



Introduction to  
**Abell Fumigation**  
**Programs**  
**2017**

# Abell Fumigation Services



## From crop to market, protect your investment

Whether you grow crops, store them, transport them, process them or ship them around the world, Abell Pest Control will protect your precious cargo. Trust the largest Canadian owned Pest Control company to identify the services you need, protect your investment and help eliminate down-time from coast-to-coast.

An effective, reliable pest control program is needed to control and reduce damage inflicted by pests during shipping, storage of agricultural goods, food and feed production and processing. Being a national company enables us with the proper resources to deliver fast & safe, fumigation services to you.

We are dedicated to providing you with the best solution to all potential infestation problems. Our expert Abell fumigators will assess your needs and requirements and will provide you with the most effective treatment required.

### INDUSTRIES:

**Milling • Grain • Seed • Import/Export Food Plants**

### FUMIGATION SERVICES:

**Grain Silos • Containers • Shipping (trains, ships)**

**Warehouses • Rail Cars • Truck Trailers**

### SERVICE HIGHLIGHTS:

- Treated harvests can still command a premium.
- Removal of additional transport costs due to rejected loads.
- Harvest quality is maximized.
- Reduced profit loss.

## Grain Silo Fumigation

Greatly reduce the risk of pest infestation problems occurring in your grain silos. Ensure your investment is safe with Abell's Pre-Storage Cleaning & Grain Silo Treatment service.



**Abell**  
**Pest Control**  
Since 1924...Because We Care

Fumigation is a method of pest control that completely fills an area with gaseous pesticides—or fumigants—to poison the pests within. It is utilized for control of pests in buildings (structural fumigation), soil, grain, and produce, also used during processing of goods to be imported or exported to prevent transfer of exotic organisms.

1.888.949.4949  
[www.abell.ca](http://www.abell.ca)

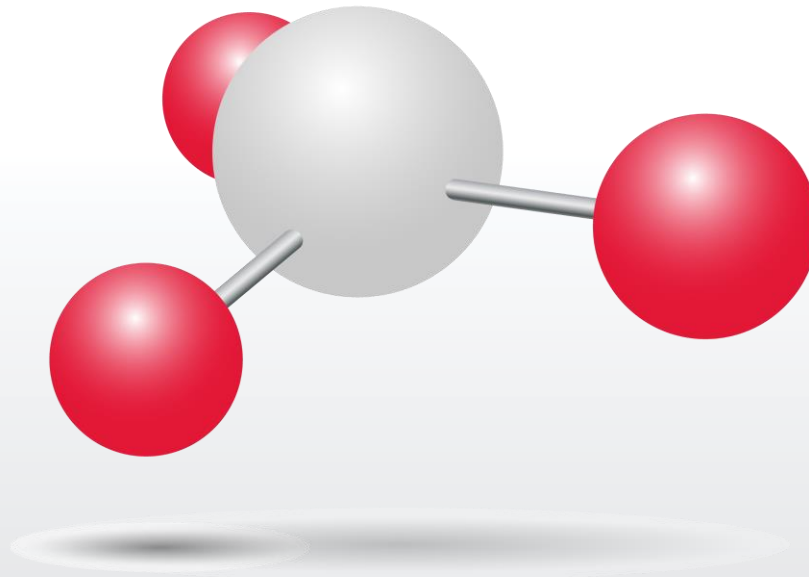
# COMMON FUMIGANT CHALLENGES

- MB – phased out , its use is highly restricted under the Montreal Protocol
- S.F. – use can be restrictive since there still are limited approved residue tolerance levels on commodities
- Fumigants can be expensive
- Fumigation season in Canada is not year-round
- Preparation time for sealing/preparing of facility



presents

# Spot Fumigation



# PH<sub>3</sub>

## Hydrogen Phosphide

**Magtoxin Prepac**  
Spot Fumigant  
(registration # 26524)





also known as: **Blister packs**

## THE UPSWING TO PHOSPHINE

- More cost effective as these are scalpol-persission application instead of the traditional broad-sword fumigant application
- Can be applied year-around
- Excellent egg-killing fumigant
- No structural sealing required
- Stable molecule between -87°C to 1000°C

## HOW DO WE APPLY THIS FUMIGANT?

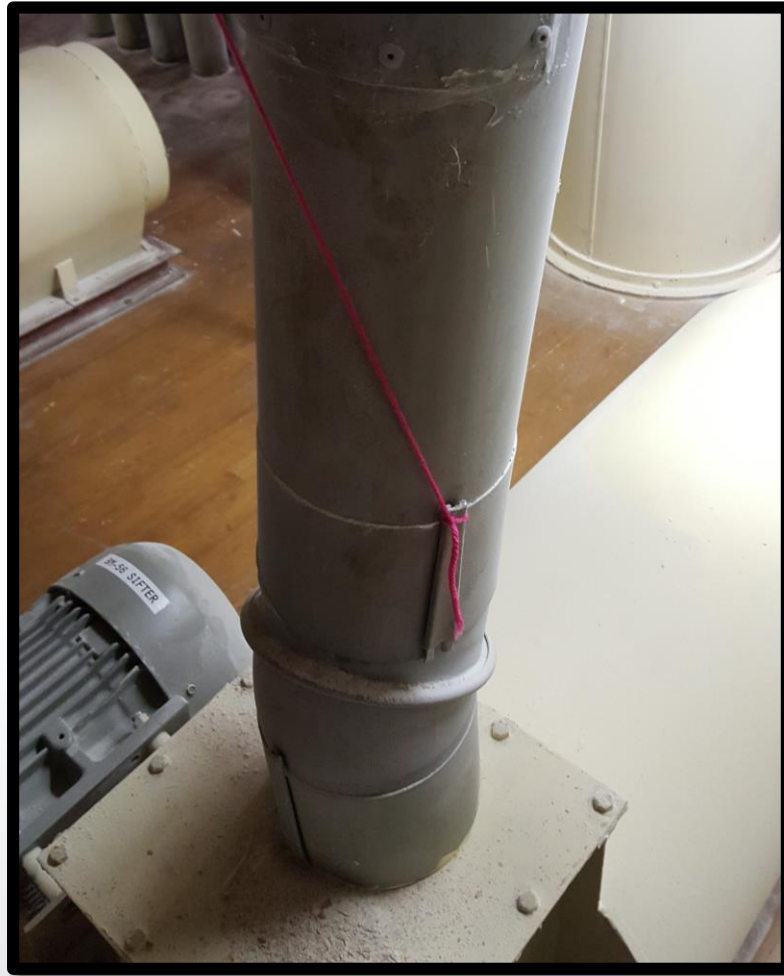
- Pre-measure equipment and storage volumes
- Building is secured as with full structural fumigations
- Fumigant packs are placed in each piece of equipment respective to their volumes
- Placement locations are recorded
- Building is locked down for a 34-48 hour hold time
- Fumigant packs are collected and building is aerated



6 blisters on the nip-guard



Secured blisters for easy retrieval



Secured blisters for easy retrieval



# POST FUMIGATION COLLECTION



Post fumigation, photo of cell count for each floor.

# SAFETY FIRST







# **Your Fumigation Solution!**

## **QUESTIONS?**