



United States Department of Agriculture
Natural Resources Conservation Service

2012 Ranking Period 1

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

Kansas Criteria for National Air Quality Enhancement Activity—AIR04

Reference Kansas State University (KSU) publication MF 2869, *Droplet Size Calibration: A New Approach to Effective Spraying*, located at:
<http://my.extension.uiuc.edu/documents/332091703090309/MF2869.pdf>

Written documentation supporting Air Quality Enhancement Activity—AIR04 will include as a minimum:

- Record application acres and legal description
- Record application volume in gallons per acre
- Record ground speed in miles per hour
- Record nozzle spacing in inches
- Record droplet spectra category selected for pesticide application
(See KSU MF 2869, Table 1)
- Record nozzle type used for pesticide application
- Record application pressure setting in pounds per square inch (PSI)
(do not exceed 45 PSI)
- Record application flow rate
- Record boom height setting for optimum canopy coverage
- If applicable, record deposition control adjuvant used for additional drift control
- Certification statement by producer that pesticide application complies with KSU MF 2869