



Perspectives of State Regulatory Partners

CERSA UAS VIRTUAL WORKSHOP

DECEMBER 1, 2020

Who?

- Manager, Agrichemical Programs Section, Wisconsin Department of Agriculture, Trade and Consumer Protection
 - Environmental Quality Unit, Fertilizer/Feed/Containment Unit
 - Pesticide Unit
 - Product Registration
 - Worker Protection Standard (WPS)
 - Certification
- Chairperson, Association of American Pesticide Control Officials (AAPCO) – Technology Workgroup
 - Mission: To work with states, US EPA, and other stakeholders to gain a thorough understanding of issues associated with the use of new technologies within the existing regulatory framework, help develop guidance that will ensure consistent compliance interpretation and assistance, and serve as a communication hub on these topics.

Issues and concerns

- January 2020: AAPCO Technology Workgroup surveyed all 50 states/territories.
 - Overall there were 46 responses, with 38 members completing their responses.
- Survey consisted of 11 questions
 - General inquiries regarding UAS applications (pesticide product)
 - Type of information being requested.
 - Company(s) within state/territory making pesticide applications using UAV/UAS.
 - Guidance on product use.

Findings

- Approximately 74% of those surveyed have received inquiries from individuals/companies interested/wanting to use UAV/UAS for pesticide applications.
- Approximately 61% of the states have a company/individual that is licensed/certified to use UAV/UAS's to make pesticide applications.
- Application types being made:
 - Herbicide
 - Insecticide
 - Vector control

Known Regulatory Hurdles

- Application methods?
 - FIFRA Section 2(ee)
- What products can be used via UAV/UAS methods?
 - “may be aeri ally applied...”
- Unclear labeling
 - Nozzle angle/type
 - Boom length

Known Regulatory Hurdles (cont.)

- Application requirement(s)
 - Buffer zones
- Certification requirements
 - Method (i.e., Aerial) or Site (i.e., Right of Way)
- Who is the applicator?

Known Regulatory Hurdles (cont.)

- Worker Protection Standard (WPS)
 - Chemical resistant clothing
 - Gloves
- Drift
 - Modelling for UAV/UAS?

Future

- AAPCO Technology Workgroup
 - www.aapco.org
- Pesticide Program Dialogue Committee (PPDC)
- Continued research

Questions?

- Robby Personette, Manager, Agrichemical Programs Section – Wisconsin Department of Agriculture, Trade and Consumer Protection
- Robby.personette@Wisconsin.gov
- Office: 608-224-4542
- Cell: 608-294-0854