

## 1/14/2021 Meeting – PPDC Emerging Technologies Workgroup

### 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