



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

**State Criteria (same as NATIONAL CRITERIA)**

**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>

Current 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 (SEE NATIONAL ENHANCEMENT ACTIVITY JOBSHEET)**

**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.

**In addition:**

1. Provide a map showing the location of the fields where the practices were applied.
2. Provide 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.

**I certify that the enhancement criteria have been met and the required documentation provided to NRCS.**

**Certified by:** \_\_\_\_\_ **Date:** \_\_\_\_\_