

2010 Manure Expo Continuing Education Opportunities

Updated June 17, 2010

KEY - Look for these symbols listed next to sessions to indicate continuing education opportunities*

*In all cases 1 credit is given for each 50 min session including those where two 25 min topics are combined into one session

49 = PA Act 49 All Final Certified Manure Hauler and Broker Categories Qualify for these CECs

NBS = PA Act 49 Manure Broker Credits that qualify for Nutrient Balance Sheet CEC requirements

38 = PA Act 38 All Final Certified Nutrient Management Categories Qualify for these CECs

Odor = PA Act 38 Odor Management Plan Writers and Plan Reviewer CECs

CCA NM = Certified Crop Advisor CEUs for Nutrient Management category

CCA SW = Certified Crop Advisor CEUs for Soil and Water category

Time	Location of Three Educational Sessions	College Building Sessions	Demonstration Area Session	Family Building Session	Conestoga Building Session	Youth Building Session	Special Events Building Session
8:00	Gates Open - Exhibitors available all day						
9:00	Educational Session - Attend session of your choice. Sessions are 50 minutes. Some will have two 25 minute presentations	49, 38, CCA NM - Manure Application in No-till. Beegle (PSU), Kleinman (USDA ARS), Ketterings (Cornell), McGrath (Maryland)	49, 38, CCA NM - Money in the Ground, Money in Your Pocket: Calibrate Manure Spreaders to Achieve Both - Martin (PSU), Rector (MSU)	38, CCA NM - Mortality Composting Part 1 - How Does Your Animal Mortality Management Fit Into Your Nutrient Management Plan? - Hutchinson (Maine), Bonhotal (Cornell)	49, 38, CCA NM - Agriculture and the Chesapeake Bay TMDL - Hansen (Delaware) 49, 38, CCA NM - Nutrient Trading, Technology and the Chesapeake Bay - Hines (PA DEP)	49, 38, CCA NM - In-house Poultry Litter Management - Malone (Delaware) 49, 38, CCA NM - In-field Storage of Manure. - Binford (Delaware)	49, NBS, 38, CCA SW - PaOneStop: Online Nutrient Balance Sheet Mapping Demonstration - Day (PSU), Neiderer (PSU)
10:00	Educational Session - Attend session of your choice. Sessions are 50 minutes. Some will have two 25 minute presentations	49, 38, CCA NM - Manure Application on Frozen and Snow-Covered Soil - Radatz (WI) 49, 38, CCA NM - Catch, Retain and Recycle Manure with Cover Crops Rector (MSU)	49, 38, CCA SW - Soil Compaction Field Exercise- Duiker (PSU)	49, 38, CCA NM, Odor - Manure Application and Odor - Brandt (PSU) 49, 38, CCA NM, Odor - Fly Minimization Techniques - Dehoff (PA Ag Ombudsman)	49, 38, CCA NM, Odor - Expanding Opportunities for Digester Systems at US Livestock Facilities - Voell (US EPA, AgSTAR) 49, 38, CCA NM, Odor - Turning Manure into Biochar as a Value Added Product - Maguire (VA Tech)	49, 38, CCA NM - Manure Application in Alfalfa/Legumes - Ketterings (Cornell), Czymmek (PRO-DAIRY, Cornell) 49, 38, CCA NM - Using Dairy Manure Solids as Bedding - Schwarz (Cornell)	49, NBS, 38, CCA SW - PaOneStop: Online Nutrient Balance Sheet Mapping Demonstration (Repeat of 9 AM) - Day (PSU), Neiderer (PSU)
11:00	Dry Equipment Demonstrations - Located at Demonstration Area	CCA NM - Exhibitors will demonstrate the latest in solid manure and compost handling and application equipment.					
12:00	Free Time-Visit Exhibitors						
1:30	Educational Session - Attend session of your choice. Sessions are 50 minutes. Some will have two 25 minute presentations	49, 38, CCA NM - Manure Application in No-till. Beegle (PSU), Kleinman (USDA ARS), Ketterings (Cornell), McGrath (Maryland)	49, 38, CCA SW - Soil Compaction Field Exercise- Duiker (PSU)	38, CCA NM - Mortality Composting Part 2 - Lessons at the Compost Pile - Hutchinson (Maine), Bonhotal (Cornell)	49, 38, CCA NM, Odor - Manure Application and Odor - Brandt (PSU) 49, 38, CCA NM, Odor - Fly Minimization Techniques - Dehoff (PA Ag Ombudsman)	49, 38, CCA NM, Odor - In-house Poultry Litter Management - Malone (Delaware) 49, 38, CCA NM, Odor - In-field Storage of Manure. - Binford (Delaware)	49, NBS, 38, CCA SW - PaOneStop Mapping: Hands-on Session - limited to 20 participants (please register at 814-865 2279) - Day (PSU), Neiderer (PSU)
2:30	Liquid Equipment Demonstrations - Located at Demonstration Area	CCA NM - Exhibitors will demonstrate the latest in liquid manure handling and application equipment.					
4:00	Manure Safety Demonstrations - Located at Safety Demonstration Area	49, CCA NM - Demonstration of Ventilating Manure Storages to Reduce Risk When Entering - Murphy (PSU), Manbeck (PSU), Hill (PSU), Tillapaugh (PSU) Manure Spill Response Demonstration - Meinen (PSU)					
5:00	Expo Ends						