

Grain Quality Management Workshop Schedule



WISCONSIN
Agri-Business Association

Tuesday, August 12

- 1:00-1:15 Welcome, Participant Introductions and Orientation – *Dirk Maier and Grace Howe*
- 1:15-1:30 Review of course content and access to e-copies of materials – *Dirk Maier*
- 1:30-2:30 Grain Quality and Handling Characteristics and Measurement – *George Obeng-Akrofi*
- 2:30-2:45 Group Photo & Break
- 2:45-5:00 Equilibrium Moisture Content (EMC) and Safe Storage – *Dirk Maier*
- 5:00 Adjourn

Wednesday, August 13

- 8:00-9:00 Bulk Material Inventory Monitoring and Measurement Technology – *Sabbir Yunus*
- 9:00-10:15 Air Properties (Psychrometrics) for Drying and Cooling – *Dirk Maier*
- 10:15-10:30 Break
- 10:30-12:00 Hands-on I: Bulk Material Inventory and Storage Conditions Monitoring Training (Rotating Session 1) – *Dirk Maier, George Obeng-Akrofi, Sabbir Yunus*
- 12:00-1:00 Lunch
- 1:00-2:00 Aeration Principles – Purpose, Hardware, Airflow Rates, Cooling Front Movement – *Dirk Maier*
- 2:00-3:15 Aeration Principles – Airflow Resistance, Uniformity and Distribution – *Dirk Maier*
- 3:15-3:30 Break
- 3:30-5:00 Hands-on I: Bulk Material Inventory and Storage Conditions Monitoring Training (Rotating Session 2) – *Dirk Maier, George Obeng-Akrofi, Sabbir Yunus*
- 5:00 Adjourn

Thursday, August 14

- 8:00-9:00 Aeration Principles – Fan Selection, Sizing and Control with Hands-on Exercise – *George Obeng-Akrofi*
- 9:00-10:15 Managing Grain Drying Operations – *Dirk Maier*
- 10:15-10:30 Break
- 10:30-12:00 Hands-on II: Grain Aeration & Storage App Training (Rotating Session 1) – *Sabbir Yunus, George Obeng-Akrofi, Dirk Maier*
- 12:00-1:00 Lunch
- 1:00-2:00 Managing Aeration Shrink Loss in Bins, Silos, Tanks, Sheds and Piles – *George Obeng-Akrofi*
- 2:00-3:00 Managing Outdoor Grain Piles – *Dirk Maier*
- 3:00-4:30 Hands-on II: Grain Aeration & Storage App Training (Rotating Session 2) – *Sabbir Yunus, George Obeng-Akrofi, Dirk Maier*
- 4:30 Adjourn



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