

# Drift-fiant

## ATTENTION

Extreme care must be used when applying any pesticide to prevent injury to desirable plants and crops. A pesticide product may kill, seriously injure or reduce yields of many desirable forms of vegetation including flowers, fruits, grapes, tomatoes, ornamentals, vegetables, cotton, soybeans, tobacco, beans and other desirable non-target plants. Minute quantities of spray may cause severe plant response. Read and follow Spray Drift Management section of the pesticide label. It is suggested to use a smoke generator or other means at or near the application site for the detection of air movement, air stability, or temperature inversions. An adjuvant or surfactant only may decrease, but not prevent, the likelihood of spray drift.

## SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

## DROPLET SIZE

When applying sprays that contain a pesticide as the sole active ingredient, or when applying sprays that contain that pesticide mixed with active ingredients that require a Coarse or coarser spray, apply only as a coarse or coarser spray (ASAE standard 572) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles. When applying sprays that contain a pesticide mixed with other active ingredients that require a Medium or more fine spray, apply only as a Medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

## WIND SPEED

Do not apply at wind speeds greater than 10 mph, or the maximum permitted by state law. Only apply the pesticide product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a Medium spray, leave one swath unsprayed at the downwind edge of the treated field.

## TEMPERATURE INVERSIONS

If applying at wind speeds less than 3 mph (or the minimum permitted by state law), the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

## SUSCEPTIBLE PLANTS

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Review the pesticide label for a list of susceptible crops. Small amounts of spray drift that might not be visible may injure susceptible plants.

## OTHER STATE AND LOCAL REQUIREMENTS

Applicators must follow all state and local pesticide drift requirements regarding application of all pesticides. Where states have more stringent regulations, they must be observed.

## EQUIPMENT

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

## ADDITIONAL REQUIREMENTS FOR AERIAL APPLICATIONS

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter. Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety. This requirement does not apply to forestry or rights-of-way applications. When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this by adjusting the path of the aircraft upwind.

## ADDITIONAL REQUIREMENTS FOR GROUND BOOM APPLICATION:

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

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