



Welcome to Module 10, Compliance and Enforcement.

Fumigant Site Monitoring


- Monitoring during and post fumigation activities will consist of sensory irritation for the majority of soil fumigants
- Instrument monitoring within the application block will occur only when
 - Sensory irritation has occurred and the label requires the wearing of a full face respirator. At this time monitoring using instruments will occur and will determine if further protective actions are required
 - If the soil fumigant requires a full face respirator to begin fumigating, monitoring using instruments will be required during the entire fumigation process

Monitoring during and post fumigation activities will consist of sensory irritation for the majority of soil fumigants

Instrument monitoring within the application block will occur only when

Sensory irritation has occurred and the label requires the wearing of a full face respirator. At this time monitoring using instruments will occur and will determine if further protective actions are required

If the soil fumigant requires a full face respirator to begin fumigating, monitoring using instruments will be required during the entire fumigation process

<h2 style="margin: 0;">Fumigant Buffer Zone Monitoring</h2> <ul style="list-style-type: none"> • If the fumigant buffer zone does not come in contact with land that is out of the owner/operator's control and the subsequent notification area around the buffer zone does not come in contact with an occupied structure, then no fumigant site monitoring is necessary • Instead of monitoring the edges of the buffer zone, the applicator has the option to notify the neighboring property owners. 	<ul style="list-style-type: none"> • Monitoring within the buffer zone perimeter <ul style="list-style-type: none"> – Not all fumigants will have buffer zone requirements in 2011. Those that do will have monitoring requirements listed on the label. – In 2011, the majority of monitoring will be with the use of sensory irritation. If irritation is noted, then the emergency response plan indicated in the Fumigant Management Plan (FMP) must be implemented – Monitoring must occur within one hour of sunset, at least one time during the night, once within one hour of sunrise, and once during the day. This cycle will repeat until 48 hours has passed since the end of the fumigation period – All those conducting monitoring must be certified handlers
---	--

If the fumigant buffer zone does not come in contact with land that is out of the owner/operator's control and the subsequent notification area around the buffer zone does not come in contact with an occupied structure, then no fumigant site monitoring is necessary

Instead of monitoring the edges of the buffer zone, the applicator has the option to notify the neighboring property owners.


Monitoring within the buffer zone perimeter

Not all fumigants will have buffer zone requirements in 2011. Those that do will have monitoring requirements listed on the label.

In 2011, the majority of monitoring will be with the use of sensory irritation. If irritation is noted, then the emergency response plan indicated in the Fumigant Management Plan (FMP) must be implemented

Monitoring must occur within one hour of sunset, at least one time during the night, once within one hour of sunrise, and once during the day. This cycle will repeat until 48 hours has passed since the end of the fumigation period

All those conducting monitoring must be certified handlers

<h2>Notification to Neighbors</h2>	
	<p>Type of required information to be shared all of which must be placed in the fumigant management plan:</p> <ul style="list-style-type: none"> ➤ General location of application block ➤ Fumigant(s) applied, active ingredient, trade names, EPA registration numbers ➤ Contact information for the applicator and the property owner/operator ➤ Name and phone number of person doing notification ➤ List of residences, businesses, and neighboring property owners informed ➤ Time period in which the fumigation is planned to take place ➤ Early signs and symptoms of fumigant exposure, what to do, and who to call if you believe you've been exposed ➤ How and where to find additional information about fumigants
<p>The method of providing information must be listed in the fumigant management plan.</p>	

Type of required information to be shared all of which must be placed in the fumigant management plan:

General location of application block

Fumigant(s) applied, active ingredient, trade names, EPA registration numbers

Contact information for the applicator and the property owner/operator

Name and phone number of person doing notification

List of residences, businesses, and neighboring property owners informed

Time period in which the fumigation is planned to take place

Early signs and symptoms of fumigant exposure, what to do, and who to call if you believe you've been exposed

How and where to find additional information about fumigants

Module Seven Review Questions

Questions

1. If the soil fumigant requires a full face respirator to begin fumigating, monitoring using instruments will be required during the entire fumigation process.

If the soil fumigant requires a full face respirator to begin fumigating, monitoring using instruments will be required during the entire fumigation process.

- True
- False

Correct	Choice
X	True
	False

2. All fumigants will have buffer zone requirements in 2011.

All fumigants will have buffer zone requirements in 2011.

True

False

Correct	Choice
	True
X	False

3. Farm workers or other personnel can help with monitoring.

Farm workers or other personnel can help with monitoring.

True

False

Correct	Choice
	True
X	False

4. Monitoring must occur within one hour of sunset, at least one time during the night, once within one hour of sunrise, and once during the day. This cycle will repeat until ____ hours has passed since the end of the fumigation period.

Monitoring must occur within one hour of sunset, at least one time during the night, once within one hour of sunrise, and once during the day. This cycle will repeat until ____ hours has passed since the end of the fumigation period.

Acceptable numeric values	
Equal to	48

5. Which of the following is required information for the notification of neighbors that must be in the fumigant management plan. (Check all that apply)

Which of the following is required information for the notification of neighbors that must be in the fumigant management plan. (Check all that apply)

- Contact information for the applicator and the property owner/operator
- Name and phone number of person doing notification
- List of residences, businesses, and neighboring property owners informed
- Early signs and symptoms of fumigant exposure, what to do, and who to call if you believe you've been exposed
- How and where to find additional information about fumigants

Correct	Choice
X	Contact information for the applicator and the property owner/operator
X	Name and phone number of person doing notification
X	List of residences, businesses, and neighboring property owners informed
X	Early signs and symptoms of fumigant exposure, what to do, and who to call if you believe you've been exposed
X	How and where to find additional information about fumigants