

SANTA CRUZ COUNTY

Drift Minimization

The following drift minimization measures are recommended for the use of California Restricted Materials, in addition to any drift minimization measures required by the pesticide label. Applicators are encouraged to utilize these measures for other pesticides whenever possible to avoid environmental contamination from drift.

Ground Applications

1. Vehicle-mounted or towed ground equipment, other than handguns, used to make applications shall be equipped with:
 - a. Nozzles having an orifice not less than one-sixteenth of an inch in diameter (or equivalent) and operated at a boom pressure not to exceed the manufacturer's recommended pressure for the nozzles being used; or
 - b. Low-pressure fan nozzles with a fan angle number not larger than 80 degrees and nozzle orifice not less than 0.2 gallon per minute flow rate (or equivalent) and operated at a boom pressure not to exceed 15 pounds per square inch.
2. Applications of a pesticide spray solution made by vehicle-mounted or towed ground equipment shall meet the following requirements:
 - a. Apply only when wind speed is ten miles per hour or less at the application site, as measured by an anemometer positioned four feet above the ground.
 - b. Discharge shall start after entering the target site; discharge shall be shut off before exiting the target site, e.g., to turn application equipment around. Applications made to the edge of a site (orchard, field, etc.) shall be directed toward the site and away from neighboring properties.

Aerial Applications

Applicators performing aerial applications shall consult with the Santa Cruz County Agricultural Commissioner's Office and refer to the California Department of Pesticide Regulation *Pesticide Use Enforcement Program Standards Compendium*, vol. 3* for guidance regarding drift minimization.

*http://www.cdpr.ca.gov/docs/enforce/compend/vol_3/append_c_1.pdf