

Walnut Council/Northern Nut Growers Association/Chestnut Growers of America 2023 Meeting Agenda

(As of 4/24/2023, subject to change)

Sunday, 23 July

- 10:00 – 11:30 **Walnut Council Foundation Board of Directors Meeting**, Hampton Inn Columbia at the University of Missouri (guests welcome)
- 12:30 – 3:30 **Walnut Council Board of Directors Meeting**, Hampton Inn (guests welcome)
- 3:30 – 7:00 **Registration**, Anheuser Busch Natural Resource Building (ABNR) Lobby
- 3:30 – 6:00 Set up Posters, Exhibits, and Silent Auction, ABNR Lobby and Room 123
- 4:30 – 6:00 **Dinner TBD**
- 5:45 – 7:00 **Welcome Reception**, ABNR Lobby
- 6:00 – 7:00 **Poster Session**, (see listing of potential posters on pg 4)
- 7:10 – 8:30 **Show and Tell**, ABNR Conservation Hall
- 7:10 – 7:20 Welcome, Mike Gold, Session Moderator
- 7:20 – 7:30 Charlie Novogradac, Construction and Operation of a Low-Cost Air Cleaner For Small Chestnut Orchards
- 7:30 – 7:40 Jeff Polfer, Abundant Harvests, Soil Health, Nutrients and Plant Health
- 7:40 – 7:50 Open
- 7:50 – 8:00 Bill Hammitt, Establishing Clover Cover Crops in Black Walnut Plantations
- 8:00 – 8:10 NNGA Cultivar Inventory Database
- 8:10 – 8:20 Rick Hartlieb, Setting Up a New Diversified Orchard with Hazelnuts and Chestnuts
- 8:20 – 8:30 Mike Gold, Monday field day logistics

Monday, 24 July

There is an all-day tour at the HARF or choose one morning tour at HARF and afternoon at Walnut Council member Mike Trial's property to tour timber management.

- 7:50 – 8:45 **Travel on your own to Horticulture and Agroforestry Research FARM (HARF)**, 10 Research Center Road, New Franklin
- 8:45 – 9:00 Ron Revord, Welcome
2 different wagon tours and 1 walking tour concurrent, repeated during the day.
(*Black walnut will be discussed in tours 2 and 3, choose one tour before lunch*)
- 9:00 – 11:00 **Tour 1 (Wagon Near Loop)**: Chestnut Repository 1; Chestnut Cultivar Trial; and Chestnut Repository 2
Tour 2 (Wagon Far Loop): Northern Pecan Repository; Hazelnut Breeding Block; and Black Walnut Mapping Populations and Selection Trial
Tour 3 (Walking): Black Walnut Repository and Progeny Block; Precocious Swamp White Oak Planting; Hazelnut Selection and Cultivar Traits
- 11:00 – 12:30 **Concurrent Demonstrations** around Hay Barn: Chestnut, Pecan, and Walnut Harvesters; Electric Deer Fencing; Drones for Insecticide Applications; Orchard Irrigation Considerations; Elderberry Culture and Weed Management Trial; Grafting and Control Pollination videos
- 11:30 – 12:30 **Lunch**
- 12:15 – 1:00 Drive to Alternate Timber Management Field Tour at Mike Trial property, 301 North Highway UU, Columbia
- 1:15 – 1:30 Welcome at Mike Trial property field tour
- 1:30 – 4:00 **Black Walnut Plantation Tour** with topics to include:

- Small sawmill operations, demo/discussion of thinning a plantation and utilizing the cut trees as sawmill logs
- Removing fescue from plantations and replacing with cover crops or warm season grasses/forbs
- Invasive species control demo/discussion, removing woody invasives such as bush honeysuckle and autumn olive.

12:30 – 4:30 For those who stayed at HARF: HARF Tours 1, 2, and 3 repeat two times
 4:00 – 5:00 Return to Columbia
 5:30 – 7:00 **Dinner on your own**
 7:00 – 7:30 **Poster Session**
 7:30 – 9:30 **Live Auction** in ABNR Conservation Hall. Proceeds will be used to support tree related research and special projects.

Tuesday, 25 July

7:00 – 8:00 Coffee available in ABNR Lobby
 7:45 – 8:15 **Walnut Council Business Meeting**, Agriculture Science Building
 7:45 – 8:15 **NNGA Business Meeting**, ABNR 210
 8:20 – 8:30 **Technical Presentations: Welcome/Overview**, Mike Gold, ABNR 210
 8:30 – 9:15 Ron Revord, **Keynote Presentation** -Updates on UMCA Chestnut and Other Nut Tree Research
 9:30 – 3:00 **Companion Program**, Meet in Lobby of Hampton Inn. Sites to be determined, lunch included with companion registration.

Concurrent Session B Presentations, Agriculture Sciences Building

Attendees can choose whichever session (A or B) or switch between sessions. Concurrent B are expected to be of most interest to Walnut Council members. See Concurrent session A listing below for sessions on chestnut, hazelnut, pecan, and pawpaw.

9:20 – 9:40 Thomas Goff – Current Status of the Walnut Resource
 9:40 – 10:00 Brian Brookshire – Eastern Black Walnut, An Industry Perspective on Domestic and International Lumber and Log Markets
 10:00 – 10:20 Q and A for Goff and Brookshire
 10:20 – 10:40 Break
 10:40 – 11:00 Tim Martinson – Economics and the Walnut Council
 11:00 – 11:20 Lenny Farlee – Timber Taxation and Expenses: Resources to Navigate
 11:20 – 11:40 Joe Alley – NRCS Updates and New Cost-Sharing Opportunities
 11:40 – 12:00 Q and A
 12:00 – 1:00 Lunch
 1:00 – 1:20 Shaneka Lawson – Growth Patterns and Soil Suitability Studies in *Juglans nigra* L. and *Quercus rubra* L. plantations
 1:20 – 1:40 Jerry Van Sambeek – Hardwood Fertilization for Timber and Nuts
 1:40 – 2:00 Q and A
 2:00 – 2:20 Break and Closing of the Silent Auction
 2:20 – 2:40 Stephanie Adams/Fredric Miller – Oak Decline and Death in Illinois: What Role Does *Phytophthora* Play in Overall Tree Decline?
 2:40 – 3:00 Bruce Moltzan – National Perspective on Forest Health Issues
 3:00 – 3:20 Matt Ginzel – Hardwood Tree Improvement & Regeneration Center’s Strategic Responses To Forest Health Threats
 3:20 – 3:40 Q and A

- 3:40 – 4:00 Ben Knapp/John Kabrick – Contributions of Hardwood Forest Management to Climate-smart Forestry
- 4:00 – 4:20 Brian Schweiss and Hank Stelzer – The White Oak Initiative Update
- 4:20 – 4:40 Lauren Pile Knapp – Controlling Invasive Plants and Grape Vines in Hardwood Plantings
- 4:40 – 5:00 Q and A

Concurrent Session A Presentations, ABNR Conservation Hall

This session on nut tree crops occurs concurrently with the walnut/forest management session. Attendees can choose whichever session they prefer or switch between sessions.

- 9:20 – 9:40 Jeanne-Romero-Severson, AIMS: Update on Chestnut Ancestry
- 9:40 – 10:00 Mike Nave, Cross Species Breeding for Eastern Chestnut Growers
- 10:00 – 10:20 Greg Miller, Grafts vs Seedling for Chestnut Production
- 10:20 – 10:40 Break
- 10:40 – 11:00 Amy Miller, Our Experience with Oak Wilt in Our Chestnut Orchards
- 11:00 – 11:20 Seth Gillium, Success, Challenges, and Opportunities of Scaling Regenerative Agroforestry with Chestnut Trees
- 11:20-11:40 Louis Naeger, Planning for Farm Succession
- 11:40 – 12:00 Charlie Novogradac, Practical Tips, Cautions, Observations, Tried, and Yet to Be Ideas on Establishing Chestnut Orchards Organically
- 12:00- 1:00 Lunch
- 1:00 – 1:10 Jesse Marksohn, The Case for Chestnut Flour: Early Research and Findings
- 1:10 – 2:00 Chestnut Marketing, Mike Gold, Moderator
Amy Miller – Route 9 Co-op; Roger Blackwell- New Era Chestnuts; Roger Smith-
Prairie Groves Chestnut Growers; Debbie Milks – Chestnut Charlie’s Organic Nuts;
Tom Wahl – Red Fern Farm; Dale Black – Chestnut Ridge of Pike County
- 2:00 – 2:20 Break and **Closing of the Silent Auction**
- 2:20 – 2:40 Thomas Molnar, An Update on New Cultivars from Rutgers Univ. and Strategies for Propagation
- 2:40 – 3:00 Dan Jacobs, Making Informed Decisions on Pollinizer Selection and Distribution Throughout a Hazelnut Orchard
- 3:00 – 3:20 Nick Meier, Breeding for Durable EFB Resistance Through the Hybrid Hazelnut Consortium
- 3:20 – 3:40 Jason Fischbach, Updates on Hazelnut Germplasm and Industry Development from the Upper Midwest Hazelnut Development Initiative
- 3:40 – 4:00 Warren Chatwin, Picturing Pecans: New Cultivar Releases and Modernizing the USDA ARS Pecan Breeding Program
- 4:00 – 4:20 Dan Shepherd, My Mistakes In 50 Years of Being a Pecan Farmer
- 4:20 – 4:40 Ron Powell and Neal Peterson, Pawpaw Culture
- 4:40 – 5:00 Rodney Dever, Who Needs Pawpaw Cultivars?
- 5:00 – 6:00 Silent auction bidders pick up items
- 6:15 – 7:00 **Social** with cash bar
- 6:30 – 6:45 **Group Photo**
- 7:00 – 8:00 **Banquet**, Brewer Field House
 - 8:00 – 8:30 **Keynote Speaker**, Shawn Mehlenbacher
 - 8:30 – 9:15 NNGA/Walnut Council/Chestnut Growers of America Announcements and Awards

Wednesday, 26 July

8:15 – 12:00	Session C Presentations, ABNR Conservation Hall
8:15 – 8:30	Announcements, Greg Miller, President, NNGA
8:30 – 9:20	Mark Coggeshall, Ron Revord, and Nick Meier, Past, Present, and Future of Black Walnut Breeding at the University of Missouri Center for Agroforestry
9:20 – 9:40	Doug Wallace, Using NRCS Web Soil Survey for Evaluating and Developing Tree Plantings
9:40 – 10:00	Chung-Ho Lin, Exploring the Economic Opportunities and Health Benefits of Black Walnuts
10:00 – 10:20	Break
10:20 – 10:40	Bill Stouffer, Alley-cropping, Tree Management, and Nut Production
10:40 – 11:00	Josh Payne, Cover Crops and Soil Health Impacts for Orchards and Tree Plantings
11:00 – 11:20	Samantha Bosco, Updates on Efforts to Map the Demand for Agroforestry – Research Gaps, Bottlenecks, and Possible Solutions
11:20 – 11:40	Brian Hammons and Pierce Hollingsworth, Nut Markets for the 'BOLD, WILD Walnut' – Flavorful, Healthy & Sustainable.
11:40 – 12:00	Announcements/Closing

Poster Presentations, ABNR Lobby

Sunday July 23, 6:00-7:00 & Monday July 24, 7:00 -7:30 (*posters subject to change*)

- Casey Calvert and Tim Martinson, Forestry Co-ops: A Model to Consider
- Aziz Ebrahimi, et al. – Conserving Threatened Butternut Trees Using a Multi-nomics Approach
- Carrie J. Fearer and Anna Conrad, Walnut Witches'-broom Disease: A Threat to Butternut Restoration
- Max Huchteman, Weed Management Trials in Elderberry
- Caleb Kell, et al. – Mixed Nuts: Evaluating Field Performance and Improving Regeneration of Pure and Hybrid Butternut
- Sarah Phipps and Rosalee Knipps, Where are We on Thousand Cankers Disease?
- Shaneka Lawson, Swamp White Oak precocity
- Shaneka Lawson, Soil suitability and tree growth
- Amy Miller, Chestnut Anthracnose aka Blossom End Rot
- Tim Martinson and Greg Vogel – Walnut Council Impacts: Results of Survey of Number and Size of Walnut Plantation
- Jim McKenna, Blight Resistance of OxO American Chestnut in Indiana
- Jim McKenna, Bark Cracking of Walnut Trees - a Tough Nut to Crack
- Nolan Monaghan, Quantitative Trait Loci Mapping in Eastern Black Walnut
- Sydney Moore, Genotype x Environment Cultivar Trial
- Ron Revord, Ozark Chinquapin Conservation
- Andrew Thomas, et al., Shaking Black Walnut Trees for an Earlier and More Valuable Nut Harvest
- Michele Warmund and Jerry Van Sambeek, Improving walnut seed germination with GA 4+7 pre-stratification treatments