

E: CHLOROPICRIN (OVER 2%) FOR FIELD FUMIGATION

These conditions apply when the concentration of chloropicrin is above 2% as an active ingredient. When Chloropicrin is applied in combination with methyl bromide, the Methyl Bromide Permit Conditions also apply.

Applications of chloropicrin between May 1 and October 31 may be approved if applied in accordance with Chloropicrin Field Fumigation Regulations (3CCR sections 6449 and 6449.1).

FOR ALL APPLICATIONS:

Wind Velocity: A minimum of 3 mph wind must be present during application.

Air Temperature: No applications shall be made when temperatures are forecasted to reach or exceed 80°F within 24 hours after application.

Soil Moisture: Soil must be moist from 2 inches below the soil surface to at least 12 inches deep. To conserve existing soil moisture, pre-treatment or treatment tillage practices shall be done as close to the time of application as possible.

Minimum Depth: Shanks shall be set so material is released at a depth of 12 or more inches in the soil.

Field Management: Field trash must be properly managed. Residue from the previous crops should be worked into the soil to allow for decomposition prior to fumigation. Trash pulled by the shanks to the ends of the field must be cleared before making the turn for the next pass.

Prevention of End Row Spillage: Do not apply or drain chloropicrin onto soil surface. For each injection line either have a check valve, located as close as possible to the final injection point, or use a system to purge the line of any remaining fumigant. Do not lift injection shanks from soil until the shut-off valve has been closed and until fumigant has been drained and or purged from the system.

All applications shall be posted with warning signs for five days at points of entrance, field corners, and at least every 600 feet along a public road. Posting at the application site must include a 24-hour phone number for a certified applicator knowledgeable about the application and who must be able to respond to the application site within 1.5 hours of being called.

Chloropicrin monitoring equipment, required by the label, shall be on site during the application and during any post application monitoring.

Cities and Housing:

- a. Applications within one half mile of any city limit shall be under full tarp.
- b. Applications between one half and one mile from city limits or within one half mile of any rural housing developments shall be either applied under full tarp or at a depth of 15 inches or greater.
- c. Residents of all housing within ½ mile of any open (untarped) application shall be notified at least 24 hours prior to fumigation and advised of the hazards involved and actions to take if exposed to escaping gases.

Acreage limitations:

- a. Tarped applications of Chloropicrin to isolated blocks (greater than 1,300 feet from any other fumigated block within 48 hours) shall not exceed 5 acres.
- b. Total acreage of untarped applications of Chloropicrin within Stanislaus County shall not exceed 5 acres per day.

Post-Application Observations

- a. Post-application observations shall be conducted for all applications.
- b. These observations are the responsibility of the entity that made the chloropicrin application.
- c. Post-application observations shall be conducted downwind of the application and shall be completed according to the following schedule:
 - i. At the completion of sealing.
 - ii. 2 hours after sealing is complete.
 - iii. Within 1 hour of sunset on the day of application
 - iv. Within 1 hour of sunset on the day following the application