

Thursday, January 14--PPDC Emerging Technologies Workgroup Meeting Notes

WG Members Present: Manojit “Mano” Basu Co-chair, Ruben Arroyo, Gilbert Del Rosario, Adam Finch, Josh Friell, Brad Fritz, Rebecca “Becca” Haynie, Ramon Leon, Lauren Lurkins, Daniel Markowski, Dan Martin, Jacob Moore, Robby Personette, Damon Reabe, Karen Reardon, Margaret Reeves, Brian Satorius, Scott Shearer, Christina Stucker-Gassi, Nick Tindall

EPA: Amy Blankinship, Jeff Dawson, Shannon Jewell

Background: OPP’s current thinking and questions

- OPP has been reaching out and gathering information on emerging technologies, asking where the technology is, and where is it headed, especially for:
 - Offsite drift from UAS—to animals, bystanders
 - Mixing and loading chemicals
 - Residues
 - Weed management/tolerance
 - Policy
- Charge questions are broad because we must consider risk statements and pesticide labels
- UAS/UAVs not like traditional aerial and not like land application
 - Where does OPP have data, where are the gaps? How do we approach data gathering?
 - How do we approach policy?
 - Will OPP need to make changes to their modeling?

Action plan:

1. Focus on two categories of emerging technologies: Equipment and Chemical
2. Identify technologies within each subgroup to focus on
Plan for next meeting: Subgroups will hold breakouts during first 30 minutes of the next meeting, have awareness presentations and select technologies to focus on
 - a. Equipment (robotic and stewardship) – Nick Tindall will lead overview
 - b. Chemical (anything innovative) – TBD
3. Possible deliverables:
 - Overview of future Ag technologies
 - Defining the technologies and supporting EPA to get a better understanding of the technology
 - Defining regulatory oversight that may be required for adoption of an emerging technology
 - Capture benefits of the emerging technology
 - Advice/recommendations on how regulatory agencies can keep up with technology advancement
 - Agency and consumer awareness of the technology