

DYNAMIC SMOKE DISPERSION TECHNOLOGY™

# FUMITHOR™ DELTA

**INSECTICIDE SMOKE GENERATOR**

CUTTING  
EDGE SMOKE  
GENERATION  
TECHNOLOGY

ELIMINATES  
A WIDE RANGE  
OF FLYING AND  
CRAWLING  
INSECT  
PESTS

**ENSYSTEX™**  
THE INNOVATORS

# FUMITHOR™ DELTA

INSECTICIDE SMOKE GENERATOR

STORAGE SHEDS

WAREHOUSES

GRAIN SILOS

SHIPPING CONTAINERS

GLASSHOUSES

ANIMAL HOUSING

AGRICULTURAL BUILDINGS

An insecticide smoke generator using cutting edge ***Dynamic Smoke Dispersion Technology™*** - designed to be easier to use and more effective than ULV sprays, thermal fogging treatments and other smoke generators.

PLUS RAPID CLEAN-OUT  
OF INSECT PESTS IN  
DOMESTIC AND  
COMMERCIAL  
SITUATIONS  
THAT NEED  
PROTECTING  
QUICKLY

- ▶ Broad spectrum, highly effective smoke generation technology.
- ▶ Ready to use smoke generator, no requirement for expensive specialised equipment.
- ▶ Uses no solvents, is non-tainting and leaves no residual odour.

# FUMITHOR<sup>TM</sup> DELTA

INSECTICIDE SMOKE GENERATOR

**FUMITHOR DELTA is a revolutionary new way of eliminating a wide range of flying and crawling insect pests, even in previously inaccessible places.**

## **FUMITHOR DELTA – REACHES FURTHER:**

FUMITHOR DELTA uses smoke to reach inaccessible areas, penetrating deep into the tiniest cracks and crevices where the pests hide.

**With particle sizes down to just 1 micron the smoke can penetrate into places that are simply not reached by thermal fogs or ULV sprays.**

The active constituent - deltamethrin - is deposited on vertical, horizontal and underside of horizontal surfaces ensuring the most thorough treatment possible.

**There is nowhere for pests to hide from FUMITHOR DELTA!**

## **POWERED BY – DELTAMETHRIN:**

FUMITHOR DELTA is the only insecticide smoke generator to use deltamethrin, a broad spectrum pyrethroid, as the active constituent:

- ▶ Deltamethrin is proven in independent trials to be up to 10 times more potent than other smoke generators.
- ▶ Less insecticide per m<sup>3</sup> means it's more economical while reducing operator exposure to poison.
- ▶ Deltamethrin has been proven to have a good toxicological and environmental profile

# FUMITHOR™ DELTA

## Dynamic Smoke Dispersion Technology™

*Kills pests in  
hard-to-reach  
spaces*

*Particle size of 1  
micron allows  
smoke penetration  
deeper than other  
thermal fogs or  
ULV droplets.*

*For use against  
insect pests such  
as cockroaches,  
ants, spiders,  
caterpillars,  
weevils, flies  
and other  
flying insects*

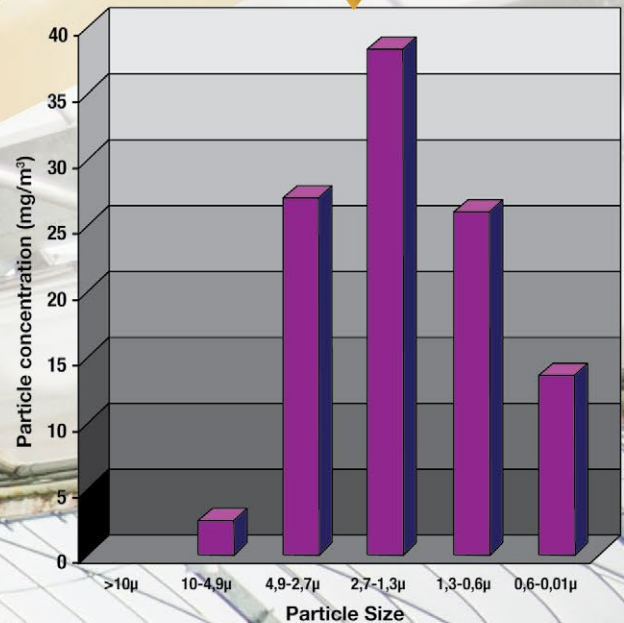
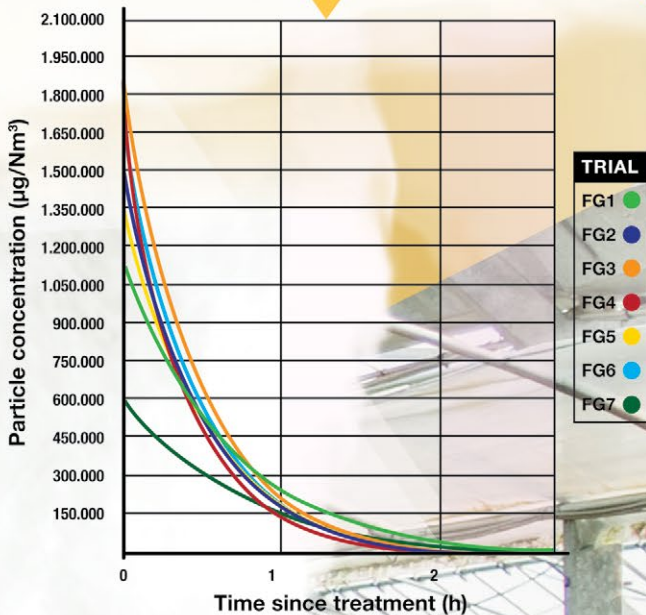


# FUMITHOR™ DELTA

## Proven performance of FUMITHOR DELTA

**FUMITHOR DELTA deposits quickly onto surfaces**

**Proven particle size ensures an effective sterilisation of all surfaces**



**Figure 1:** Graph curves where  $t = 0$  (moment of application of FUMITHOR) showing geometrical descent of the smoke. A strong decrease is observed in the concentration of particles in the air which shows a quick deposition of the product. Two hours after application, the FUMITHOR was completely deposited. Measurements were recorded using a Tapered Element Oscillating Microbalance, which allowed for gravimetric measurement in real time.

**Figure 2:** Particles size analysis of the smoke is reported using a Cascade Impactor. This allows separation of particles suspended in a gas or smoke, according to their size. All particles are very small ( $< 10$  microns), with 97.6% less than 5 microns and 72.3 % less than 2.7 microns. The mean range is between 1.3 and 2.7 microns. This ensures thorough penetration of the smoke to ensure an effective sterilisation of all surfaces.

**The FUMITHOR DELTA generator is ignited to fill the air with advanced smoke technology**

**Smoke vapour is the optimal method of transmission when targeting large areas due to the minimal quantities of pesticide required - protecting your property and the environment.**

**MINIMAL  
IMPACT  
ON THE  
ENVIRONMENT** ▶



# FUMITHOR™ DELTA

## INSECTICIDE SMOKE GENERATOR

<b>Active constituent:</b>	20 g/kg deltamethrin
<b>Formulation type:</b>	Ready to use smoke generator
<b>Registered to kill:</b>	Ants, cockroaches, caterpillars, fleas, flies, mosquitoes, hide beetles, silverfish, bed bugs, spiders, stored product insects, bird mites, carpet beetles, clothes moths, aphids.
<b>Packs / Use</b>	40 g Generator treats 250 – 500 m <sup>3</sup> / 20 g Generator treats 125 – 250 m <sup>3</sup>
<b>How to use:</b>	<ul style="list-style-type: none"><li>• Close doors, windows and ventilators.</li><li>• Isolate or turn off any smoke alarms.</li><li>• Remove people, animals, fish and birds from area to be treated.</li><li>• Remove silk and rayon fabrics as discolouration may occur.</li><li>• Calculate the volume to be treated (volume = area x height) and determine how many generators are required. Space generators evenly through the building to be treated.</li><li>• Place the generator on a fireproof base at least 700 mm in diameter, on a protective floor covering or in a metal bucket.</li><li>• DO NOT remove protective cellophane sleeve around the generator.</li><li>• Ignite by lighting the protective cellophane sleeve.</li><li>• Always ignite those generators furthest away, lighting those nearest your exit last. Leave immediately after lighting smoke generators. The generator will burn for approximately 30 - 45 seconds, however keep area airtight for at least 3 hours after lighting.</li><li>• Ventilate for 30 - 60 minutes before re-entry.</li></ul>
<b>Where to use:</b>	<p><b>Ideal for enclosed areas:</b> such as storage sheds, warehouses, shipping containers, commercial buildings, industrial facilities and public spaces;</p> <p><b>Protects agricultural areas:</b> including grain silos, glasshouses, animal housing and agricultural buildings;</p> <p><b>Rapid clean-out of insect pests:</b> in commercial and domestic situations that need protecting quickly and effectively.</p>

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