

10/12/09

~~NOTE: Authority cited: Sections 11456, 12976, 12981, 14005 and 14102, Food and Agricultural Code.~~

~~Reference: Sections 11501, 12981, 14006 and 14102, Food and Agricultural Code.~~

6448. 1,3-Dichloropropene Field Fumigation – General Requirements.

The provisions of section 6448.1 apply to field soil fumigation using 1,3-Dichloropropene within the Sacramento Metro, San Joaquin Valley, South Coast, Southeast Desert, or Ventura ozone nonattainment areas during the May 1 through October 31 time period. Raised-tarpaulin nursery fumigations of less than one acre, or replant of individual vine or tree-sites (tree holes) less than one contiguous acre, are not considered field soil fumigations under the provision of section 6448.1.

NOTE: Authority cited: Sections 11456, 12976, 12981, 14005, and 14102, Food and Agricultural Code.
Reference: Sections 11501, 12981, 14006, and 14102, Food and Agricultural Code.

~~**6448.1. 1,3-Dichloropropene Field Fumigation Methods:**~~

- (a) Application rate must not exceed 332 pounds of 1,3-Dichloropropene active ingredient per acre.
- (b) If there are no labeling requirements specifying soil moisture, then at time of application soil must contain at least enough moisture above the depth of application to meet the following test appropriate to the soil texture for:
 - (1) coarse soils (sand and loamy sand) – at least enough moisture to form a ball when compressed by hand, that may break when tapped;
 - (2) loamy, moderately coarse, or medium textured (coarse sandy loam, sandy loam, fine sandy loam) – at least enough moisture so that soil forms a ball that holds together when tapped;
 - (3) fine texture soils (clay loam, silty clay loam, sandy clay, silty clay, sandy clay loam and clay) – at least enough moisture so that the soil is pliable, not crumbly. Forms a ribbon when squeezed between thumb and forefinger.
- (c) The 1,3-Dichloropropene field soil fumigation must be made using only the methods described in this section. However within the San Joaquin Valley, Southeast Desert, or Ventura ozone nonattainment areas, methods (1) and (2) are prohibited. In addition to labeling requirements for each of these methods, the following requirements shall apply.
 - (1) Nontarpaulin/Shallow/Broadcast or Bed
 - (A) Injection point must be at least 12 inches below the soil surface.
 - (B) Chisel trace must be eliminated by use of tillage equipment to mix the soil to a depth of at least three inches. Broadcast fumigation must be followed by compaction of the soil surface.
 - (2) Tarpaulin/Shallow/Broadcast or Bed
 - (A) Injection point must be at least 12 inches below the soil surface.
 - (B) Chisel trace must be eliminated by use of tillage equipment to mix the soil to a depth of at least three inches. Broadcast fumigation must be followed by compaction of the soil surface.
 - (C) Tarpaulins must be buried under at least four inches of firmly packed soil at the end of the rows.
 - (D) The operator of the property shall maintain a "tarpaulin repair response plan" pursuant to subsection (d).