

Attendance: Kyle Wagoner, Jay Bush, Jasen Calhoun, Dean Scott, Angie May, Vince Seward, Raymond Eikenberry, Shaun Meeks, Dave Lambert, Aaron Anderson, Eric Ross, Joe O'Donnell, Pat O' Donnell, Sam Moffit, Steve May, Michele Cox, Miriam Robeson, Ben Pickens Guests: John Scott (Purdue UAV) and Chad Martin (WHIN)

Agenda:

Call to Order:

1. **Welcome and Recognition of Directors.** President Dean Scott welcomed the members and introduced the Directors.
2. **Recognition.** Brenton Peters and Raymond Eikenberry were thanked for their service; they are finishing their term as Board Members.
3. **Financial Report.** Angie May provided a Review of Financial Information, which was circulated at meeting. The current account balance is \$31,003.
4. **Approval of Minutes.** The minutes of the 2018 Member Meeting will be made available on www.carrollcountyag.com.
5. **Nomination for Directors.** Schott Guicken was presented for nomination. Joe O'Donnell moved the nominations be closed and approved. The motion was seconded by Raymond Eikenberry and passed with a unanimous vote.
6. **2019 Activities.**
 - a. **Ag Day.** Ag Day is on March 21st. Volunteers are requested.
 - b. **Fair.** Day at the fair is \$1500. Thank IPC for donations.
 - c. **Annual Meeting and Hall of Fame Banquet.** The annual meeting will be on March 11th at 6 PM at the Delphi United Methodist Church.
7. **Mission Statement.** The members reviewed the mission statement with consideration to the out-of-county requests that don't fall under the mission statement.
8. **Chad Martin, WHIN at Ivy Tech.** WHIN has passed their one-year mark, with significant investment from Lilly Endowment, Purdue, and Ivy Tech.
 - a. WHIN involves 10 counties and 400,000 residents.
 - b. There are 2 million acres of corn / soybeans among Fountain, Cass, Clinton, Benton, White, Pulaski, Carroll, Tippecanoe, and Warren counties.

- c. These ten counties represent two major cluster assets: Agriculture and Manufacturing.
 - d. Purdue is the #1 school for Agriculture & Biological Sciences in the country, and Ivy Tech has 200 students in their agriculture program.
 - e. WHIN received \$38 Million from Lily Endowment to fund Digital Agriculture, Next Generation Manufacturing, and Regional Cultural Fund with the intention that this region can be an "epicenter for 10T development for next gen manufacturing and digital ag."
 - f. The ag application includes development of *low-cost* sensors for real-time crop monitoring. Low-cost will encourage greater adoption of technology. For example, ConAgra is a ready-whip machine with predictive technology for down machines.
 - g. Purdue is monitoring about 10 machines at T&L to work on development of predictive nuance.
 - h. Purdue is also adding 10T sensors in the field, and Ivy Tech is applying tech in precision ag. Possibilities include: monitors in fields, in livestock barns to monitor health, for security, for individual animal monitoring, field nitrate sensors for chain tile, weather predictions to improve irrigation.
 - i. WHIN is a dense region for data. This data can be analyzed.
 - j. Issues: Connectivity, like getting data from source to computer and business application of bandwidth to transmit data. Data management, data analytics, connectivity, sensors. Examples are on WHIN's website at WHIN.org.
 - k. Ivy Tech is developing courses around precision ag, including development of 10T, host testbeds, and advanced manufacturing labs.
 - l. WHIN Testbeds will be developed by Purdue and Ivy Tech. They intend to develop 12-15 strategic regional locations.
 - m. This presents an opportunity to start with weather station data.
9. **Drones in Agriculture.** Presentation by guest John Scott, Digital Ag Extension Coordinator, on the use of drones in agriculture (Note: There are 19 extension education specialists in Indiana. More information at extensions.purdue.edu/uav.)
- a. FAA requirements
 - b. Pass Part 107 remote pilot kit

- c. Farm Management Needs
 - d. Budget (between \$4500 and \$10600)
 - e. Select Drone and Sensor
 - f. Insurance
 - g. Manual Scouting
 - h. Planned flights
 - i. Row crops
 - j. Troubleshooting
 - k. All ag applications of drones require a license and certification.
10. **Syngenta Update.** Miriam Robeson provided a brief update to the Syngenta Class-Action lawsuit. The lawsuit has been settled, and the funds have been escrowed. We are awaiting a final order for attorney fees before the settlements are distributed.
11. **Carroll Count Zoning Update.** Miriam Robeson reported that the Area Plan Commission is still taking information regarding livestock agriculture. They heard a phone-in report from John Ikerd from Iowa, who suggests that all contemporary farming practices – but especially livestock operations – are immoral and polluting the environment. Steve May (CCAA Member in attendance and on the APC) noted that he did not think that the APC gave much creditability to the presentation because of the radical nature of the information presented.
- a. **Contact your APC Members.** Miriam Robeson encouraged the membership to contact the APC members and express your support for Carroll County agriculture and livestock production as a safe and healthful business. Miriam will provide contact information for the APC to the CCAA members
12. **Other Business.** Dean Scott asked for other business. Hearing none, the meeting adjourned.

Respectfully Submitted

Jason Calhoun, Secretary

APPROVED:

Dean Scott, President