

Interim Soil Fumigation Method

Drench Application Method of Metam-Potassium or Metam-Sodium

Introduction	Pursuant to Title 3, California Code of Regulations (3 CCR) section 6452, DPR has approved interim use of the drench application method using either metam-potassium or metam-sodium with limits on the application rate within ozone nonattainment areas ¹ (NAAs) for volatile organic compounds (VOCs).
Effective dates	The methods described below may be used for three years effective May 14, 2008 (expires on May 13, 2011), contingent on the submittal of additional information to more accurately document the emissions from this fumigation method.
Regulatory standards	<p>Title 3, CCR section 6452 sets different standards by which to evaluate whether a new fumigation method will be allowed, one for the Sacramento Metro and South Coast ozone NAAs and one for the San Joaquin Valley, Southeast Desert, and Ventura ozone NAAs. Sacramento Metro and South Coast have a less stringent standard because no further VOC reductions from pesticides are needed in these ozone NAAs.</p> <p>Both “low-emission” and “high-emission” methods can be used in the Sacramento Metro and South Coast ozone NAAs. Only “low-emission” methods are allowed in the San Joaquin Valley, Southeast Desert, and Ventura ozone NAAs during the May–October peak ozone season.</p>
Restrictions	<p>Effective May 14, 2008, expiring on May 13, 2011:</p> <ul style="list-style-type: none">• The metam-potassium and metam-sodium drench method is approved for use during May 1–October 31 in the Sacramento Metro and South Coast ozone NAAs and the San Joaquin Valley, Southeast Desert, and Ventura ozone NAAs, with restrictions.• This fumigation method may be used anytime outside of ozone NAAs and within any ozone NAA outside the May-October period, consistent with all VOC fumigation method restrictions.

Continued on next page

¹ A map of California ozone nonattainment areas (NAAs) is available on the DPR Web site at <http://www.cdpr.ca.gov/docs/emon/vocs/vocproj/maps/naa-statemap.pdf>

Drench Application Method of Metam-Potassium or Metam-Sodium, Continued

**Sacramento
Metro and
South Coast
ozone NAAs,
May 1 –
October 31**

Drench application method from May 1–October 31:

- Metam-potassium application rate must not exceed 270 pounds active ingredient per acre.
 - Metam-sodium application rate must not exceed 246 pounds active ingredient per acre.
 - Soil moisture at the time of application must meet the requirements described in 3 CCR section 6450.1(b).
 - Fumigations must start no earlier than one hour after sunrise and must be completed no later than one hour before sunset.
 - Two post-fumigation water treatments as specified in 3 CCR section 6450.1(d)(2)(A) must be applied.
 - Pesticide use reports must identify these applications using field fumigation method code 1413.
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**San Joaquin
Valley,
Southeast
Desert, and
Ventura ozone
NAAs, May 1 –
October 31**

Drench application method from May 1–October 31:

- Metam-potassium application rate must not exceed 98 pounds active ingredient per acre.
 - Metam-sodium application rate must not exceed 90 pounds active ingredient per acre.
 - Soil moisture at the time of application must meet the requirements described in 3 CCR section 6450.1(b).
 - Fumigations must start no earlier than one hour after sunrise and must be completed no later than one hour before sunset.
 - Two post-fumigation water treatments as specified in 3 CCR section 6450.1(d)(2)(A) must be applied.
 - Pesticide use reports must identify these applications using field fumigation method code 1413.
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