	Powdery mildew is a significant problem for high tunnel hemp growers. This 15-minute presentation will highlight the host range of the powdery mildew fungal pathogen that is common here in New York. It is important for growers to understand the host range of the pathogen to avoid having powdery mildew moving between crops. <i>DEC credits: 0.25</i>	Loomis Farm
1:45 pm - 2:00 pm	Judson Reid	High Tunnel Biocontrol	CCE	In this session we will discuss and observe integrated pest management techniques for <i>Cannabis sativa</i> production in soil-based greenhouses (high tunnels). Participants will practice scouting for common arthropod pests such as Two Spotted Spider Mite and Aphids; while learning about the potential introduction of natural enemies (biological controls) including predatory mites and aphid midges. <i>DEC credits: 0.25</i>	Loomis Farm
2:00 pm - 2:15 pm	Savanna Shelnut	High Tunnel Trials	Cornell University	Given the high incidence of disease in high tunnels, it is crucial to understand how to maintain these indoor systems to keep the plants healthy. In this session, we will explore different varieties and how they respond in high-tunnel environments. We will also explore different methods to keep high-tunnel plants healthy, including soil, spacing between plants, and irrigation. <i>DEC credits: 0.25</i>	Loomis Farm

Session Four

2:30 pm - 3:00 pm	Bailing and Harvesting Demo				Research North
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