

## KERN COUNTY CHLORPYRIFOS PERMIT CONDITIONS

The following measures are required to minimize offsite movement of chlorpyrifos. These permit conditions apply to products containing chlorpyrifos labeled for the production of an agricultural commodity.

### General Application Conditions

1. Do not make applications during a temperature inversion and comply with General Drift Minimization permit conditions.
2. Apply the largest droplets that provide sufficient coverage and control. Follow best management practices to control droplet size by selecting appropriate volume, pressure, number of nozzles, and nozzle type and orientation.
3. No applications of Restricted Materials, including Chlorpyrifos, are to be made within ¼ mile of a school in session or during school sponsored activities when children are present as stated in the Kern County General Permit Conditions.
4. No aerial applications of Restricted Materials, including Chlorpyrifos, are to be made within ¼ mile of a residential area, occupied labor camp or other areas designated by the Commissioner as stated in the Kern County General Permit Conditions.
5. The following additional buffer zones shall be utilized for applications around sensitive sites:

<b>Application Method</b>	<b>Minimum Buffer Zone Distance (feet)</b>
Ground Boom	25
Chemigation	25
Airblast	100
Aerial (Fixed wing or rotary)	150

Buffer zones are measured from the edge of the sensitive site to the edge of the intended area of treatment.

Sensitive sites include, but are not limited to aquatic sites, any residential or commercial building and their associated property, parks, playing fields, any other area where people not involved with the application may frequent during the application, and any sites identified on the chlorpyrifos product labeling as being sensitive.

Only pesticide handlers are permitted in the buffer zones during application of this product. Do not apply this product if anyone other than properly trained and equipped handlers are in the buffer zone.

Exception: Vehicular traffic passing through the buffer zone on public or private roadways are permitted.

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Larger buffer zones should be considered for applications where wind is not blowing away from all potential sensitive areas surrounding an application site.

**Additional Application Specific Conditions**

**Airblast Applications**

1. When possible, shut off spray delivery when passing gaps in crop canopy within rows.
2. When spraying the outer edge of a field, direct the spray into the application site and shut off nozzles on the side of the sprayer away from the site.
3. Shut off top nozzles when treating smaller trees, vines, or bushes to minimize spray movement above the canopy.
4. Orient nozzles and adjust air speed/volume/direction to force the spray through the crop canopy while limiting excess material to drift past the canopy.

**Granular Applications**

1. Granular products must be incorporated into the soil adequately to avoid runoff.

Initials: \_\_\_\_\_