

Fumigation Management Plan (Non-Field Fumigations)

Fumigation Management Plan (FMP)

A Fumigation Management Plan (FMP) is an organized, written description of the required steps involved to help ensure a safe, legal, and effective fumigation. It will also assist you and others in complying with the pesticide product label requirements. Before any fumigation begins, carefully read and review the entire label, which includes the container label and the application manual. The FMP and related documentation, including monitoring records, must be maintained for a minimum of 2 years.

Developing a Fumigation Management Plan (FMP)

A Fumigation Management Plan is required for each fumigation and must be written prior to every treatment. Different situations will require some adjustments to this form. Make those adjustments as necessary to make the form suit your particular situation, but make certain all FMP requirements of the product labeling you are using are met.

Purpose of the fumigation-

<input type="checkbox"/>	Elimination of pest infestation.	Pest type and life stage-
<input type="checkbox"/>	Plant pest quarantine	Pest type and life stage-
<input type="checkbox"/>	Other: (explain) _____	

Type of fumigation-

<input type="checkbox"/>	Space: tarp, mill, warehouse, food plant or other
<input type="checkbox"/>	Vehicle: railcar, truck, van, container
<input type="checkbox"/>	Commodity: raw agricultural or processed foods or non-food
<input type="checkbox"/>	Type of Storage: vertical silo, farm storage, flat storage
<input type="checkbox"/>	Vessels or ships (barges as allowed per label). Read U.S. Coast Guard Regulations 46CFR 147A
<input type="checkbox"/>	Other (ex. Rodent Burrow): _____

Commodity to be fumigated, mode of storage and condition:

Structure and/or area to be fumigated:

Describe the general structure layout, construction:

Construction material: _____

Design of structure: _____

Approximate age of structure: _____

Maintenance: _____

Fire or combustibility hazards: _____

Connecting structures: _____

Additional information: _____

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Diagram of Fumigation Enclosure

Draw a diagram or sketch of the structure to be fumigated, delineating features, escape routes, above and below ground, and other unique hazards or other structural issues. Check, mark and prepare the points of fumigation application.



Accessibility of utility service connections.

Show on Diagram

Nearest telephone or other means of communication.

Show on Diagram

Emergency shut-off stations for electricity, water, and gas.

Show on Diagram

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Previous treatment history of commodity an/or structure: _____

Persons who routinely enter the *area to be fumigated*:
(i.e., Employees, visitors, customers, etc.) _____

Personnel and Notification

*Pesticide Notification CCR Title 3, Div.6, Section 6618:
Oral or Written Notification -
Date of Notification -

- Confirm in writing that all personnel in and around the area to be fumigated have been notified prior to application of the fumigant.
*Consider using a checklist that each employee initials indicating they have been notified.
- Instruct all fumigation personnel about the hazards that may be encountered; and about the selection of personal protection devices, including detection equipment.

*Confirm that personnel have been trained
in the use of respiratory protection as appropriate.

- Confirm that all personnel are aware of and know how to proceed in case of an emergency situation.
- Instruct all personnel on how to report any accident and/or incidents related to fumigant exposure. Provide a telephone number for emergency response reporting.

*When entering structures always
follow OSHA rules for confined spaces.

- Instruct all personnel to report to proper authorities any theft of fumigant and/or equipment related to fumigation.
- Establish a meeting area for all personnel in case of an emergency.
- Confirm that all applicators have been trained in the use of the fumigant.
- Notify all pertinent persons when application and aeration are complete.

Emergency telephone numbers of local
emergency responders:

Health: _____
Fire Dept: _____
Police: _____
Hospital: _____
Physician: _____

Names and 24 hr telephone numbers of
appropriate company officials:

Notify local authorities prior to first application:

Prepare written Emergency Response Plan, including procedures to notify local authorities in an emergency:

- Reviewed Emergency Response Plan with employees

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In-Transit Fumigation:

- Document that written notice has been given to the receivers along with a copy of the label and the Application Manual. If the manual is sent with the transport vehicle it must be placed securely on the outside of the vehicle.
- Document that trained workers will be available on site for aeration and removal of placards.
- Verify aeration is complete before entering public roads.

Structure sealing capability and methods:

- Sealing is adequate to control pests.
- If previously fumigated, prior FMP sealing information was reviewed.
- No structural changes have been made that will affect the fumigation.
- Appropriate warning placards have been placed on every possible point of entry to fumigation site.

Exposure time and Dosage considerations:

Product to be used and EPA reg. no.: _____

Minimum fumigation period: _____	Cubic footage or other calculations: _____
Down time required to be available: _____	Max dosage rates: _____
Commodity temperature & moisture: _____	Ambient Temp and wind if applicable: _____
Clean up requirements: _____	Commodity space/volume: _____

Monitoring:

Describe when and how will monitoring occur: _____
*Use Monitoring Log, p.5

What monitoring device/equipment be used: _____

Procedures for efficacy monitoring: _____

Procedures for leak monitoring: _____

Corrective action to be taken if gas levels exceed allowed levels during aeration: _____

- Provide watchmen when fumigation site cannot otherwise be made secure from entry by unauthorized persons during application and/or aeration.

Describe aeration procedures, including use of fans as appropriate, temperature considerations, and removal of placards at completion.

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Monitoring Log

Date	Time	Location	Type*	Readings (ppm)	Date	Time	Location	Type*	Readings (ppm)

*Type of monitoring, ie. Leak, application, efficacy, aeration.