

AAPCO New Technology Workgroup



**Pesticide Pesticide Program Dialogue Committee (PPDC)
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AAPCO is an organization of mainly state pesticide regulatory officials who administer and enforce pesticide laws and regulations.

There are various committees and workgroups.

Example - The State FIFRA Issues Research and Evaluation Group (SFIREG) and it's working committees.

AAPCO recently formed a
Technology Workgroup



AAPCO Technology Workgroup

Work with various industries to attempt to fully learn about the “technology”.

The focus at this point is application equipment, coupled with how it relates to label interpretation and compliance; and who is technically the applicator - and ultimately responsible.

Starting with UAVs

Future?

- Robots
- Micro-rate dispensers.
- Artificial intelligence running remotely operated application equipment.





Who is the Applicator? Licensing, PPE ?

**Remote Pilot
In Command**



**Primary
Controller**



**Emergency
Only
Controller**



Observer



Individuals who have direct authority over or operate the controls

Develop Guidance for State Lead Agencies – Work with EPA



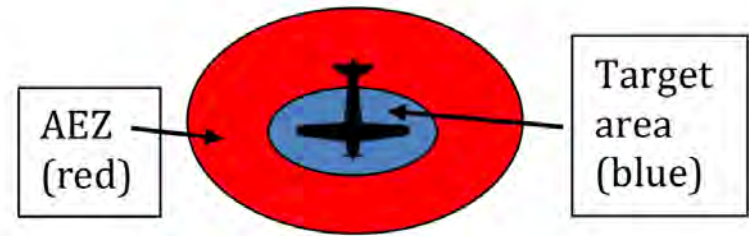
Enforcement of PPE requirements when the applicator is typing on a keyboard, or holding electronic equipment (remote controller).

Following other label requirements

- The distance of the outermost nozzles on the boom must not exceed $3/4$ the length of the wingspan or rotor.
- Nozzles must always point backward parallel with the air stream and never be pointed downward more than 45 degrees.

Develop Guidance for State Lead Agencies – Work with EPA

WPS: Should the Application Exclusion Zone (AEZ) for aerial applications be enforced (100 ft), or the AEZ for ground applications (25 ft) ?



Does the applicator follow the buffer requirement next to waterways or schools for aerial applications or ground applications? Is it a hybrid application method?

New AAPCO Workgroup has more questions than answers

Is FIFRA 2(ee) applicable?

Sec. 2(ee)(3) allows "any method of application not prohibited by labeling".

Will EPA eventually issue a Pesticide Registration Notice providing labeling standards?

This was done previously PRN 87-1: Label Improvement Program for Pesticides Applied through Irrigation Systems (Chemigation)

What data might be needed for a state to approve a registration under FIFRA Sec. 24(c)?



New AAPCO Workgroup has more questions than answers

Mission:

- Learn about new technologies.
- Identify potential issues and solutions.
- Work with EPA, and SFIREG and its Working Committees
- Develop guidance for State Lead Agencies



Thank You!

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