



FUMIGATION MANAGEMENT PLAN (EXAMPLE)

DRAFT FOR BURROWING PESTS

All phosphine labels now require that the certified applicator be responsible for developing and following a Fumigation Management Plan (FMP). The FMP is intended to ensure the safety of the applicators, site employees, the surrounding community, and the environment. It is also designed to ensure a legal and effective fumigation. The FMP is a written record that provides specific logistical, performance and contact information to help “characterize” the fumigation site. The FMP is meant to be somewhat prescriptive, yet flexible enough to allow the experience and expertise of the fumigator to make changes based on circumstances, which may exist in the field.

Prior to writing a FMP, carefully read and review both the pesticide label and the Applicator’s Manual for the fumigant product to be used. Assemble and organize all of the information needed to develop a FMP. Preparation is the key of any successful fumigation. Once the FMP has been written, a copy of this information must be given to the appropriate company officials (supervisors, foreman, safety officer, etc.) in charge of the site.

Finally, before any fumigation begins you must be familiar with and comply with all applicable federal, state, and local regulations. The success of the fumigation is not only dependent on your ability to do your job but also upon carefully following all rules, regulations, and procedures required by governmental agencies.

Follow the “Guidance for Preparing of a Fumigation Management Plan” contained in the Applicator’s Manual for the specific phosphine product you will be applying. A checklist is provided in this manual to help you take into account factors that must be addressed prior to performing all fumigations. It emphasizes safety steps to protect people and property. The checklist is general in nature and cannot be expected to apply to all types of fumigation situations. It is to be used as a guide to prepare the required plan. Each item must be considered. However, it is understood that each fumigation is different and not all items will be necessary for each fumigation site.

FUMIGATION MANAGEMENT PLAN (FMP)

“Burrowing Pests”

Company:

Address:

Telephone:

A. PRELIMINARY PLANNING & PREPARATION

1. Purpose of Fumigation: Elimination of vertebrate pests
 - Pocket gopher
 - Ground squirrel
 - Prairie dog
 - Mole
 - Vole
 - Chipmunk
 - Norway rat

2. Type of Fumigation: Outdoor area
 - Closed-burrow system (pocket gophers, etc.)
 - Open-burrow system (ground squirrels, prairie dogs, etc.)

3. Read and review with the facility management and appropriate employees any existing FMP (Fumigation Management Plan), M.S.D.S. (Material Safety Data Sheet), product label, Applicator’s Manual and other relevant safety procedures.

4. Obtain or develop a site-drawing (see Appendix No. 1) of the facility layout. This drawing is used to make “site-specific” notes, as needed. Attach this drawing to the FMP and update it yearly, or prior to each fumigation. Keep it on file with the FMP.

5. Inspect the site to determine its suitability for fumigation. Consult previous records (FMP) for treatment history information.

Date of site inspection:

Name of inspection personnel:

6. Facility / Owner / Manager:

Facility:

Facility Address:

Facility Manager:

Daytime telephone:

Night telephone:

Mobile telephone:

Pager number:

7. Certified Applicator (Fumigator) in charge:

Name:

Company:

Certification No.:

Daytime telephone:

Night telephone:

Mobile telephone:

Pager number:

8. Emergency Information:

Hospital Emergency:

(for first aid information in case of exposure)

Fire Dept.:

Police Dept.:

Poison Control: 800-222-1222

Chem Tec: 800-424-9300

Registrant of Fumigant:

SD Emergency Management: 605-773-3231 (24 hours)

SD Dept. of Agriculture: 1-800-228-5254

Other: _____

9. Exposure time considerations:
(consult label instructions)

Fumigant to be used:

Tablets

Pellets

Ambient temperature:
(burrow / tunnel system)
Minimum fumigant
Exposure at measured
Temperature:

Fumigation date / time of application:

Recommended label dosage:

Tablets
Pellets

Dosage used:

Tablets: _____ / tunnel or burrow
Pellets: _____ / tunnel or burrow

Proximity of inhabited structures from treated
tunnel / burrow systems:

B. PERSONNEL

1. Scheduled personnel for the fumigation. Product labeling requires that at least one (1) state certified / licensed pesticide applicator to be present and on site to oversee all phases of the fumigation procedure.

List of personnel scheduled for chemical treatment:

- 1.
- 2.

2. Instructed all personnel on the following:

- a.
- b.
- c.

C. MONITORING

D. NOTIFICATION

E. SEALING

Closed-Burrow Systems:

Open-Burrow Systems:

F. APPLICATION PROCEDURES & FUMIGATION PERIOD

- 1.
- 2.
- 3.
- 4.
- 5.

PEST SPECIES WITH “CLOSED-BURROW” SYSTEMS:
(pocket gophers, etc.)

PEST SPECIES WITH “OPEN-BURROW” SYSTEMS:
(ground squirrels, prairie dogs, etc.)

Environmental Hazards:

Endangered Species Restrictions:

G. POST APPLICATION PROCEDURES

- 1.
- 2.

Closed-burrow systems:
(pocket gophers, etc.)

Open-burrow systems:
(ground squirrels, prairie dogs, etc.)

COMPLIANCE CHECK LIST

	<u>YES</u>	<u>NO</u>
<u>PRELIMINARY PLANNING & PREPARATION:</u>		
1. Read & reviewed existing FMP, MSDS, product label, Applicator's Manual, and other relevant safety procedure with appropriate personnel.	<input type="checkbox"/>	<input type="checkbox"/>
2. Develop a site drawing of the facility layout.	<input type="checkbox"/>	<input type="checkbox"/>
<u>RECORD KEEPING:</u>		
1. Name & address of Certified Applicator is recorded.	<input type="checkbox"/>	<input type="checkbox"/>
2. Specific site of application recorded.	<input type="checkbox"/>	<input type="checkbox"/>
3. Is the fumigation treatment conducted when the ambient temperature is 40 degrees F or more.	<input type="checkbox"/>	<input type="checkbox"/>
4. Local officials provided with safety information.	<input type="checkbox"/>	<input type="checkbox"/>
<u>CERTIFIED APPLICATOR:</u>		
1. Certified applicator physically present during application:	<input type="checkbox"/>	<input type="checkbox"/>
2. Certified applicator is certified in required category:	<input type="checkbox"/>	<input type="checkbox"/>
<u>NOTIFICATION:</u>		
1. Confirmation that the appropriate local authorities have been notified as per label instructions, local	<input type="checkbox"/>	<input type="checkbox"/>

ordinances, or instructions of the client.

2. Confirmation that a written procedure (“Emergency Response Plan”) has been properly prepared and communicated to appropriate personnel.

APPLICATION & FUMIGATION PERIOD:

1. Confirmation that the fumigant was applied in accordance with label requirements. (dosage, exposure period, temperature, etc.)
2. Confirmation that protective clothing was properly used.
3. Confirmation that personnel handling fumigant thoroughly washed their hands following treatment.
4. Confirmation that proper distance was maintained between treated burrow / tunnel systems and any inhabited structures on site.

SEALING PROCEDURES:

1. Properly performed sealing of burrow / tunnel systems following application of fumigant.

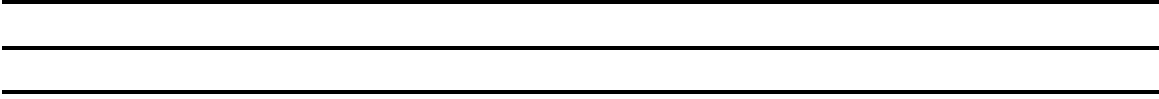
POST APPLICATION PROCEDURES:

1. Confirmation that Post Application Procedures were completed correctly

CHEMICAL – PRODUCT STORAGE:

1. Storage: Under lock & Key
 Posted as Pesticide Storage
 Dry storage
 Well-ventilated area
 Away from heat
2. Not Stored:
 Humans & Animals Reside
 Food / Feed Stored

Comments:



APPENDIX NO. 1

SITE DRAWING