

AG Update & News

Winter-Spring 2023-2024

Middle TN Grain Conference Announced for Tuesday, Jan. 30, 2024



Harvest is wrapping up, fields are being amended, and the end of the year is just one flip of the calendar away. On your new calendar,

save Tuesday, January 30th for the 18th annual Middle Tennessee Grain Conference at the University of Tennessee Space Institute (UTSI), located at 411 B.H. Goethert Pkwy in Tullahoma, TN.

Reliably one of largest and most comprehensive row crop meetings in the state, the mission of the Middle Tennessee Grain Conference (MTNGC) is to offer practical insights and real-life solutions to emerging crop production issues. From local County Extension Agents to top-tier Extension Specialists, our Extension team leverages hundreds of years of combined experience to bring you un-biased, research-based information you can count on. In addition, the MTNGC will once again offer one of the area's largest trade shows with industry professionals sharing what's new, efficient, and effective.

REGISTRATION INFO: An emphasis is being placed on pre-registration with a deadline of January 19 through local County Extension Offices. Pre-registration cost is only \$10 per person thanks to the generous support of our sponsors and the participation of our tradeshow vendors. Late registration is \$20 per

person. Please pre-register. These fees help offset the cost of program materials, equipment, signage, take-home resources, and conference hats (one per person).

Doors will open at 7:30am for networking and access to the trade show. Opening remarks start at 8:30am in the auditorium with the "weather talk" (Winter Analysis, Spring Outlook, and Growing Season Predictions) after updates from our partners at the Tennessee Corn & Tennessee Soybean Promotion Councils. Breakout sessions will begin at 9:45am with topics including Weed Management / Dicamba Update, Agronomics of Cover Crops, Mehlich 3 vs. Mehlich 1 Soil Test Values & Soil Correlation for P & K in Soybeans, Pesticide Application Using Unmanned Aircraft, Value-added Marketing with Barley Production & Distillers Needs, and Grain Marketing / Risk Management.

This year's conference is supported and made possible by several industry partners; of special note, the Tennessee Corn Promotion Council and the Tennessee Soybean Promotion Council. Refreshments throughout the day are being sponsored by Koch Agronomic Solutions. "Weather Talk" courtesy of Nutrien Ag. Solutions. Grain Conference Hats provided by Woodall Grain Company. Lunch provided by "The View" Dining Hall and graciously sponsored by GreenPoint Ag.

Following the scenic meal there will be an opportunity to participate in a Dicamba recertification training. At adjournment, participants will turn in completed evaluations at the information booth to receive a conference hat and take-home resources. Available Credits/Points: Certified Crop Advisor, Commercial Pesticide Applicator, Farm Manager, & Master Row Crop. For more info,

contact your UT-TSU Extension Office:
<https://utextension.tennessee.edu/office-locations-departments-centers/>

The University of Tennessee and Middle Tennessee Grain Conference are equal opportunity providers.

Through its mission of research, teaching and extension, the University of Tennessee Institute of Agriculture touches lives and provides Real. Life. Solutions. ag.tennessee.edu.



Much like the Middle Tennessee Grain Conference, we are very excited to offer the first “synchronous” Master Gardener Class. In addition to our usual classes, participants will be given links to view a set of zoom classes for a more in-depth discussion and beginner’s level information. The goal of the class is to improve your understanding and knowledge of how plants grow and to meet others with similar interests. Graduates of the program are encouraged to give back to the community by participating in some activities of the County Master Gardener Association. Activities include community landscaping, continuing education, and assisting with future Master Gardener activities.

The classes will be held at the Warren County Administrative Building beginning at 6:00 PM. The cost for the class is \$125 for individuals or \$150 for those sharing a book. Fee covers all materials, classes, refreshments, and the Tennessee Master Gardener Handbook widely known as the recognized authority for all thing’s horticulture. For a complete schedule or to register, please call or come by the UT -TSU

Extension office at 201 Locust St. McMinnville, TN 37110.

Beginning Beekeeper’s Course Offered



The Warren County Beekeeper’s Association will offer their annual beginner’s beekeeping class on Saturday, February 24 9:00 AM until 3:00 PM at the Magnolia Room of the

Warren County Administrative Building. Cost for the course will be \$20.00 and will include the course, refreshments, lunch and the book “Beekeeping in Tennessee” which is widely known as the go-to book in the beekeeping industry. Topics to be covered in the course include: bee biology and the colony, disease and insect problems, hive construction, honey production and extraction, and much more. The goal of the class is to teach new beekeepers everything the need to know about bees for their first year of production, with the safety net of having a group of experienced beekeepers as mentors and being part of the club, which meets the second Thursday of each month at the Administrative Building beginning at 6:30 PM. To register for the class, simply call the UT-TSU Extension Office here at (931) 473-8484 and register; all payment will be collected at the door on the day of the class.



Master Farm Manager-

This spring we are proud to offer the second annual Master Farm Manager class. The master farm manager program was developed by the UT Center for Farm Management that will benefit those new and those more experienced by providing a better

understanding of the business side of agricultural enterprises. Successful competition will entitle participants to 50% cost share opportunities with the Tennessee Agricultural Enhancement Program. The schedule of the class is listed below:

Feb. 1st- Tax Planning and documents – Alan Galloway, UT Center for Farm Management

Feb. 8th- Value added marketing pros and pitfalls- Rachel Painter, UT Center for Profitable Agriculture.

Feb. 15th – Managing Inputs and Economic Outlook, Dr. Aaron Smith, Univ. of TN Department of Ag Economics.

Feb. 22nd- Understanding and creating financial statements and general farm economics, Colton McClanahan, Farm Credit Services.

Feb. 29th – Planning for the future, Kevin Ferguson, UT Center for Farm Management.

All classes will begin at 6:00 PM at the Coffee County Farm Bureau Meeting Room located at 225 East Main Street Manchester, TN 37355. Cost for the course is 100.00 and covers all refreshments, materials, etc. To register please come please call or come by the Extension office.

UT Crops Standardized Variety Plot Results

Listed below are the results from the Corn and Soybean Plots. The first is corn, followed by

Hybrid	Gross Weight	% M	Dry Bushels	Test Weight
Dyna-Gro 55VC80	1760	14.50%	252.32	61.1
LG 66C44 VT2P	1787	14.70%	240.68	59.0
AgriGold 645-16 VT2P	1712	14.80%	227.97	60.8
Progeny 9114 VT2P	1620	13.00%	221.02	63.0
Crows 14-60 TreRIB	1572	13.70%	210.24	60.2
DeKalb 65-95 VT2P	1544	14.00%	208.95	59.0
Revere 1627 TC	1554	14.70%	207.88	61.2
DeKalb 65-99 TRE	1496	14.50%	202.66	58.8
Dyna-Gro 54VC14	1494	14.00%	202.18	59.0
Revere 1577 VT2P	1494	14.70%	201.91	59.3
Dyna-Gro 54VC34	1454	12.50%	198.84	63.0
Pioneer P1608 YHR	1462	14.90%	198.49	62.2
Croplan 5550	1316	14.00%	178.70	60.0
Dyna-Gro 56TC44	1286	14.10%	175.63	58.3
DeKalb 66-06 TRE	1132	14.90%	150.05	60.6
Progeny 2215 TRE	1094	14.70%	145.60	59.4
		Avg	201.4	

Xtend beans. The following results are from Austin Barry and Marvin Lusk Enlist plots. Many thanks to them for working with the plots.

Hybrid	Gross Weight	% M	Plot Length feet	Plot Width feet	Acre	Wet Bushels	Dry Bushels
Dyna-Gro S45XF02	445	13.50%	597	6	0.08	90.19	89.67
NK 42-T5XF	440	13.90%	597	6	0.08	89.18	88.26
Armor	425	12.90%	597	6	0.08	86.14	86.24
Pioneer P44A21X	410	13.20%	597	6	0.08	83.10	82.91
Revere 4237XFS	395	14.10%	597	6	0.08	80.06	79.05
Progeny 4505RXS	385	13.40%	597	6	0.08	78.03	77.67
Revere 4526 XFS	380	13.30%	597	6	0.08	77.02	76.75
NK 44-J4XFS	380	14.00%	597	6	0.08	77.02	76.13
Crows F4551S	365	13.30%	597	6	0.08	73.98	73.72
Crows F4051	365	14.00%	597	6	0.08	73.98	73.13
Dyna-Gro S42XF93S	315	12.90%	597	6	0.08	63.84	63.92
Asgrow 45XF3	315	13.40%	597	6	0.08	63.84	63.55
Revere 4299XS	265	13.00%	597	6	0.09	51.56	51.56
						Avg	75.6

Hybrid	Gross Weight	% M	Plot Length feet	Plot Width feet	Acre	Wet Bushels	Dry Bushels
Dyna-Gro S41EN72	215	13.90%	340	5	0.04	98.38	97.36
NK 42A6E3S	210	14.00%	340	5	0.04	96.09	94.98
Merschman Atlanta 2445E	180	14.40%	300	5	0.03	93.34	91.84
Merschman Kennedy 1936E	190	14.30%	320	5	0.04	92.37	90.99
Pioneer P40A36E	200	14.00%	340	5	0.04	91.51	90.46
NK 52-D6E3	175	15.10%	330	5	0.04	82.50	80.51
Armor 46E43	180	15.20%	364	5	0.04	76.93	74.99
Dyna-Gro S45ES10S	150	14.30%	315	5	0.04	74.08	72.97
Pioneer P45A81E	145	14.40%	310	5	0.04	72.77	71.60
Dyna-Gro S48EN73	155	14.20%	360	5	0.04	66.98	66.06
Revere Inn. 4233E3S	135	15.50%	325	5	0.04	64.62	62.77
Merschman Truman 2338E	135	14.20%	352	5	0.04	59.67	58.84
Pioneer P42A84E	130	14.10%	346	5	0.04	58.45	57.71
Merschman Eisenhower 2439E	125	14.50%	335	5	0.04	58.05	57.05
Merschman Austin 2040E	125	14.00%	340	5	0.04	57.20	56.54
NK 44-Q5E3S	120	14.20%	356	5	0.04	52.44	51.72
						Avg	73.5



Master Small Ruminant online class coming Spring of 2024

The Master Small Ruminant Producer program is designed to service the educational needs of sheep and goat producers in Tennessee. The program gives sheep and goat producers a combination of classroom teaching and hands-on learning experiences. The learning sessions provide opportunities for producers to increase knowledge and skills needed to apply management practices necessary for profitability and sustainability of the sheep and goat industry. Educational sessions are delivered by your local UT-TSU Extension county agent.

Any sheep or goat producer is welcome to attend! Beginning and advanced producers will

Hybrid	Gross Weight	% M	Plot Length feet	Plot Width feet	Acre	Wet Bushels	Dry Bushels
Pioneer P42A84E	365	12.80%	537	6	0.07	88.12	88.32
NK 42A6E3S	345	13.00%	537	6	0.07	83.29	83.29
Merschman Dallas 2348E	345	14.30%	537	6	0.07	83.29	82.05
Pioneer P40A36E	335	13.20%	537	6	0.07	80.88	80.69
Revere Inn. 4233E3S	335	13.40%	537	6	0.07	80.88	80.50
Merschman Austin 2040E	330	13.00%	537	6	0.07	79.67	79.67
NK 44-Q5E3S	330	14.30%	537	6	0.07	79.67	78.48
Merschman Kennedy 1936E	330	14.30%	537	6	0.08	76.48	75.34
Merschman Eisenhower 2439E	310	13.20%	537	6	0.07	74.84	74.67
Armor 46E43	310	13.50%	537	6	0.07	74.84	74.41
Merschman Memphis 2346E	280	13.80%	537	6	0.07	67.60	66.98
NK 52-D6E3	280	14.20%	537	6	0.07	67.60	66.67
Dyna-Gro S45ES10S	285	14.60%	537	6	0.08	66.05	64.84
						Avg	76.6

find the program useful to help with their operations. Certification will enable participants to receive 50% cost share with TAEP

For more information and to check the dates of the class, please visit: animalscience.tennessee.edu/small-ruminants/. Additionally, from this website you can sign up for the UT small ruminant e-mail list and never miss an update.

TAEP 2024 Important Dates

- Mid- Dec 2023-** Approval applications mailed
- Jan 2024-** Approval Packets mailed
- March 1, 2024-** Decline Funding Deadline (*hay and livestock equipment*)

April 1, 2024- Reimbursement Request Deadline (*hay and livestock equipment*)

May 1, 2024- Decline Funding Deadline (*genetics*)

June 1, 2024- Reimbursement Request Deadline (*genetics*)

July 1, 2024- Decline Funding Deadline (*all other programs*)

August 1, 2024- Reimbursement Request Deadline (*all other programs*)

Timber Sale Workshop

UT-TSU Extension of DeKalb and Warren Counties are partnering with Extension forester Dr. David Mercker to conduct a timber sale workshop.

This workshop will address the following considerations prior to selling your timber. Topics to be included are: steps in marketing timber, options for treating degraded hardwood stands, avoiding diameter limit cutting, contract and tax considerations.

The workshop will be held at the UT-TSU Dekalb County Extension Office located at 712 S. Congress Blvd. Smithville, Thursday, February 29, 9 AM – 1 PM. There is no cost for the event but preregistration is required. To register please call 931-473-8484.

For more information regarding these or any other agriculture program, please contact Heath Nokes at 931-473-8484 or hnokes@utk.edu.

Sincerely,



Heath Nokes, Extension Agent