

10/12/09

(g) Flood

(d) The fumigant must be applied with at least six inches of water per acre.

(e) Notwithstanding subsection (d), a reduced volatile organic compound emission field fumigation method approved pursuant to section 6452 or a method for experimental research purposes pursuant to a valid research authorization issued according to section 6260 may be allowed.

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.

#### **6450.2. Dazomet Field Fumigation Methods.**

(a) Fumigations must start no earlier than one hour after sunrise and must be completed no later than one hour before sunset.

(b) The field soil fumigation using dazomet is limited to methods specifically identified in the labeling. In addition to labeling requirements for each identified method, the fumigation must comply with the following.

(1) Fumigation must be completed in a time that allows compliance with the post-fumigation water treatments below:

(A) Water must be applied by an irrigation method that uniformly covers the treated area in the entire application block.

(B) On the day of fumigation, the first water treatment must consist of at least 0.20 inches of water, beginning within 30 minutes of the completion of fumigation. A second post-fumigation water treatment must consist of at least 0.20 inches of water applied starting no earlier than one hour prior to sunset on the day of fumigation and completed by midnight.

(C) On the day following fumigation, a third post-fumigation water treatment must consist of at least 0.20 inches of water, and must be applied starting no earlier than one hour prior to sunset and completed by midnight.

(D) On the second day following fumigation, a fourth post-fumigation water treatment must consist of at least 0.20 inches of water, and must be applied starting no earlier than one hour prior to sunset and completed by midnight.

(E) Additional post-fumigation water treatment(s) may be applied at any time provided the treatments required above are completed in the specified time periods.

(c) Notwithstanding subsection (b), a reduced volatile organic compound emission field fumigation method approved pursuant to section 6452 or a method for experimental research purposes pursuant to a valid research authorization issued according to section 6260 may be allowed.

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.

#### **6451. Sodium Tetrathiocarbonate Field Fumigation - General Requirements.**

The provisions of section 6451.1 apply to field soil fumigation using sodium tetrathiocarbonate within the Sacramento Metro, San Joaquin Valley, South Coast, Southeast Desert, or Ventura ozone nonattainment areas below during the May 1 through October 31 time period. Replant of individual vine or tree-sites (tree holes) less than one contiguous acre, and raised-tarpaulin nursery fumigations of less than one acre, and greenhouses and other similar structures are not considered field soil fumigations under the provisions of section 6451.1.

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.

~~6451.4 Sodium Tetrathiocarbonate Field Fumigation Methods.~~

~~(a) The field soil fumigation of sodium tetrathiocarbonate is limited to methods specifically identified in the labeling.~~

~~(b) Notwithstanding subsection (a), a reduced volatile organic compound emission field fumigation method approved pursuant to section 6452 or a method for experimental research purposes pursuant to a valid research authorization issued according to section 6260 may be allowed.~~

~~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.~~

**6452. Reduced Volatile Organic Compound Emissions Field Fumigation Methods.**

~~(a) For the Sacramento Metro and South Coast ozone nonattainment areas, the Director may approve use of a field fumigation method not described in sections 6447.3, 6448.1, 6449.1, 6450.1, 6450.2, and 6451.1 if the request is accompanied by scientific data documenting the volatile organic compound (VOC) emissions. The emission rating specified in section 6452.4 or the maximum emission rate (emission rating multiplied by the maximum application rate) must be no greater than any one of the methods for the same fumigant described in sections 6447.3, 6448.1, 6449.1, 6450.1, 6450.2, and 6451.1.~~

~~(b) For the San Joaquin Valley, Southeast Desert, and Ventura ozone nonattainment areas, upon written request, the Director may approve use of a field fumigation method either not described or excluded from use in sections 6447.3, 6448.1, 6449.1, 6450.1, 6450.2, or 6451.1 if the request meets the following criteria:~~

~~(1) The request is accompanied by scientific data documenting the VOC emissions;~~

~~(A) The emission rating, as specified in section 6452.4, is no greater than any one of the methods for the same fumigant allowed for use in the San Joaquin Valley, Southeast Desert, and Ventura ozone nonattainment areas as specified in sections 6447.3, 6448.1, 6449.1, 6450.1, 6450.2, or 6451.1, or~~

~~(B) The maximum emission rate (emission rating multiplied by the maximum application rate) is no greater than any one of the methods for the same fumigant allowed for use in the San Joaquin Valley, Southeast Desert, and Ventura ozone nonattainment areas as specified in sections 6447.3, 6448.1, 6449.1, 6450.1, 6450.2, or 6451.1.~~

~~(c) Criteria the Director shall consider includes whether:~~

~~(1) the data and information provided are sufficient to estimate emissions;~~

~~(2) the results are valid as indicated by the quality control data; and~~

~~(3) the conditions studied represent agricultural fields fumigated.~~

~~(d) The Director shall publish a notice of interim approval for a field fumigation method on the Department's Web site. The interim approval expires three years after the date of approval.~~

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