

**DIRECTIONS FOR USE**

Situation	Pest	Rate	Critical Comments
Empty Grain Stores and Silos	<b>Beetles</b> (Adults and Larvae): Confused Flour Beetle, Lesser Grain Borer, Rust-Red Flour Beetle, Rust-Red Grain Beetle, Saw-Toothed Grain Beetle	1 generator per 333 cubic metres	The use of GRAINMASTER SUPERSMOKE should always be preceded by thorough cleaning of the area to be treated by sweeping or by use of a vacuum cleaner.  Burn all sweepings.  Spray all surfaces within stores including floor, roof, insides and outsides of storage bins with Actellic 50EC.  Also spray conveyors, elevators and other handling equipment before using the smoke generator.
	<b>Mites:</b> Grain Mites, meal Mites, Flour Mites (Acarus siro)		
	<b>Moths</b> (Adults and Larvae): Angoumois Grain Moth, Indian Meal Moth, Mediterranean Flour Moth		
	<b>Weevils</b> (Adults and Larvae): Grain Weevil, Maize Weevil, Rice Weevil		

**orion** AGRISCIENCE

**DANGER | KEEP OUT OF REACH OF CHILDREN**

GrainMaster<sup>®</sup>

SuperSmoke<sup>®</sup>

INSECTICIDE SMOKE GENERATOR

For the Control of Beetles, Mites, Moths and Weevils in Silos and Grain Stores

**Active Ingredient:**  
100 g/kg pirimiphos-methyl and 50 g/kg deltamethrin in the form of a smoke generator



9 421004 533881



OPEN HERE



## PLEASE READ THE LABEL COMPLETELY BEFORE USE

### HAZARD CLASSIFICATIONS:

**Acute Oral Toxicity Category 4, Eye Irritation Category 2, Reproductive Toxicity Category 2, Specific Target Organ Toxicity Repeat Exposure Category 1, Hazardous to the Aquatic Environment Acute Category 1, Hazardous to the Aquatic Environment Chronic Category 1, Hazardous to Soil Organisms, Hazardous to Terrestrial Vertebrates, Hazardous to Terrestrial Invertebrates**

### DANGER: TOXIC, ECOTOXIC

Harmful if swallowed. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Harmful to the soil environment. Toxic to terrestrial vertebrates. Very toxic to terrestrial invertebrates.

### PRECAUTIONS

This product must only be handled, mixed and applied by a suitably qualified person as define under the HPC notice 2017 Part 4C.

### STORAGE

Keep out of reach of children. Store in a secure, cool, dry and well-ventilated area. Do not store for prolonged periods in direct sunlight. Storage of certain quantities of this product trigger specific storage requirements (Refer to Safety Note).

### PERSONAL PROTECTION

Avoid contact with eyes and skin. Avoid inhalation of dust or smoke. Wear overalls, covered footwear and eye protection during use or where entering treated area within 12 hours of use. A respirator (organic vapour and particulate matter) is required where it is not possible to leave the treatment area immediately after ignition, or where re-entry within 12 hours is required. Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.

### USE

Evacuate all people and animals. Secure the area and display warning notice(s) at each entry point. Leave the treated area closed for 24 hours. Ventilate thoroughly for at least half an hour before re-entry. Do not use where food or animal feed is exposed, or where dairy or meat products are processed, packed or stored. Do not place on or near to combustible materials. Do not use in flammable or explosive environments. See further instructions below.

### DISPOSAL

Dispose of the generator contents only by using in accordance with this label, or at a suitable landfill. Dispose of the canister to a suitable landfill. Do not use canister for any other purpose.

### ENVIRONMENTAL

Use this product carefully. Do not contaminate aquatic environments with product, smoke, or used canister.



**Symptoms of Poisoning**

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

**First Aid**

If swallowed do not induce vomiting. If in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. If burnt, cool with running water for several minutes. Call the National Poisons Centre **0800 POISON (0800 764 766)** (24 hrs) or a doctor immediately for advice.

**Emergency Response**

In a transport emergency call **111, Police or Fire Brigade**. In a fire, evacuate and call **111 Fire Brigade**. For specialist advice in an emergency only, call **0800 CHEMCALL (0800 243 6225)** (24 hrs).

**Spillage**

If canister contents are exposed: Extinguish any ignition sources. Exclude non-essential people from the area. Wear protective clothing. Moisten to prevent dusting and sweep up. Place in a waste container. Dispose of safely to a suitable landfill.

**Safety Data Sheet**

Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (0800 674 6627)** or visit **www.orionagriscience.co.nz**.

**PREPARATION**

Close all ventilators, windows and doors (except exit door) before treatment. Block all known leakages. If more than one generator is required place them evenly throughout the building before lighting.

**IGNITION OF THE GENERATOR**

Tap each generator before opening to loosen the contents. Tear off metal foil and light exposed tip of the fuse/igniter. The fuse will smoulder and take about 10 seconds to ignite the generator. Ignite the furthest generator from door first, then work quickly towards exit.

**AFTER IGNITION**

Leave the treated area closed for 24 hours.

**RESISTANCE MANAGEMENT**

**GROUPS 1 + 3 INSECTICIDES**

Orion Super Smoke contains the organophosphorus compound pirimiphos-methyl and the synthetic pyrethroid deltamethrin. Resistance to this product could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the insect pests listed on this label.

**WARRANTY**

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

Approved pursuant to the HSNO Act 1996, approval code HSR101001  
See [www.epa.govt.nz](http://www.epa.govt.nz) for controls applying to the substance.

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0800 674 6627

[www.orionagriscience.co.nz](http://www.orionagriscience.co.nz)

**orion**  
AGRISCIENCE

0624

**60 grams**

