



Smoke PRO 90

User Guide

Smoke PRO 90

DIRECTIONS FOR USE

IMPORTANT: All instructions must be carefully read in order to obtain safe and successful use of this product.

RESTRICTIONS

Avoid using smoke generators in windy weather.

A minimum of 20 °C is required for best results.

This product is to be used only in accordance with the recommendations and instructions given on the labels provided with this pack. Use in any other circumstances is entirely at user's risk.

RESISTANCE

PHOBI SMOKE PRO 90 contains pirimiphos methyl, which is classified by IRAC as an organophosphate insecticide.

Strains of saw-toothed grain beetle and flour mite resistant to organophosphate insecticides are widespread and resistant strains of rust-red flour beetle have also been found. Where strains resistant to products containing organophosphorus compounds are present, PHOBI SMOKE PRO 90 is unlikely to give satisfactory control of these pests.

PESTS CONTROLLED

Pests in Storage Structures.

PHOBI SMOKE PRO 90 is not intended to be used alone. Their purpose is to improve the performance of insecticidal structural surface treatments. Where good cover from the sprayable treatment is not achieved, control from the combined treatment is likely to be reduced. They work by causing agitation of insect and mite pests in inaccessible areas and encourages their movement into treated areas.

PHOBI SMOKE PRO 90 should only be used after an insecticidal spray treatment.

SPECIFIC INFORMATION

TIMING

When to use: Grain storage premises should be disinfested in the late spring or early summer. In heavily infested premises, repeat six weeks later or just before harvest.

RATES OF USE

Maximum individual dose – one generator per 570 m³

Maximum number of treatments per batch of grain - 2 per storage area for stores which are intended to contain cereal grains (wheat, barley, oats, triticale, millet, sorghum, buckwheat, maize, rice and rye).

For stores which are intended to contain cereal grains, treatment of a single application of an authorised sprayable structural surface treatment combined with a maximum of two treatments of PHOBI SMOKE PRO 90.

If a structure is used to store wheat, barley or oat grain treated by admixture, before the store is subsequently used to store any other grain or seed, the structure should be cleaned thoroughly to avoid cross-contamination of the following stored crop. Users are advised to consult the HGCA Grain Storage Guide for further advice on good storage hygiene.

APPLICATION

Pre-treatment: The use of PHOBI SMOKE PRO 90 should always be preceded by thorough cleaning of the grain store by sweeping or by the use of an industrial vacuum cleaner. Burn all sweepings. Spray all surfaces within the store including floor, roof, insides and outsides of storage bins with a structural insecticidal spray. Also spray conveyors, elevators and other handling equipment before using the smoke generator.

Igniting the generator: Evacuate all people and livestock and close all ventilators, windows and doors (except exit door) before treatment. Block all known leakages. If more than one generator is required, distribute them evenly on the floor before lighting. Shake each generator sufficiently to loosen the contents before opening. Remove the lid and light the exposed tip of the fuse with a match or lighter. Do not remove the fuse igniter. The fuse will smoulder and take about 20 seconds to light the generator. Complete ignition rapidly working towards the exit. When igniting more than one generator or in situations where it is not possible to vacate the treatment area immediately after ignition, wear suitable protective clothing (coveralls) and suitable respiratory equipment (half mask to at least EN 140 fitted with a particulate filter to at least EN 143 P3, or equivalent). Leave the store closed for 24 hours and ensure that the doors are locked and suitable warning notices displayed. Ventilate thoroughly for at least one hour before working in the store. Do not re-enter the store within 3 hours of ignition unless wearing a suitable respirator.

MEDICAL ADVICE

SYMPTOMS OF POISONING

These may include excessive sweating, headache, weakness, faintness and giddiness, nausea, stomach pains, vomiting, small pupils, blurred vision and muscle twitching.

FIRST AID

If any of the above symptoms occur, particularly if there is known contamination, STOP WORK. Remove contaminated clothing. Wash exposed skin and hair.

Prevent all exertion.

Call a doctor AT ONCE and show him the label.

GUIDE TO DOCTOR

This product contains an anticholinesterase organophosphorus compound.

SPECIFIC TREATMENT

1. IN ALL CASES AND AS EARLY AS POSSIBLE inject atropine sulphate 2 mg or pro-rata for children and repeat (if necessary) until fully atropinised.
2. IF AVAILABLE administer pralidoxim 1 gram by intra-muscular injection. Repeat after 3–4 hours.

OTHER MEASURES

1. Keep airway clear.
2. Watch respiration – intubation with endotracheal tube, or tracheotomy may be necessary in conjunction with artificial ventilation.
3. Put patient at complete rest in hospital for 24 hours at least.

Confirmation of diagnosis by estimating cholinesterase activity (5 ml blood, unhaemolysed, collected in an anticoagulant).

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