



## **AIR04 - Montana Supplement**

### **Use Drift Reducing Nozzles, Low Pressures, Lower Boom Height, and Adjuvants to Reduce Pesticide Drift – (Air Quality Enhancement Activity)**

#### **Montana Clarification**

National Activity #1 - If drift reduction nozzles have been chosen or are currently in use then the participant cannot choose activity #2 - (reduce sprayer pressures) for meeting the criteria for this enhancement. *Drift reduction nozzles usually have higher pressure requirements than 40-45 psi and lower pressures generally cannot be used if drift reduction nozzles are used.*

National Criteria 3 is not eligible in Montana as an eligible method to reduce drift. This should be a commonly accepted practice already.

#### National Activity #4 –

- The label must specify that the spray adjuvant are drift control additives and not surfactants, wetting agents, spreaders or stickers and must be approved for the specific pesticide being used.
- Consult local extension agent/specialist for pesticide specific adjuvant.
- Adjuvant label should state “drift control”
- Adjuvants should be used for all spray operations unless there is not an approved drift control additive for the specific pesticide being applied.

#### Additional References for Montana

1. “Selecting Drift Reduction Nozzles”, Jim Wilson, SDSU. John Nowatzki and Vern Hofman, NDSU. <http://www.pesticides.montana.edu/Reference/SelectingNozzels.pdf>
2. “Reducing Spray Drift “, Publication AE -1210 June 2001, North Dakota State University, Vern Hofman and Elton Solseng. <http://www.ag.ndsu.edu/pubs/ageng/machine/ae1210w.htm>

#### **Montana Specifications**

No additional specifications other than those described in the national enhancement.

#### **Incompatible Enhancements**

This enhancement may not be contracted with the following enhancements:

For cropland: SOE03, WQL20, WQL21

For pasture: WQL01, WQL19, WQL21

#### **Eligible Land**

Cropland and pastureland

#### **Applicable Amount**

Acres of crop or pasture

**Example (System)**

A participant has 800 acres of cropland and is willing to adopt this enhancement on 500 acres beginning in Year 1. The applicable acres are 800 and the applied acres are 500. The Toolkit plan would look like this:

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>
<b>AIR04</b>	500 ac				

**Documentation Requirements**

Montana Documentation Requirements

1. Documentation for each year of this enhancement describing these items, where applicable:
  - a. Written documentation for the type of drift reduction technology adopted
    - a. Type and brand of nozzles
    - b. Acres treated
  
2. Documentation for previous system used describing these items, where applicable.
  - a. Written documentation for the type of drift reduction technology used prior.
  - b. Acres treated.

I acknowledge that I have read and understand all that is required for the implementation of this CSP Enhancement Activity.

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Contract participant

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Date