

# ACTELIC GOLD DUST®



*ACTELIC Gold Dust is an insecticide for use against grain storage pests like the Larger Grain Borer (LGB), grain weevil, red flour beetle and lesser grain borer in maize.*

ACTIVE INGREDIENT:	Pirimiphos-methyl 16g ai/kg + Thiamethoxam 3.6g ai/kg
FORMULATION	Dusting Powder (DP)
REGISTRATION NO:	PCPB (CR) 1149
MODE OF ACTION	Pirimiphos-methyl rapidly penetrates the insect cuticle and disrupts nerve conduction via the inhibition of acetylcholinesterase. Thiamethoxam is considered to act by interfering with the nicotinic acetyl choline receptor of the nervous system of insects.
SPECTRUM OF ACTIVITY:	Actellic Gold Dust controls a wide range of key pests such as the larger grain borer, moths, beetles, mites and weevils. It controls existing infestations and gives long-term protection against re-infestation. Actellic Gold Dust is effective under tropical, humid conditions. It persists for several months on grain and inert surfaces. Actellic Gold Dust can be applied direct to grain, and to bags.

## RECOMMENDATIONS

DIRECTIONS FOR USE		Application rate	
MAIZE		Actellic Gold Dust to be applied on fresh harvested grains, prior to be bagged.	
Main pests in stored products			
	<b>COMMON NAME</b>		50 g of Actellic Gold Dust per 90 kg of grain
<i>Prostephanus truncatus</i>	Larger grain borer		
<i>Oryzaephilus surinamensis</i>	Saw toothed grain beetle		
<i>Cryptolestes ferrugineus</i>	Rust red grain beetle		
<i>Sitophilus granarius</i>	Grain weevil		
<i>Tribolium castaneum</i>	Red flour beetle		
<i>Rhizopertha dominica</i>	Lesser grain borer		

The treated maize can be consumed after two weeks.

Resistance Management: In Stored Products, Actellic Gold Dust is effective against OP-resistant strains (e.g. those resistant to malathion).

APPLICATION TIMING:	<ul style="list-style-type: none"><li>• To obtain best protection the store facility has to be cleaned. Clean the surfaces of the storing facilities by spraying Actellic 25 EC, collect old kernels and any crop parts from the store room and burn them.</li><li>• Do not store harvested unthrashed crop. After harvest, thrash or remove the kernels immediately, and protect the kernels with Actellic Gold Dust without any delay.</li><li>• Using a clean floor or a clean plastic plane on which the thrashed kernels are placed, distribute evenly Actellic Gold Dust on the kernels by continuous shuffling of the kernels. This allows and enhances the distribution and recovery of Actellic Gold Dust on the kernel surface.</li><li>• Mix kernels well for a few minutes, then store the treated kernels in clean bags. • In case of larger quantities whereby the kernels are transported to the silos with the help of conveyor belts, Actellic Gold Dust can be applied directly on the moving kernels at 500 g of Actellic Gold Dust per ton of kernels.</li></ul>
---------------------	--

AVAILABLE PACKS	2KG, 1KG, 500GM, 200GM, 100GM, 50GM
-----------------	-------------------------------------

BENEFITS:	<ul style="list-style-type: none"><li>• Triple killing action (vapor, contact and stomach)</li><li>• Longer protection of stored grains (&gt; 9months)</li><li>• Contain two actives with two different mode of actions</li><li>• Broad spectrum</li><li>• Fast-acting insecticide for stored grains</li></ul>
-----------	--

HANDLING PRECAUTIONS:	<p>KEEP LOCKED UP OUT OF REACH OF CHILDREN and other unauthorised persons, and animals.</p> <p><b>Operator safety:</b> AVOID getting product in contact with skin, eyes or clothing.</p> <p>DO NOT inhale dust. DO NOT eat, drink or smoke during work. Wash hands and face before eating, drinking or smoking.</p> <p><b>WEAR</b> protective clothing: overalls, impermeable gloves, and solid footwear.</p> <p><b>AFTER WORK,</b> thoroughly clean protective clothing and equipment used. Wash entire body and change clothing. Wash contaminated clothing before re-use.</p>
-----------------------	--



LEADERS IN CROP PROTECTION

Actellic Gold Dust® is a registered trademark of Syngenta AG, Switzerland.