

PA- Supplemental Guidance

AIR-04 Use drift reducing nozzles, low pressures, lower boom height, and adjuvants to reduce drift –

Producer will agree in writing to implement one or more of the activities listed in the four Criteria. The producer does not have to meet all four criteria.

- **Replacing old style spray nozzles with newer spray drift reduction nozzles is a simple way to meet the criteria and will improve sprayer performance for the producer.** The reference cited in the AIR04 is an extension bulletin that describes spray drift reduction technology. The URL for the bulletin in the AIR04 is incorrect. The correct URL is <http://ohioline.osu.edu/aex-fact/0523.html>.
- **A Drift Retardant Adjuvant is a substance added to the spray tank separate from the pesticide formulation that decrease the proportion of smaller droplets and increase the size average size of droplets produced by the spray system.** This may or may not affect the level of pest control and resulting crop yield. The need to reduce drift, particularly near sensitive sites, may take precedence over small reductions in efficacy. An increase in spray drop mass median diameter does not necessarily mean that the proportion of "fines" or small drops will be reduced with an accompanying reduction in drift, but this is often the case.
- **Any activity in the criteria may be used to meet AIR04.**

Cropland - System/acre

Not compatible with SOE03, WQL20, WQL21

Pastureland – System/acre

Not compatible with WQL01, WQL19, WQL21

No additional guidance for 2011-1