



Air Quality Enhancement Activity – AIR04 – Use drift reducing nozzles, low pressures, lower boom height, and adjuvants to reduce pesticide drift.

Additional References:

For additional information on drift reduction technologies refer to the following documents.

Klein, R. N., L. Schulz, and C. L. Ogg. 2007. Spray Drift of Pesticides. NebGuide G1773, University of Nebraska-Lincoln Extension, Lincoln, NE. Available at: <http://www.ianrpubs.unl.edu/sendIt/g1773.pdf>

2010 Guide to Weed Management in Nebraska with Insecticide and Fungicide Information, EC130, University of Nebraska-Lincoln Extension, Lincoln, NE. Available at: <http://www.ianrpubs.unl.edu/sendIt/ec130.pdf>

Young, Bryan. 2008. Compendium of Herbicide Adjuvants. Southern Illinois University, Carbondale, IL. Available at: <http://www.herbicide-adjuvants.com/>

Witt, J. M. Agricultural Spray Adjuvants. Oregon State University Extension. <http://psep.cce.cornell.edu/facts-slides-self/facts/gen-peapp-adjuvants.html>

DOCUMENTATION REQUIREMENTS

Complete the Table below:

To be completed by NRCS and Producer during planning			To be completed by Producer during certification	
1	2	3	4	5
Tract	Field	Acres Planned	Acres Treated	Describe Activities to reduce spray drift
Ex. T1001	1	80 acres	79.2 acres	<i>Reduced sprayer pressures per the nozzle criteria to produce larger spray droplets. Did not exceed 40-45 psi sprayer pressure.</i>

Ex. = example. NRCS completes column 1, 2 & 3 (Tract, Field and Acres Planned). Operator completes remaining columns.

I certify that the following information meets specifications and has been provided to NRCS:

1. Written documentation of the activity performed.
2. A map showing the location of the fields where the practice(s) were applied.
3. Copies of dated receipts for equipment or services purchased.

I understand that it is my responsibility to obtain all necessary permits and to comply with all laws, regulations and ordinances pertaining to the application of these activities.

Certified by: _____ **Date:** _____